

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
 Data File : VD071422.D
 Acq On : 21 Dec 2021 20:36
 Operator : VA/SY
 Sample : M5182-06MS
 Misc : 8.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HB-2-(20-25)-12-17-21MS

Quant Time: Dec 21 21:12:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021
 Supervised By :Amit Patel 12/24/2021

Supervised By :Amit
 Patel
 12/24/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	44536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	87100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	98669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	54187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	51687	98.908	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 197.820%#			
35) Dibromofluoromethane	7.909	113	34876	62.880	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 125.760%			
50) Toluene-d8	10.332	98	103829	49.192	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.380%			
62) 4-Bromofluorobenzene	12.620	95	52553	71.828	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 143.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	15549	40.941	ug/l	95
3) Chloromethane	2.209	50	28415	56.553	ug/l #	85
4) Vinyl Chloride	2.350	62	28828	51.427	ug/l	100
5) Bromomethane	2.779	94	29212	72.290	ug/l	87
6) Chloroethane	2.926	64	22665	58.786	ug/l	96
7) Trichlorofluoromethane	3.279	101	42885	56.474	ug/l	95
8) Diethyl Ether	3.715	74	26990	131.105	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	24400	54.462	ug/l	96
10) Methyl Iodide	4.297	142	22143	43.199	ug/l	92
11) Tert butyl alcohol	5.215	59	43572	1117.405	ug/l	99
12) 1,1-Dichloroethene	4.079	96	22906	55.403	ug/l	98
13) Acrolein	3.915	56	3609	101.060	ug/l #	78
14) Allyl chloride	4.720	41	52278	66.570	ug/l #	77
15) Acrylonitrile	5.426	53	155606	1554.218	ug/l	98
16) Acetone	4.150	43	204097	1320.435	ug/l #	85
17) Carbon Disulfide	4.409	76	59061	48.791	ug/l #	94
18) Methyl Acetate	4.715	43	118084	306.260	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	150960	148.987	ug/l	98
20) Methylene Chloride	4.973	84	48806	96.431	ug/l #	92
21) trans-1,2-Dichloroethene	5.473	96	28187	60.565	ug/l #	84
22) Diisopropyl ether	6.362	45	156563	99.506	ug/l	92
23) Vinyl Acetate	6.303	43	530673	583.009	ug/l	95
24) 1,1-Dichloroethane	6.267	63	67013	74.049	ug/l	97
25) 2-Butanone	7.214	43	230258	1302.098	ug/l #	88
26) 2,2-Dichloropropane	7.214	77	47163	57.311	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	41886	79.552	ug/l	97
28) Bromochloromethane	7.550	49	40246	102.389	ug/l	89
29) Tetrahydrofuran	7.561	42	136013	1639.099	ug/l	93
30) Chloroform	7.709	83	76527	84.259	ug/l	98
31) Cyclohexane	7.979	56	39509	44.447	ug/l	90
32) 1,1,1-Trichloroethane	7.903	97	51022	62.571	ug/l #	93
36) 1,1-Dichloropropene	8.114	75	38475	47.263	ug/l	96
37) Ethyl Acetate	7.291	43	81817	232.669	ug/l	94
38) Carbon Tetrachloride	8.097	117	39466	49.181	ug/l	88
39) Methylcyclohexane	9.355	83	34921	35.665	ug/l	97
40) Benzene	8.350	78	130223	58.892	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.520	41	46083	157.954	ug/l	#	80
42) 1,2-Dichloroethane	8.420	62	69504	102.974	ug/l		96
43) Isopropyl Acetate	8.444	43	132955	159.105	ug/l	#	84
44) Trichloroethene	9.108	130	32811	55.652	ug/l		96
45) 1,2-Dichloropropane	9.385	63	44890	77.195	ug/l		100
46) Dibromomethane	9.473	93	36062	119.530	ug/l		93
47) Bromodichloromethane	9.655	83	67664	84.805	ug/l		99
48) Methyl methacrylate	9.456	41	63783	185.304	ug/l	#	78
49) 1,4-Dioxane	9.456	88	20795	7140.351	ug/l		99
51) 4-Methyl-2-Pentanone	10.220	43	432235	987.056	ug/l		90
52) Toluene	10.403	92	84867	60.490	ug/l		100
53) t-1,3-Dichloropropene	10.614	75	72399	98.693	ug/l		98
54) cis-1,3-Dichloropropene	10.085	75	73173	83.975	ug/l	#	83
55) 1,1,2-Trichloroethane	10.797	97	49914	126.114	ug/l		94
56) Ethyl methacrylate	10.655	69	80052	129.692	ug/l	#	73
57) 1,3-Dichloropropane	10.938	76	82409	118.527	ug/l		95
58) 2-Chloroethyl Vinyl ether	9.938	63	194859	723.513	ug/l		99
59) 2-Hexanone	10.979	43	332648	993.948	ug/l		90
60) Dibromochloromethane	11.132	129	57056	115.991	ug/l		98
61) 1,2-Dibromoethane	11.238	107	53832	141.621	ug/l		99
64) Tetrachloroethene	10.873	164	27217	43.450	ug/l		94
65) Chlorobenzene	11.661	112	102086	55.762	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.738	131	45402	67.922	ug/l		96
67) Ethyl Benzene	11.738	91	173633	50.381	ug/l		99
68) m/p-Xylenes	11.844	106	126771	97.431	ug/l		96
69) o-Xylene	12.173	106	68133	55.714	ug/l		100
70) Styrene	12.191	104	121999	59.193	ug/l		97
71) Bromoform	12.349	173	42950	124.027	ug/l	#	99
73) Isopropylbenzene	12.473	105	156581	39.908	ug/l		98
74) N-amyl acetate	12.279	43	111085	97.320	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	89959	139.227	ug/l		94
76) 1,2,3-Trichloropropane	12.773	75	66202m	128.231	ug/l		
77) Bromobenzene	12.755	156	47610	56.022	ug/l		70
78) n-propylbenzene	12.808	91	178797	36.592	ug/l		97
79) 2-Chlorotoluene	12.897	91	119966	43.745	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	125661	38.839	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.520	75	25273	107.050	ug/l	#	75
82) 4-Chlorotoluene	12.996	91	125675	44.142	ug/l		98
83) tert-Butylbenzene	13.214	119	105032	37.800	ug/l		95
84) 1,2,4-Trimethylbenzene	13.255	105	134217	42.490	ug/l		100
85) sec-Butylbenzene	13.391	105	139470	32.863	ug/l		98
86) p-Isopropyltoluene	13.502	119	122001	35.148	ug/l		95
87) 1,3-Dichlorobenzene	13.502	146	82071	48.513	ug/l		98
88) 1,4-Dichlorobenzene	13.585	146	82306	49.106	ug/l		97
89) n-Butylbenzene	13.832	91	106152	31.328	ug/l		98
90) Hexachloroethane	14.102	117	26302	39.973	ug/l		87
91) 1,2-Dichlorobenzene	13.879	146	80084	55.665	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.491	75	18433	175.180	ug/l		96
93) 1,2,4-Trichlorobenzene	15.143	180	44884	50.016	ug/l	#	83
94) Hexachlorobutadiene	15.255	225	9674	19.053	ug/l		96
95) Naphthalene	15.385	128	190107	120.171	ug/l		97
96) 1,2,3-Trichlorobenzene	15.579	180	47959	62.922	ug/l	#	82

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APPROVED

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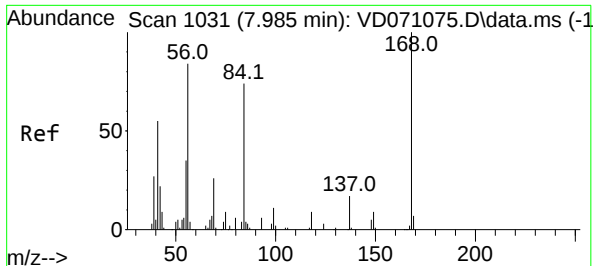
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

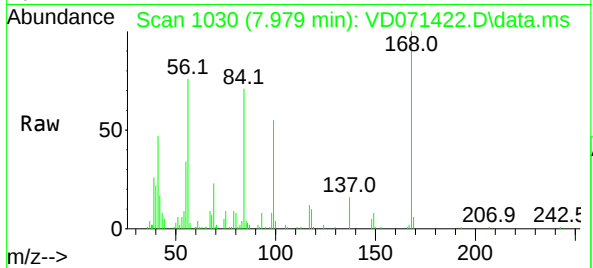
Supervised By :Amit
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12/24/2021

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

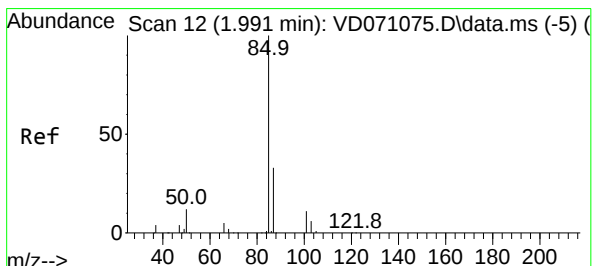
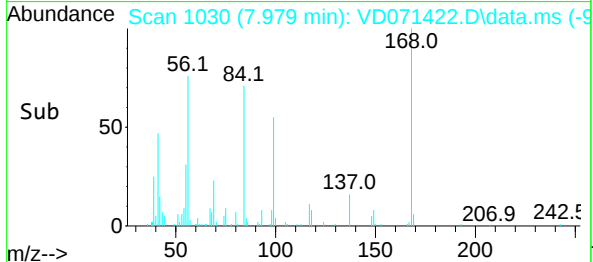
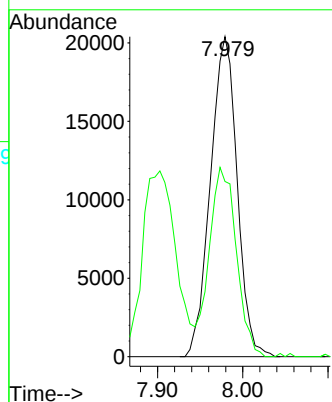


Tgt Ion:168 Resp: 44530
Ion Ratio Lower Upper
168 100
99 53.8 46.6 69.8

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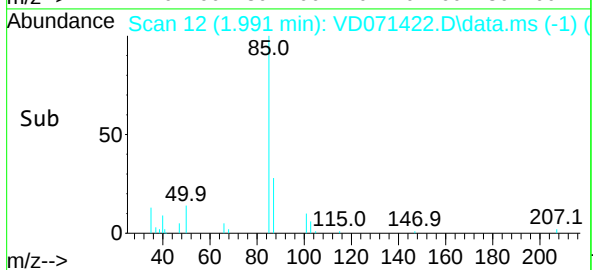
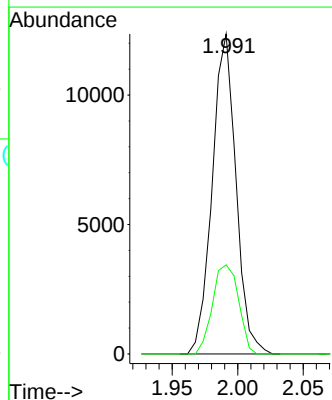
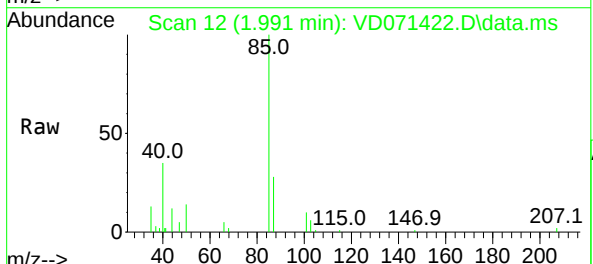
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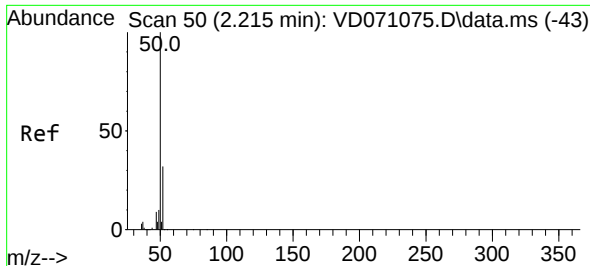
Supervised By :Amit
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#2
Dichlorodifluoromethane
Concen: 40.941 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

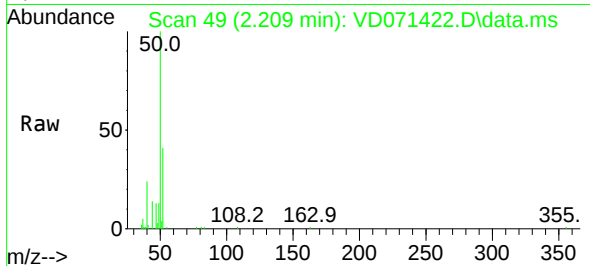
Tgt Ion: 85 Resp: 15549
Ion Ratio Lower Upper
85 100
87 27.9 15.2 45.6





#3
Chloromethane
Concen: 56.553 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

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ClientSampleId :
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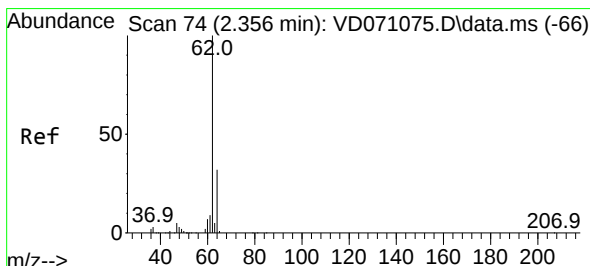
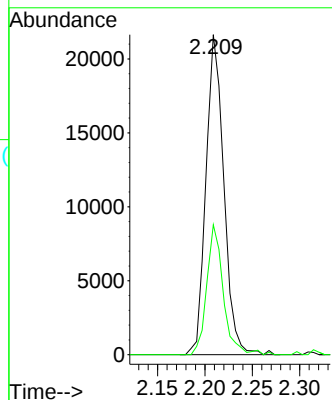


Tgt Ion: 50 Resp: 28415
Ion Ratio Lower Upper
50 100
52 40.6 25.8 38.8

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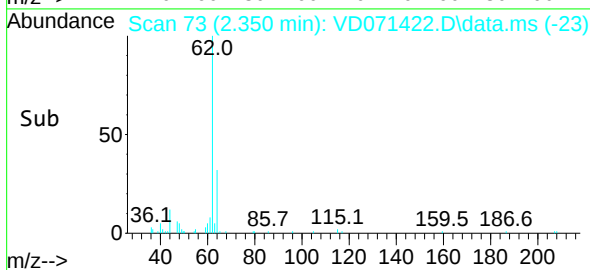
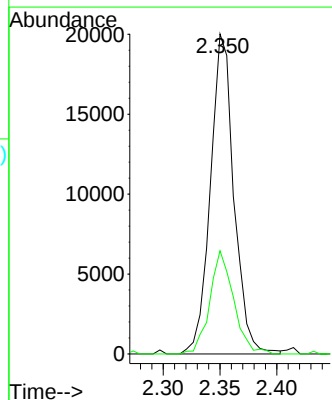
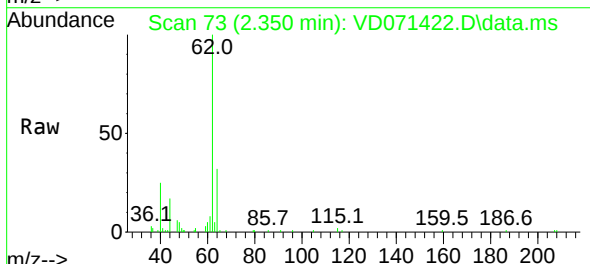
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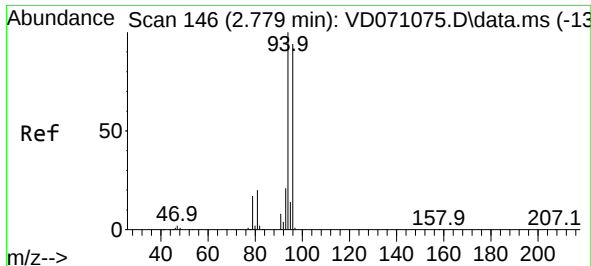
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#4
Vinyl Chloride
Concen: 51.427 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

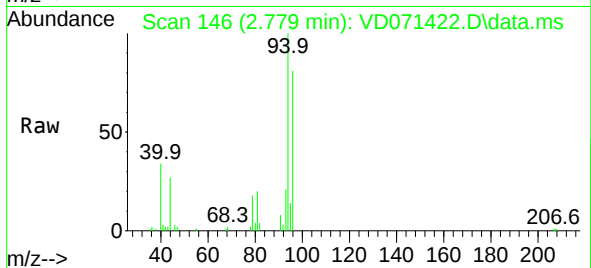
Tgt Ion: 62 Resp: 28828
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0





#5
Bromomethane
Concen: 72.290 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
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ClientSampleId :
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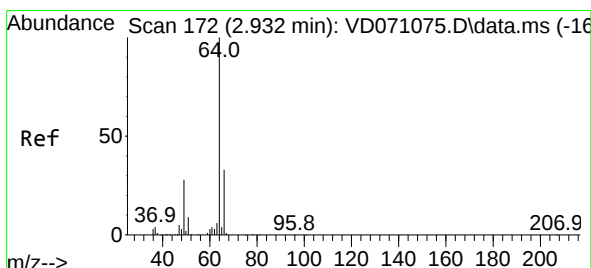
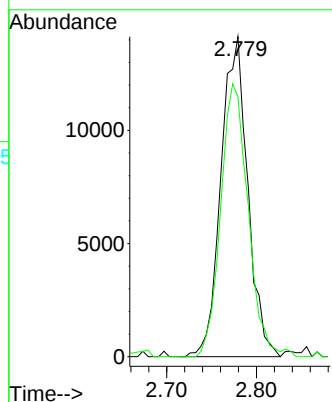


Tgt Ion: 94 Resp: 2921
Ion Ratio Lower Upper
94 100
96 81.2 74.8 112.2

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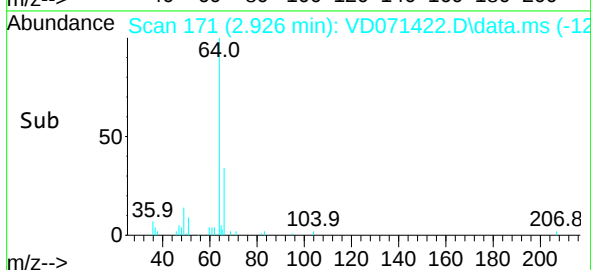
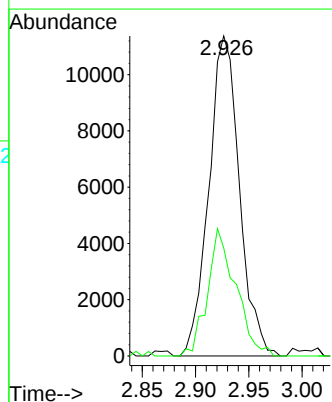
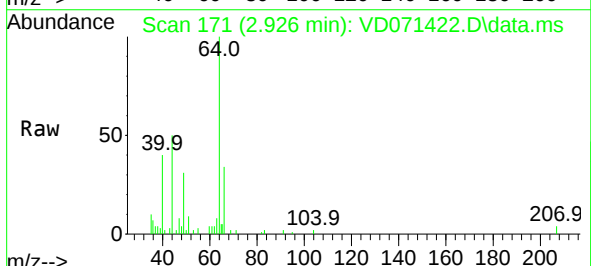
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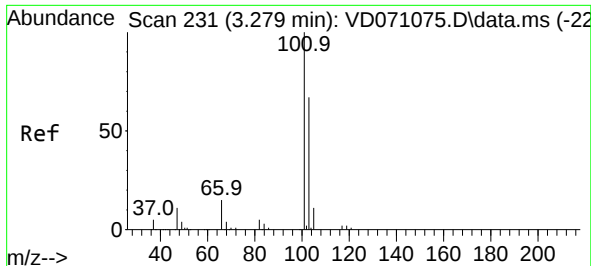
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#6
Chloroethane
Concen: 58.786 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

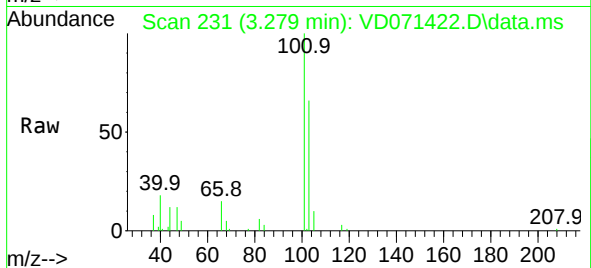
Tgt Ion: 64 Resp: 22665
Ion Ratio Lower Upper
64 100
66 33.7 29.0 43.4





#7
 Trichlorofluoromethane
 Concen: 56.474 ug/l
 RT: 3.279 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD071422.D
 Acq: 21 Dec 2021 20:36

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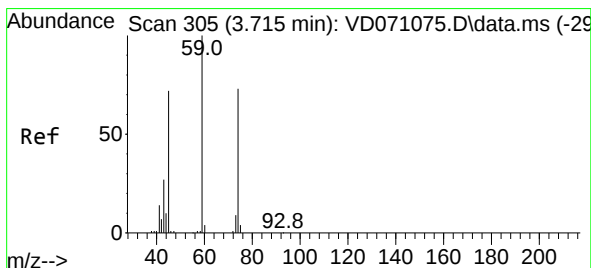
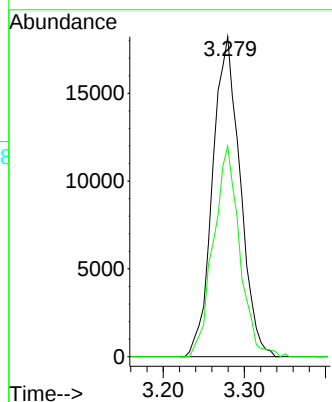


Tgt Ion:101 Resp: 4288
 Ion Ratio Lower Upper
 101 100
 103 65.8 49.7 74.5

Manual Integrations
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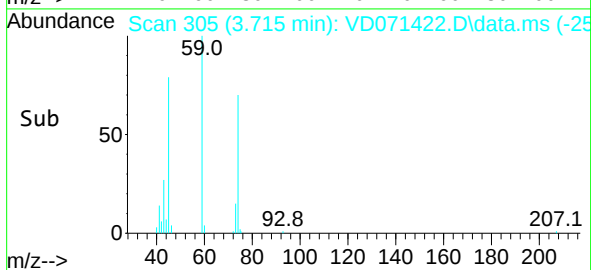
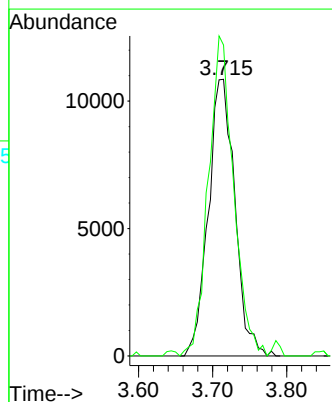
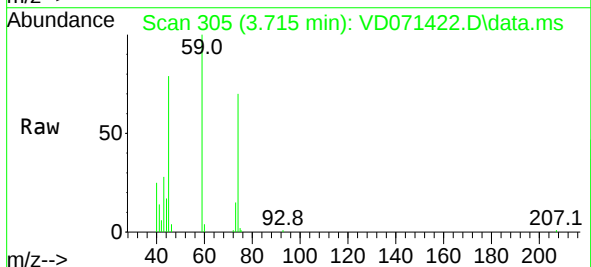
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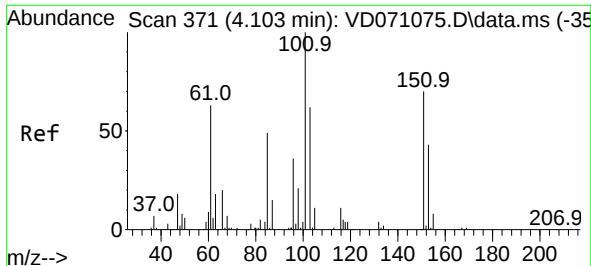
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#8
 Diethyl Ether
 Concen: 131.105 ug/l
 RT: 3.715 min Scan# 305
 Delta R.T. -0.000 min
 Lab File: VD071422.D
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Tgt Ion: 74 Resp: 26990
 Ion Ratio Lower Upper
 74 100
 45 109.5 49.6 149.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.462 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

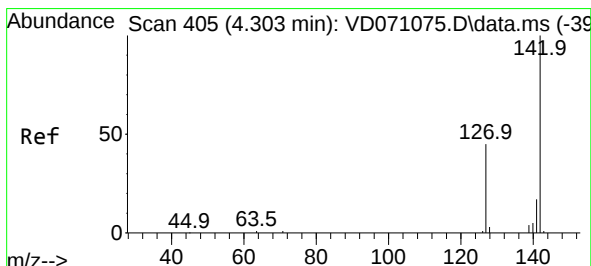
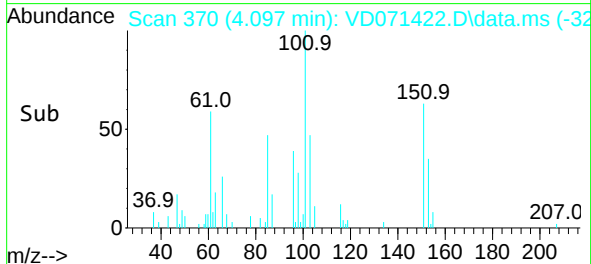
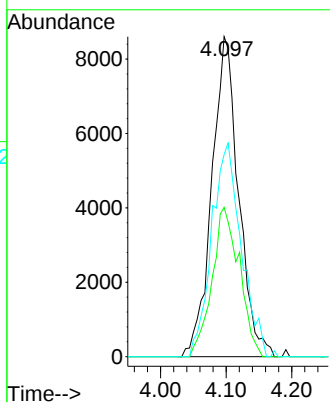
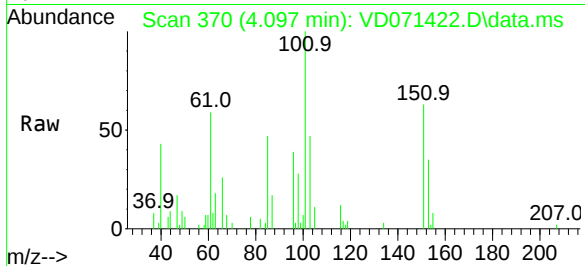
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

Tgt Ion:101 Resp: 24400
Ion Ratio Lower Upper
101 100
85 47.6 34.8 52.2
151 73.4 60.4 90.6

Manual Integrations
APPROVED

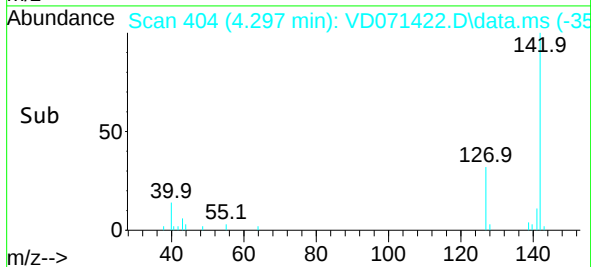
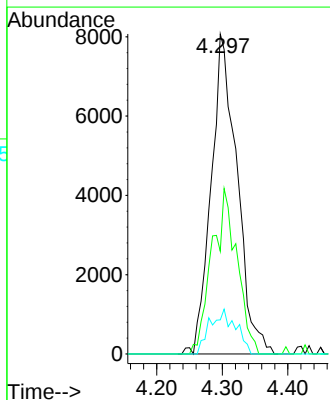
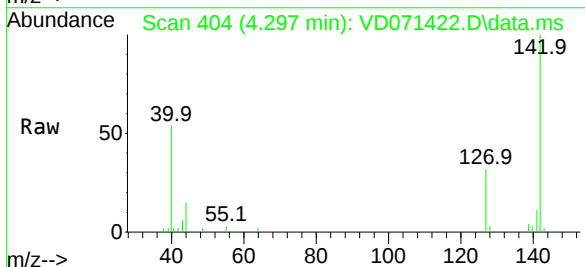
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

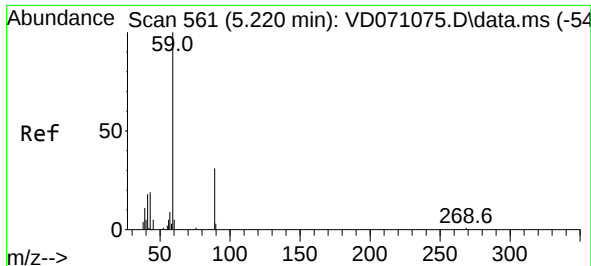
Supervised By :Amit
Patel
12/24/2021



#10
Methyl Iodide
Concen: 43.199 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

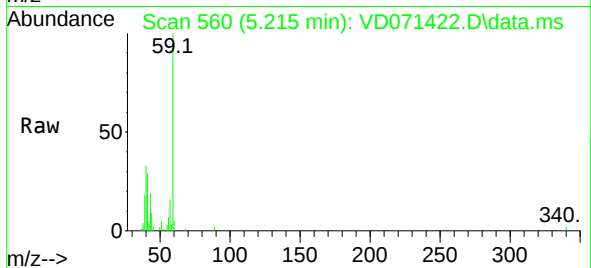
Tgt Ion:142 Resp: 22143
Ion Ratio Lower Upper
142 100
127 50.2 35.0 52.4
141 13.8 12.0 18.0





#11
Tert butyl alcohol
Concen: 1117.405 ug/l
RT: 5.215 min Scan# 50
Delta R.T. -0.005 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

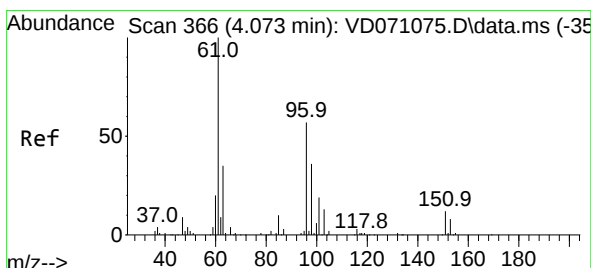
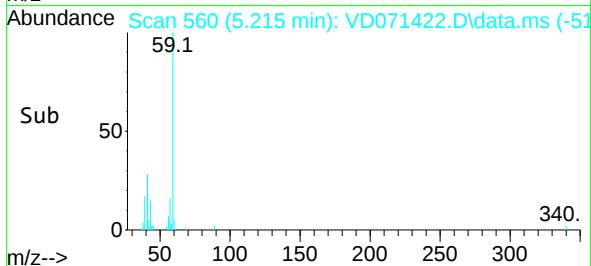
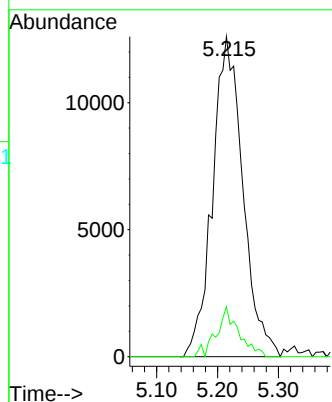


Tgt Ion: 59 Resp: 43572
Ion Ratio Lower Upper
59 100
57 11.5 9.0 13.4

Manual Integrations
APPROVED

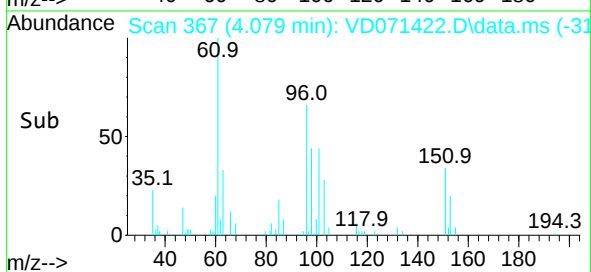
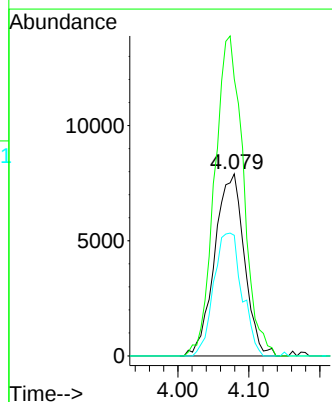
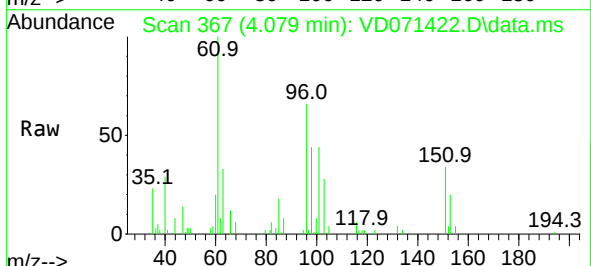
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

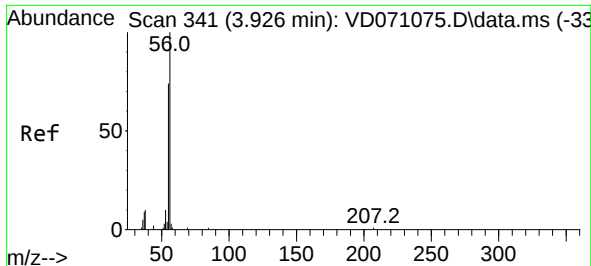
Supervised By :Amit
Patel
12/24/2021



#12
1,1-Dichloroethene
Concen: 55.403 ug/l
RT: 4.079 min Scan# 367
Delta R.T. 0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

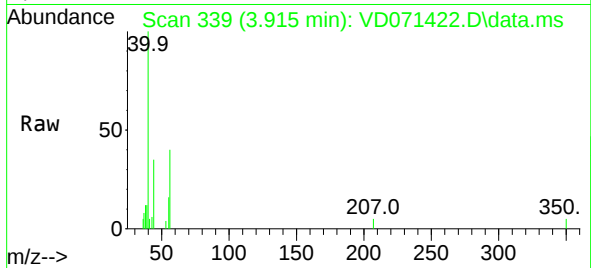
Tgt Ion: 96 Resp: 22906
Ion Ratio Lower Upper
96 100
61 152.1 120.3 180.5
98 66.2 54.4 81.6





#13
Acrolein
Concen: 101.060 ug/l
RT: 3.915 min Scan# 31
Delta R.T. -0.011 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

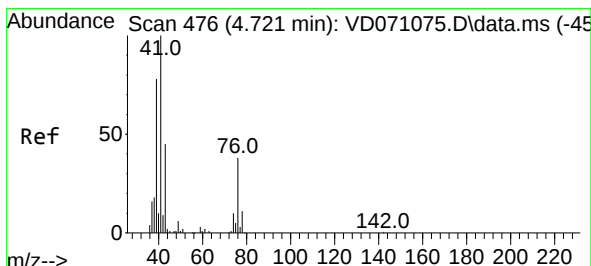
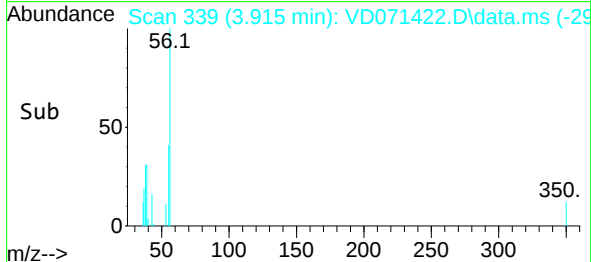
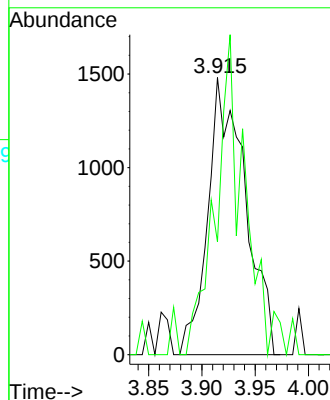


Tgt Ion: 56 Resp: 3609
Ion Ratio Lower Upper
56 100
55 91.7 58.6 87.8

Manual Integrations
APPROVED

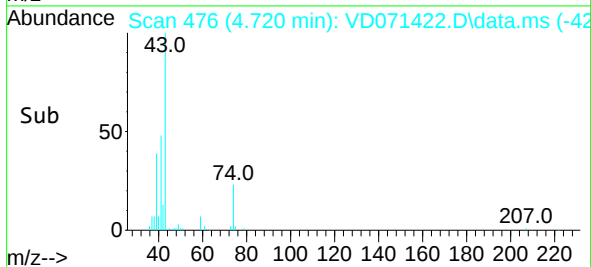
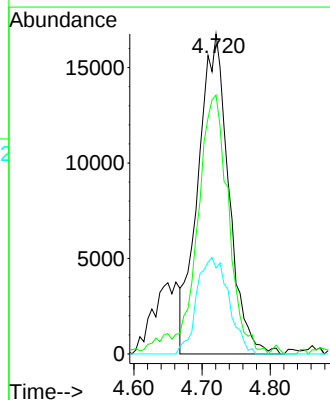
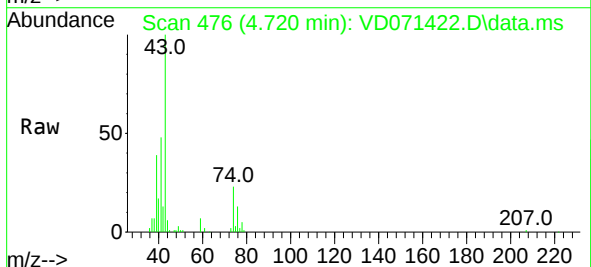
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

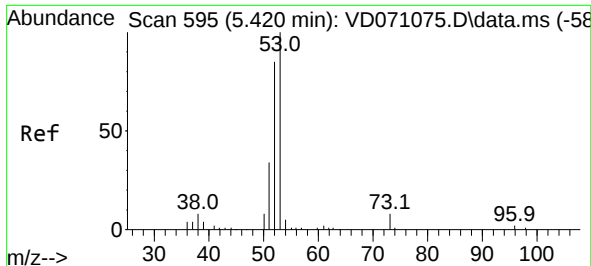
Supervised By :Amit
Patel
12/24/2021



#14
Allyl chloride
Concen: 66.570 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.001 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

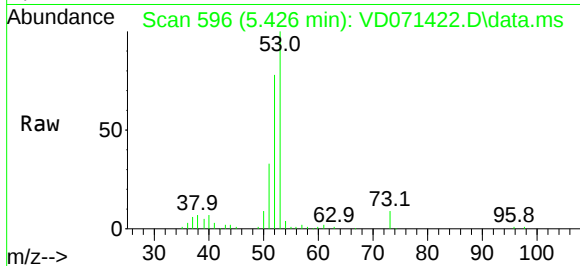
Tgt Ion: 41 Resp: 52278
Ion Ratio Lower Upper
41 100
39 80.1 45.6 68.4
76 31.4 30.2 45.4





#15
Acrylonitrile
Concen: 1554.218 ug/l
RT: 5.426 min Scan# 595
Delta R.T. 0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

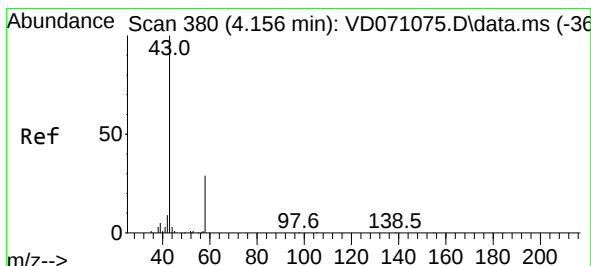
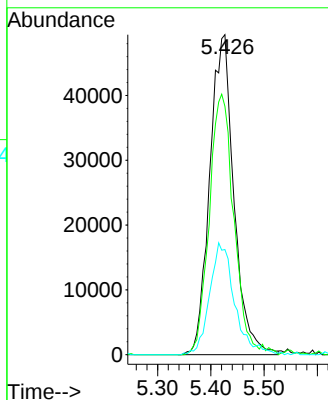
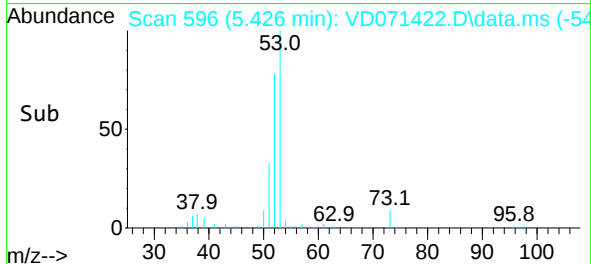


Tgt Ion: 53 Resp: 155600
Ion Ratio Lower Upper
53 100
52 82.1 63.8 95.8
51 36.1 28.5 42.7

Manual Integrations
APPROVED

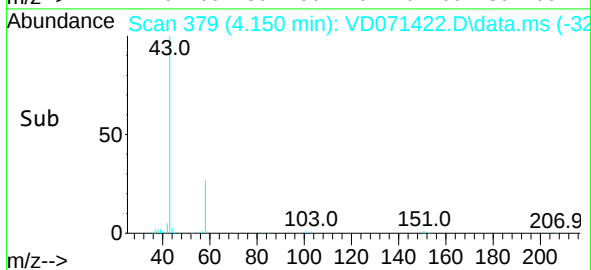
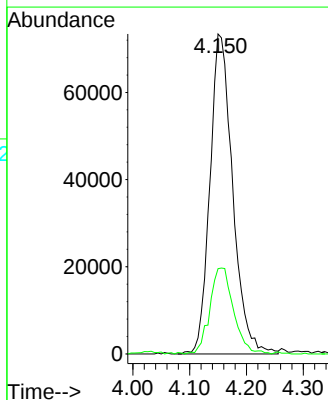
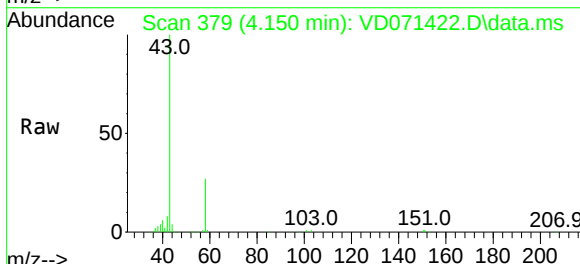
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

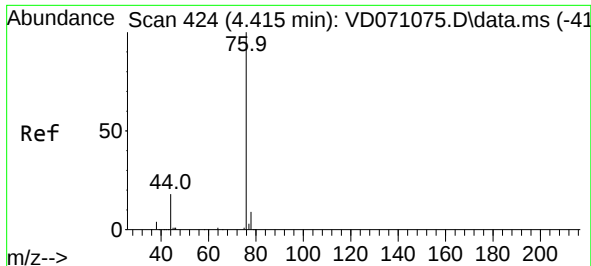
Supervised By :Amit
Patel
12/24/2021



#16
Acetone
Concen: 1320.435 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

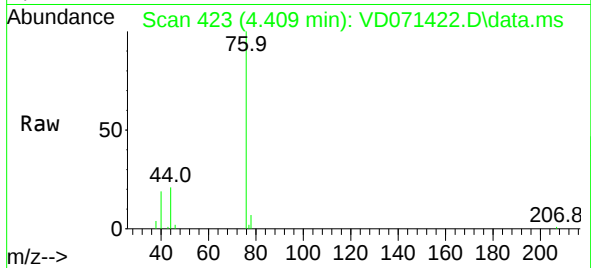
Tgt Ion: 43 Resp: 204097
Ion Ratio Lower Upper
43 100
58 26.2 27.8 41.8#





#17
Carbon Disulfide
Concen: 48.791 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

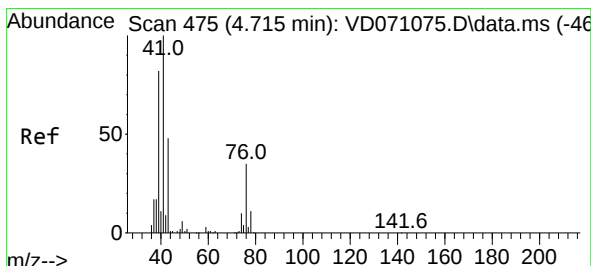
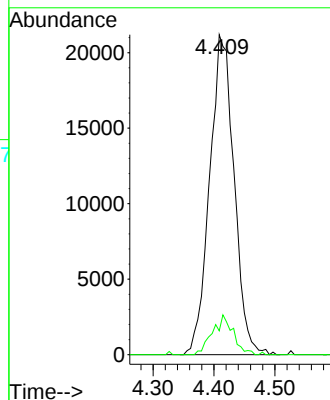
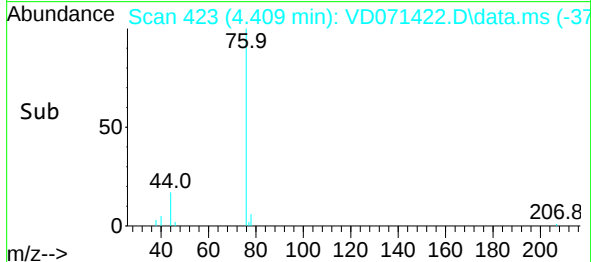


Tgt Ion: 76 Resp: 5906
Ion Ratio Lower Upper
76 100
78 7.5 7.8 11.8

Manual Integrations
APPROVED

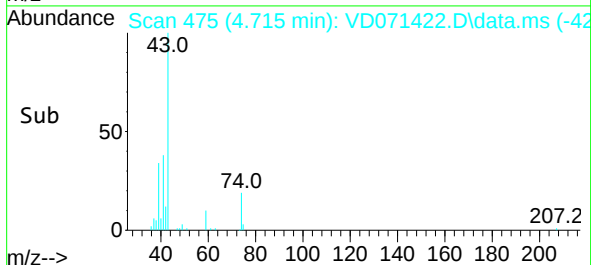
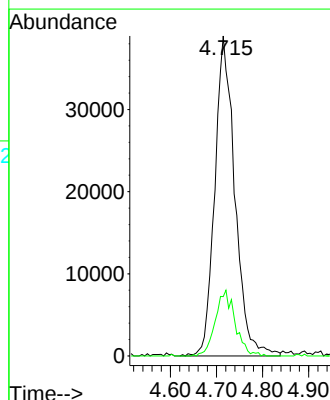
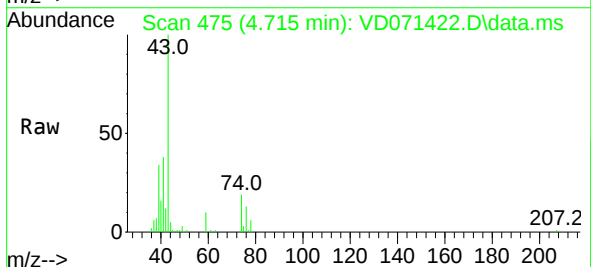
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

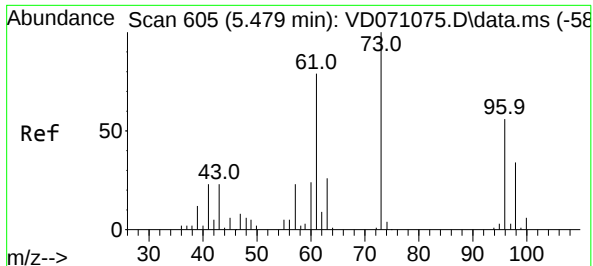
Supervised By :Amit
Patel
12/24/2021



#18
Methyl Acetate
Concen: 306.260 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

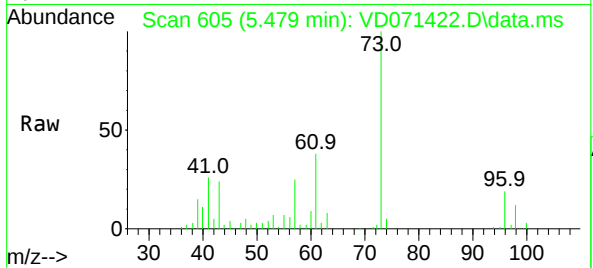
Tgt Ion: 43 Resp: 118084
Ion Ratio Lower Upper
43 100
74 20.2 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 148.987 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

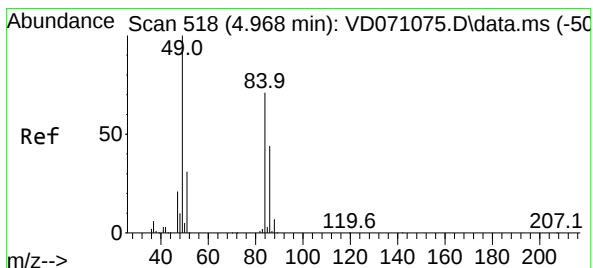
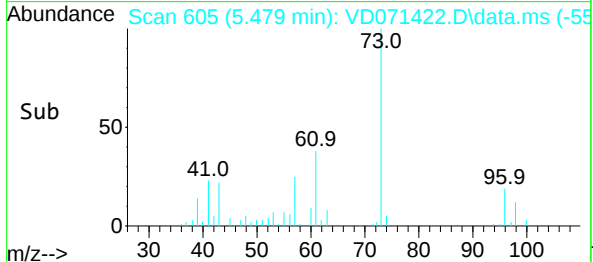
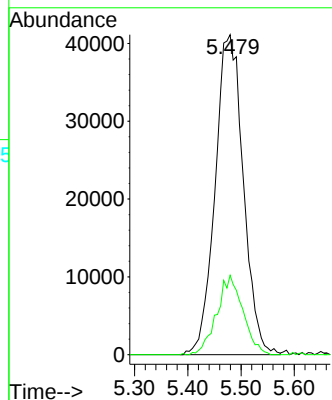


Tgt Ion: 73 Resp: 150960
Ion Ratio Lower Upper
73 100
57 24.8 18.9 28.3

Manual Integrations
APPROVED

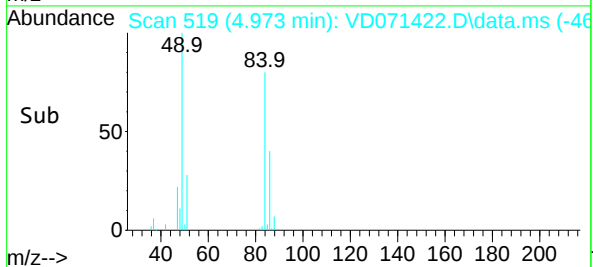
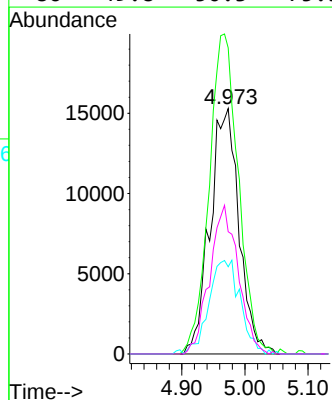
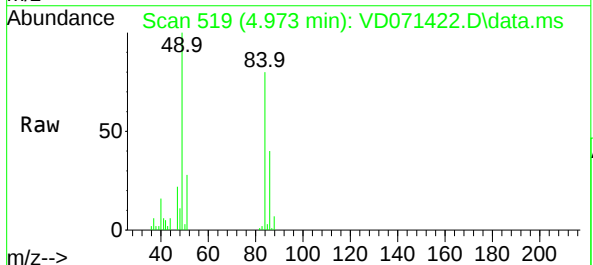
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

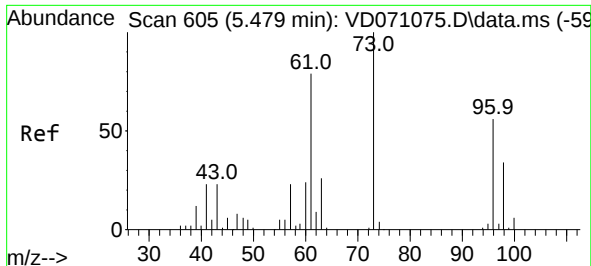
Supervised By :Amit
Patel
12/24/2021



#20
Methylene Chloride
Concen: 96.431 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.005 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

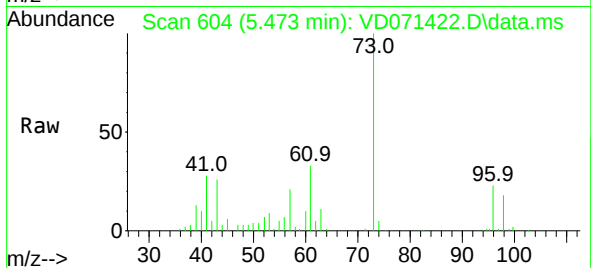
Tgt Ion: 84 Resp: 48806
Ion Ratio Lower Upper
84 100
49 124.7 95.8 143.6
51 35.5 30.9 46.3
86 49.8 50.3 75.5#





#21
trans-1,2-Dichloroethene
Concen: 60.565 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

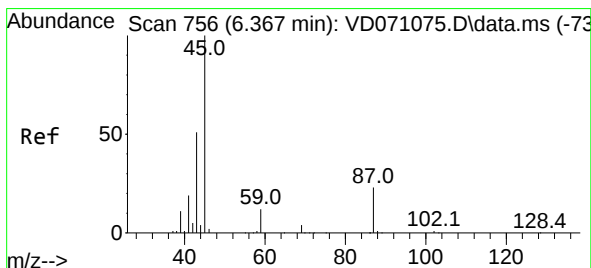
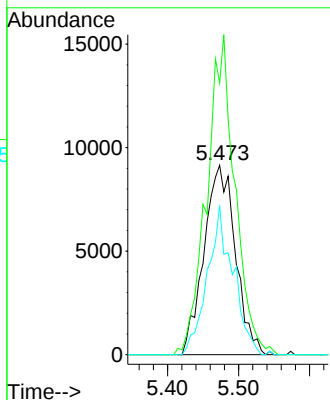
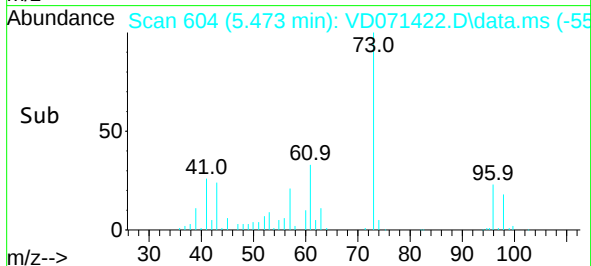


Tgt Ion: 96 Resp: 2818
Ion Ratio Lower Upper
96 100
61 143.4 102.1 153.1
98 78.7 50.1 75.1

Manual Integrations
APPROVED

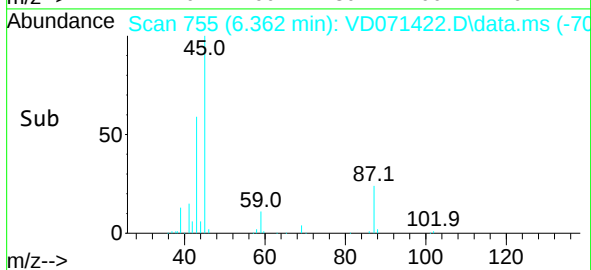
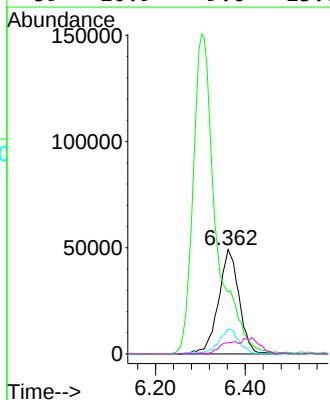
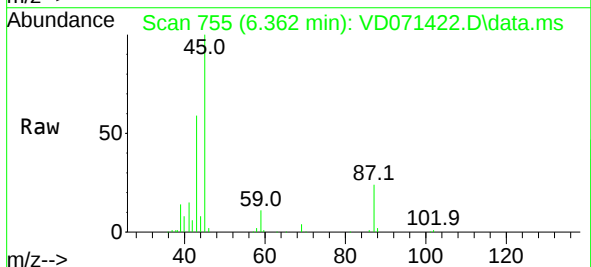
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

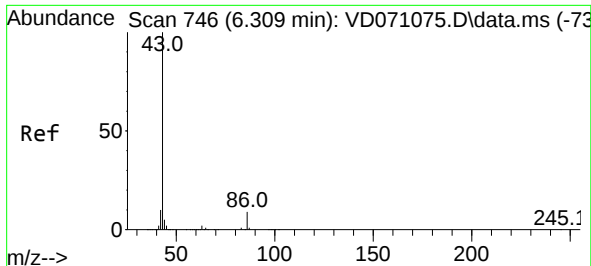
Supervised By :Amit
Patel
12/24/2021



#22
Diisopropyl ether
Concen: 99.506 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

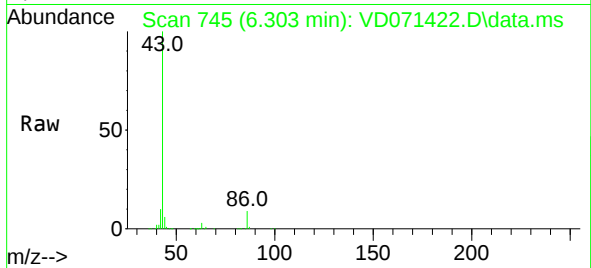
Tgt Ion: 45 Resp: 156563
Ion Ratio Lower Upper
45 100
43 57.6 39.6 59.4
87 24.1 21.2 31.8
59 10.9 9.0 13.6





#23
 Vinyl Acetate
 Concen: 583.009 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD071422.D
 Acq: 21 Dec 2021 20:36

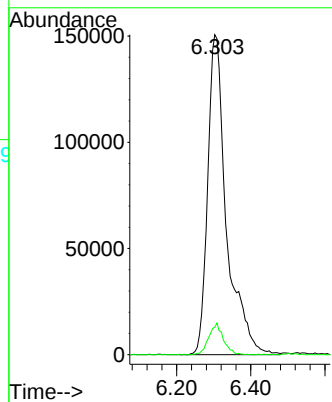
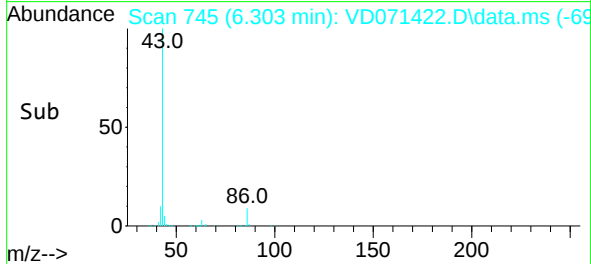
Instrument :
 MSVOA_D
 ClientSampleId :
 HB-2-(20-25)-12-17-21MS



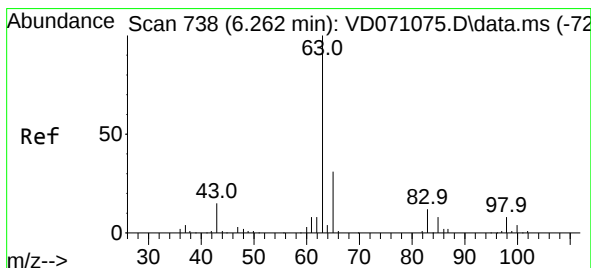
Tgt Ion: 43 Resp: 53067
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.2 12.4

Manual Integrations
 APPROVED

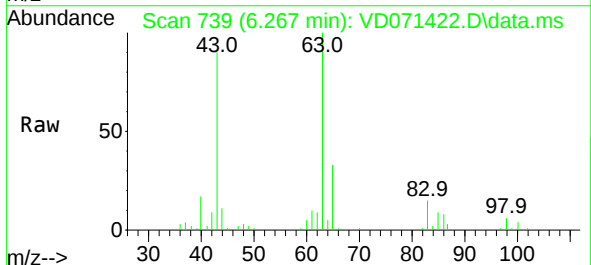
Reviewed By :Semsettin Yesilyurt 12/22/2021
 Supervised By :Amit Patel 12/24/2021



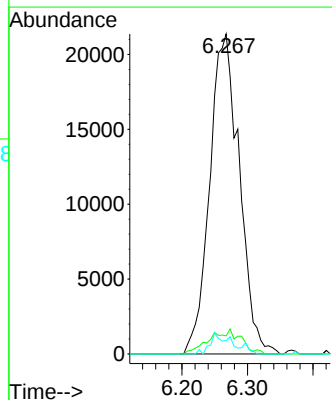
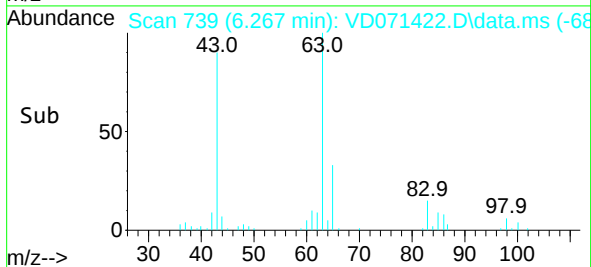
Supervised By :Amit
 Patel
 12/24/2021

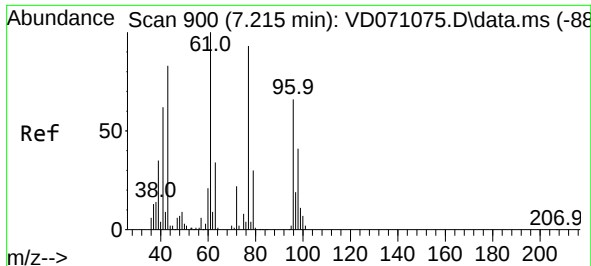


#24
 1,1-Dichloroethane
 Concen: 74.049 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.005 min
 Lab File: VD071422.D
 Acq: 21 Dec 2021 20:36



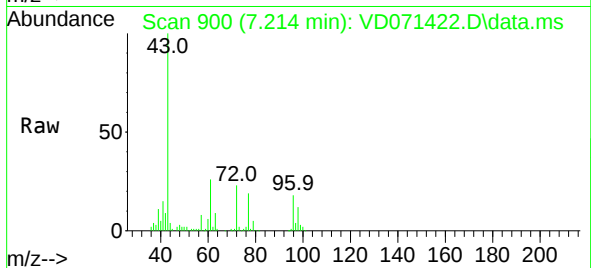
Tgt Ion: 63 Resp: 67013
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.5 10.6
 100 4.2 2.1 6.3





#25
2-Butanone
Concen: 1302.098 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.001 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

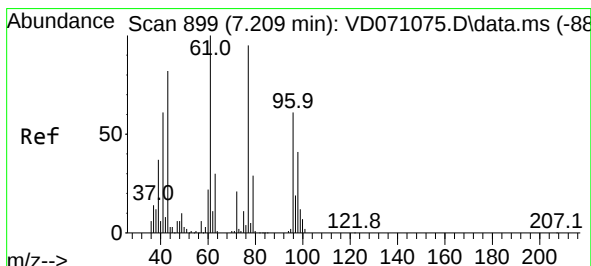
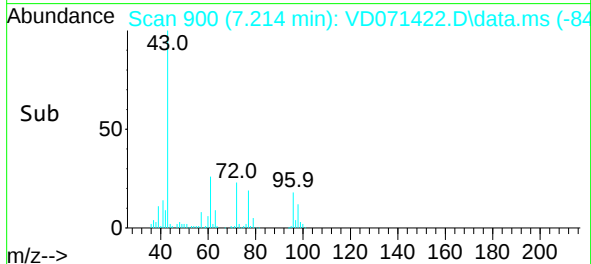
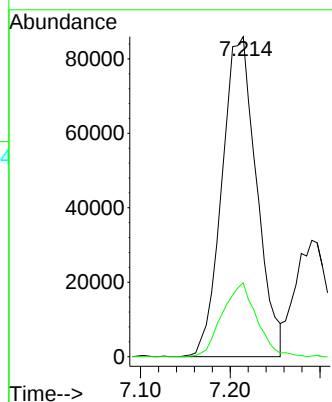


Tgt Ion: 43 Resp: 230258
Ion Ratio Lower Upper
43 100
72 23.1 23.8 35.6

Manual Integrations
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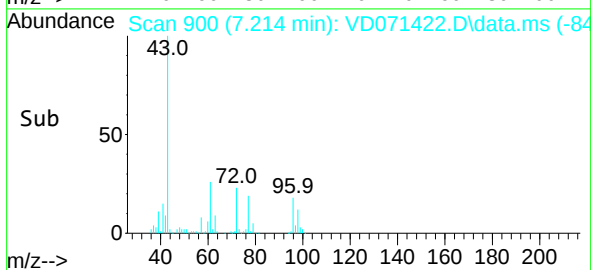
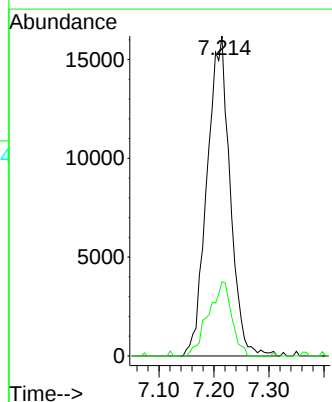
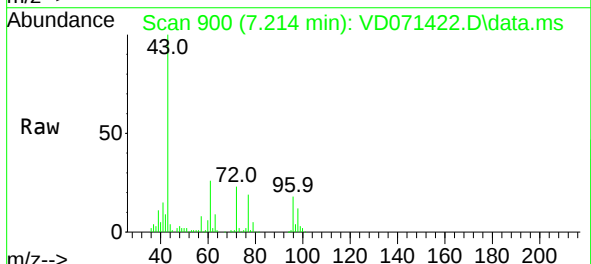
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

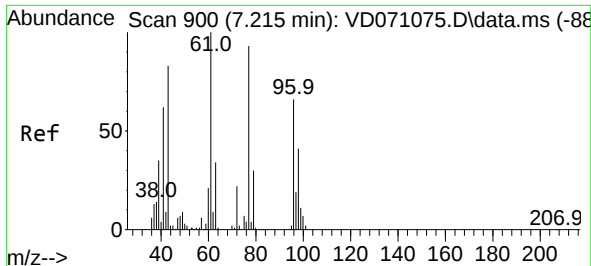
Supervised By :Amit
Patel
12/24/2021



#26
2,2-Dichloropropane
Concen: 57.311 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.005 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

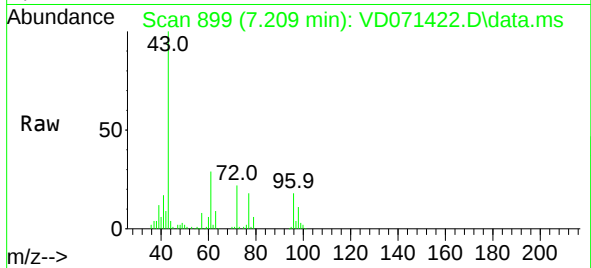
Tgt Ion: 77 Resp: 47163
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 79.552 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

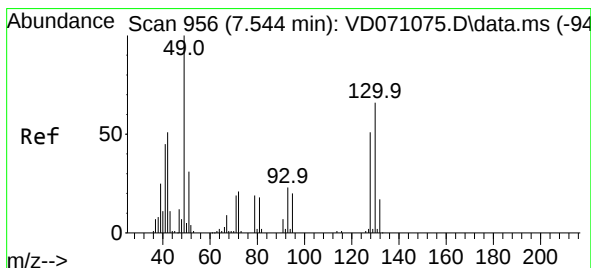
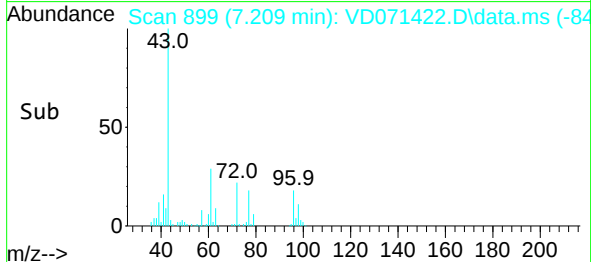
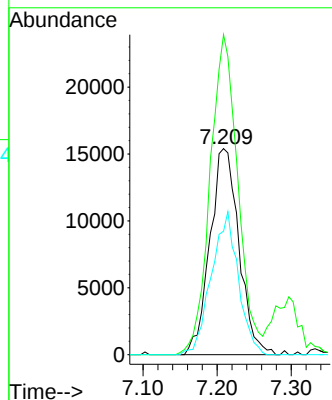


Tgt Ion: 96 Resp: 41880
Ion Ratio Lower Upper
96 100
61 148.9 0.0 288.6
98 64.2 0.0 129.2

Manual Integrations
APPROVED

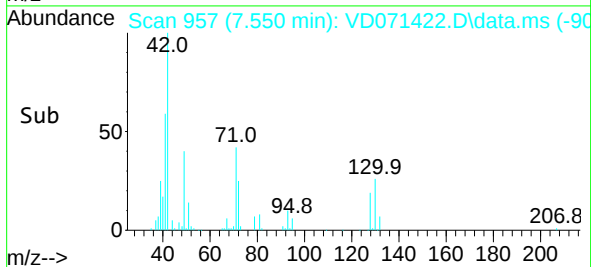
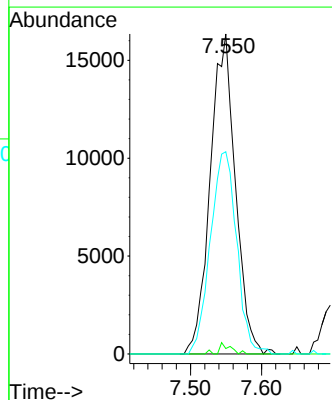
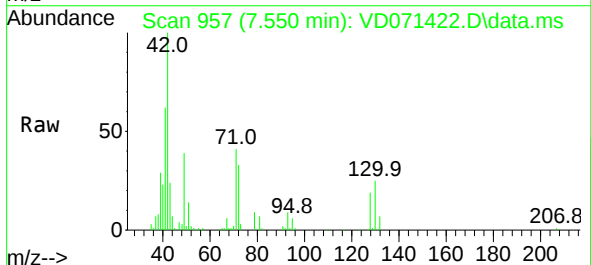
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

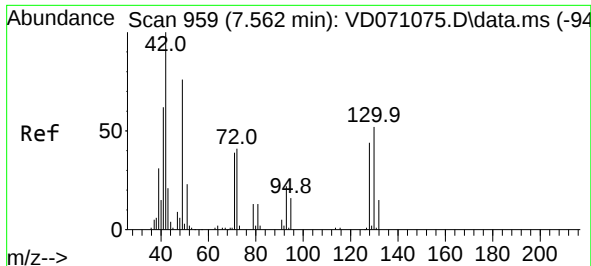
Supervised By :Amit
Patel
12/24/2021



#28
Bromochloromethane
Concen: 102.389 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Tgt Ion: 49 Resp: 40246
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.0
130 65.9 60.2 90.2





#29

Tetrahydrofuran

Concen: 1639.099 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.001 min

Lab File: VD071422.D

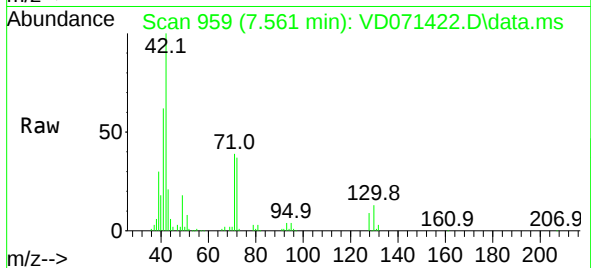
Acq: 21 Dec 2021 20:36

Instrument :

MSVOA_D

ClientSampleId :

HB-2-(20-25)-12-17-21MS

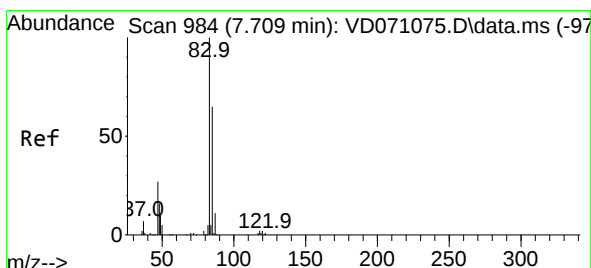
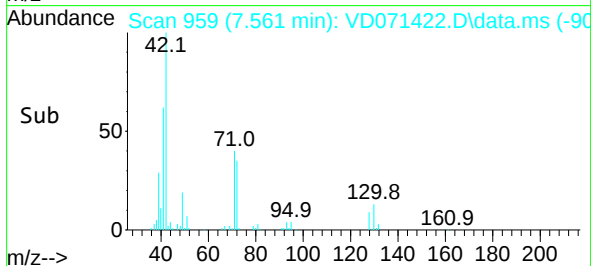
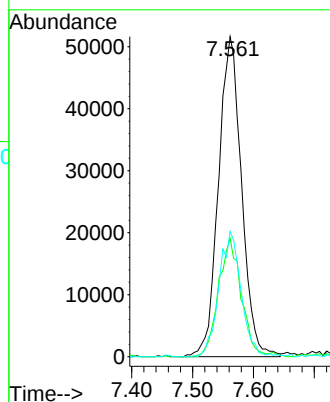


Tgt Ion:	42	Resp:	13601
Ion Ratio	100	Lower	Upper
42	100		
72	36.8	33.7	50.5
71	37.8	32.7	49.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

Supervised By :Amit
Patel
12/24/2021



#30

Chloroform

Concen: 84.259 ug/l

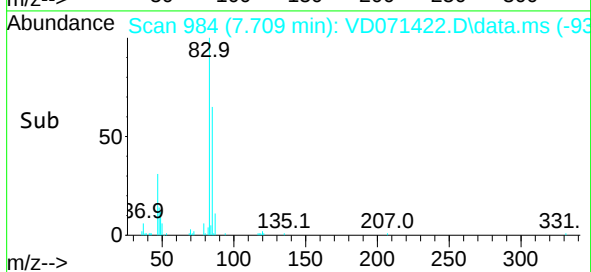
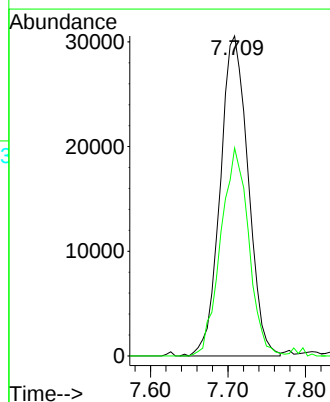
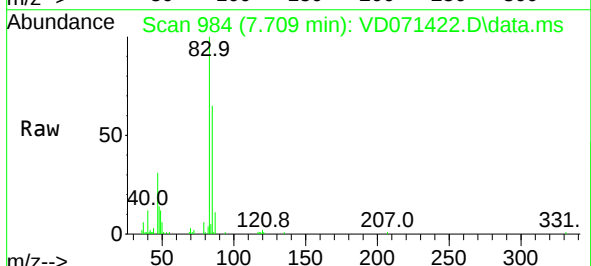
RT: 7.709 min Scan# 984

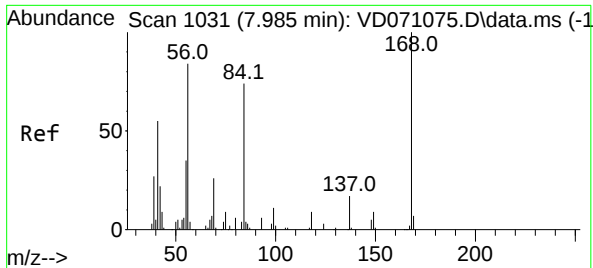
Delta R.T. -0.000 min

Lab File: VD071422.D

Acq: 21 Dec 2021 20:36

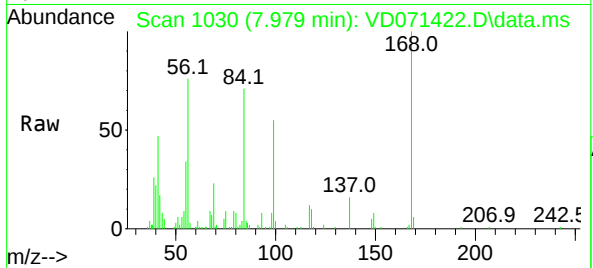
Tgt Ion:	83	Resp:	76527
Ion Ratio	100	Lower	Upper
83	100		
85	65.0	51.0	76.6





#31
Cyclohexane
Concen: 44.447 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

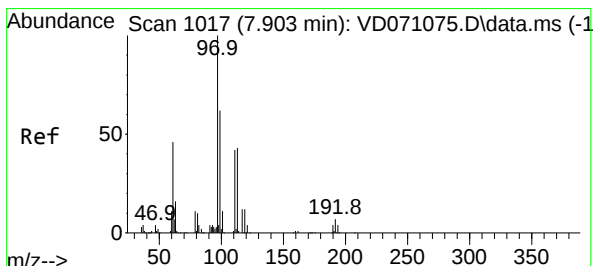
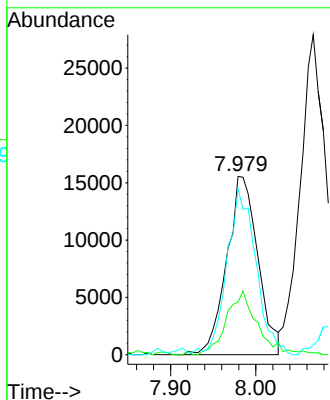
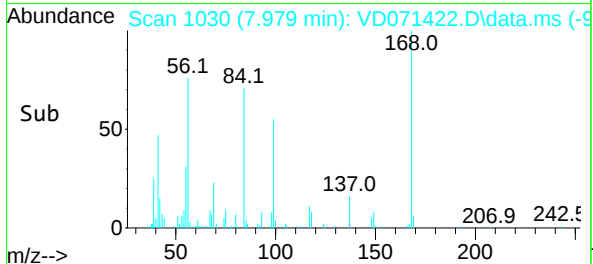


Tgt Ion: 56 Resp: 39509
Ion Ratio Lower Upper
56 100
69 29.6 25.9 38.9
84 90.4 64.3 96.5

Manual Integrations
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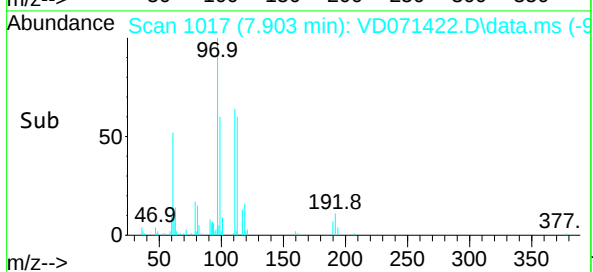
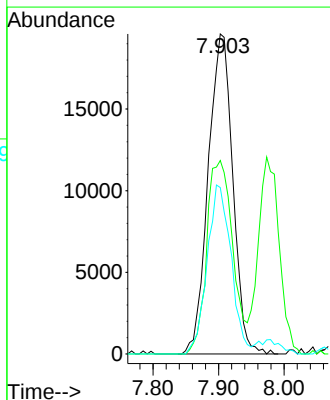
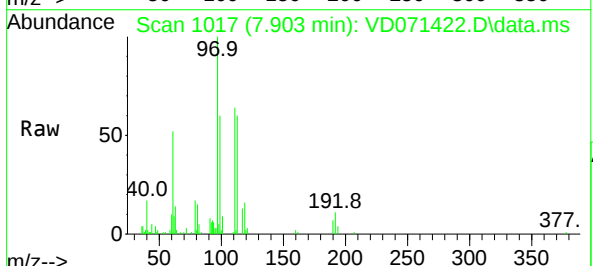
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

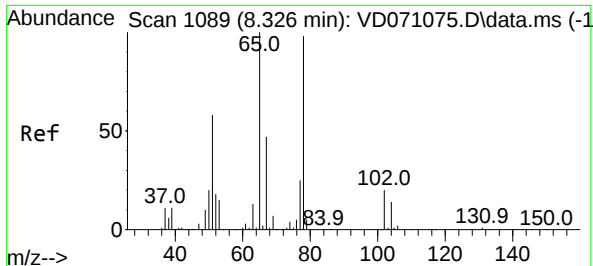
Supervised By :Amit
Patel
12/24/2021



#32
1,1,1-Trichloroethane
Concen: 62.571 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Tgt Ion: 97 Resp: 51022
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 51.3 33.0 49.4#





#33

1,2-Dichloroethane-d4

Concen: 98.908 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071422.D

Acq: 21 Dec 2021 20:36

Instrument :

MSVOA_D

ClientSampleId :

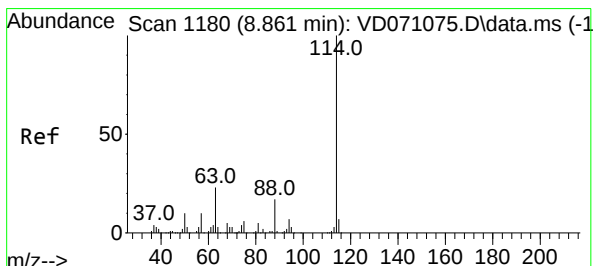
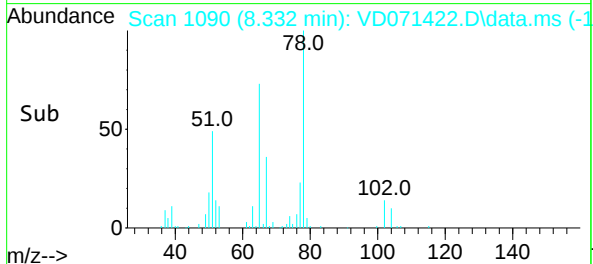
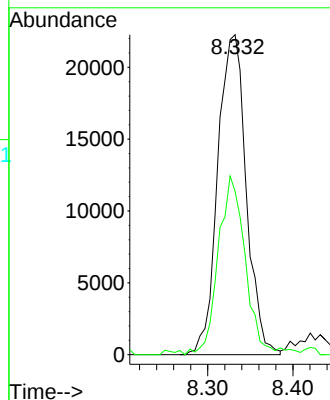
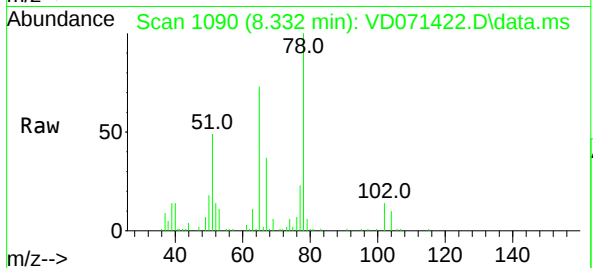
HB-2-(20-25)-12-17-21MS

Tgt Ion: 65 Resp: 5168
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 112.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/22/2021
 Supervised By :Amit Patel 12/24/2021

Supervised By :Amit
 Patel
 12/24/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

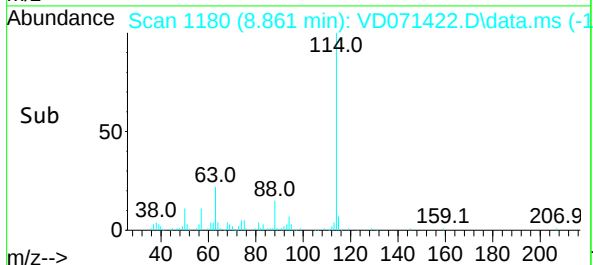
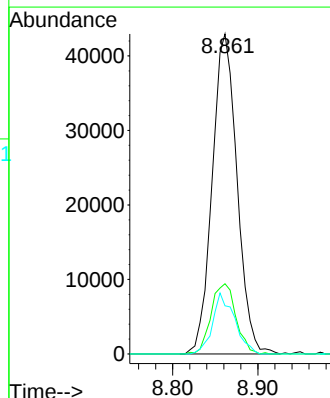
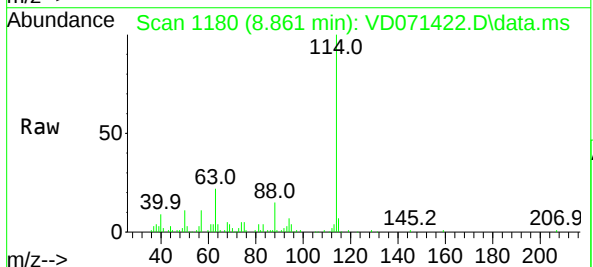
RT: 8.861 min Scan# 1180

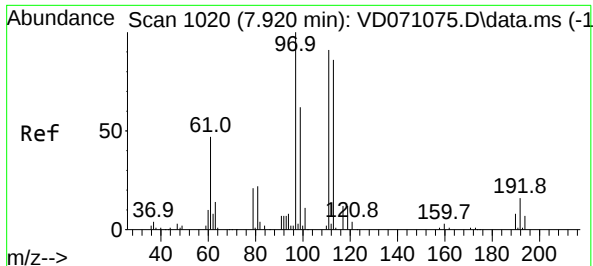
Delta R.T. 0.000 min

Lab File: VD071422.D

Acq: 21 Dec 2021 20:36

Tgt Ion:114 Resp: 87100
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 41.8
 88 15.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 62.880 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.011 min

Lab File: VD071422.D

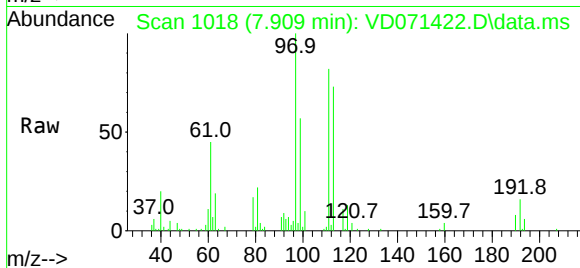
Acq: 21 Dec 2021 20:36

Instrument :

MSVOA_D

ClientSampleId :

HB-2-(20-25)-12-17-21MS

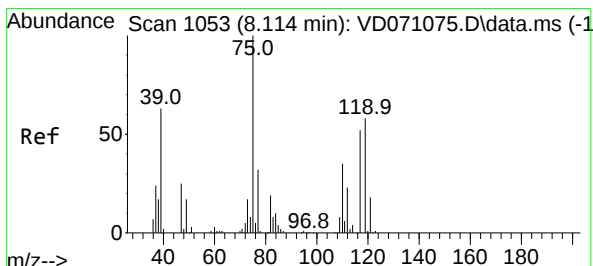
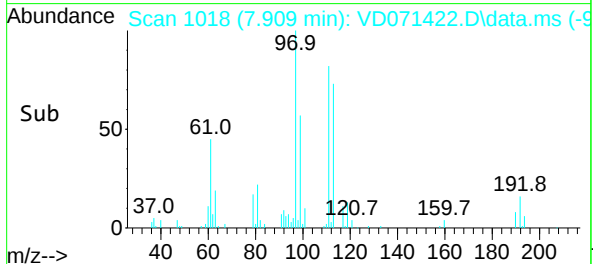
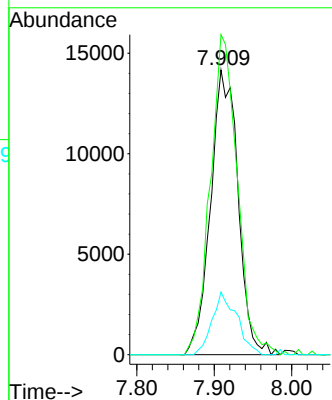


Tgt Ion	Ratio	Lower	Upper
113	100		
111	110.4	82.0	123.0
192	19.8	15.2	22.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

Supervised By :Amit
Patel
12/24/2021



#36

1,1-Dichloropropene

Concen: 47.263 ug/l

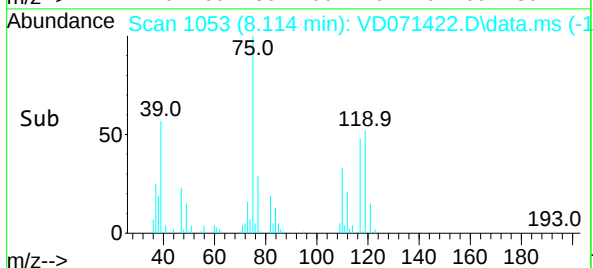
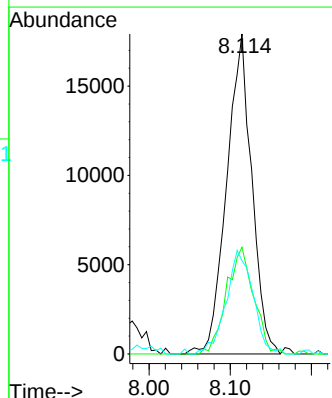
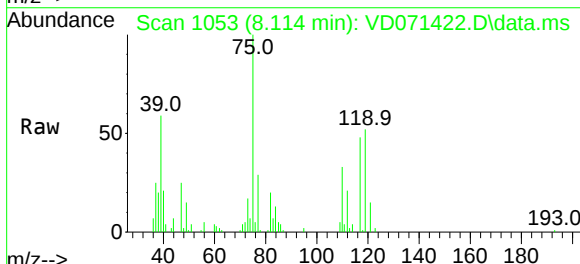
RT: 8.114 min Scan# 1053

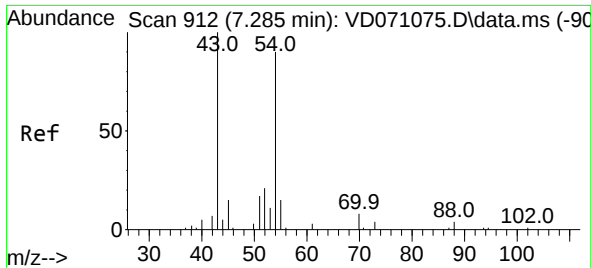
Delta R.T. 0.000 min

Lab File: VD071422.D

Acq: 21 Dec 2021 20:36

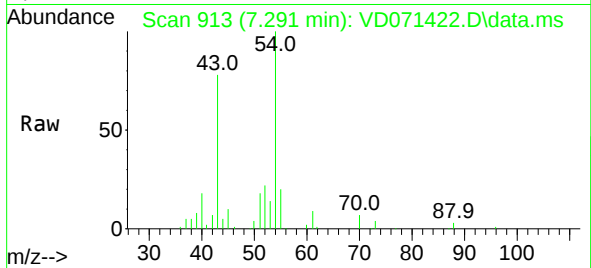
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.8	53.4
77	34.8	24.8	37.2





#37
Ethyl Acetate
Concen: 232.669 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

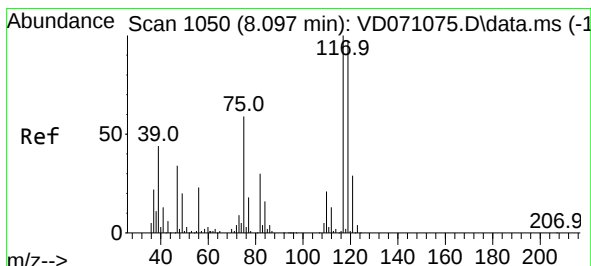
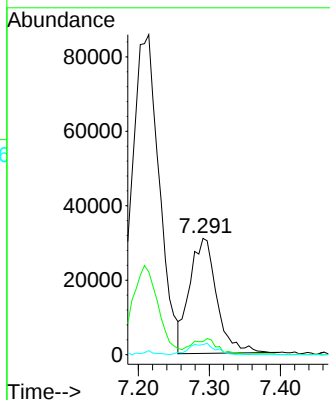
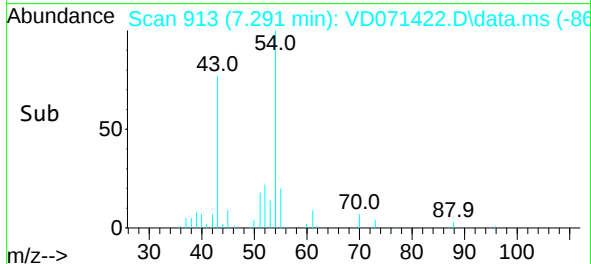


Tgt Ion: 43 Resp: 8181
Ion Ratio Lower Upper
43 100
61 13.3 13.0 19.6
70 9.3 8.7 13.1

Manual Integrations
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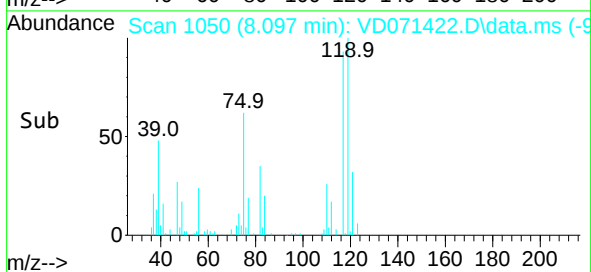
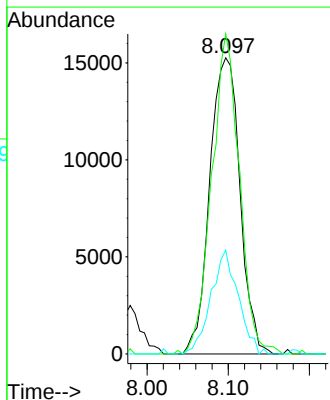
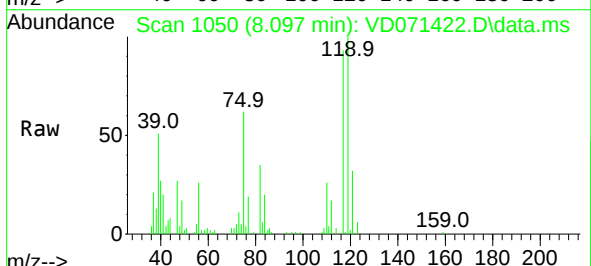
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

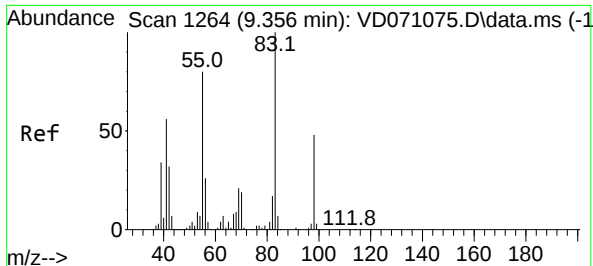
Supervised By :Amit
Patel
12/24/2021



#38
Carbon Tetrachloride
Concen: 49.181 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Tgt Ion:117 Resp: 39466
Ion Ratio Lower Upper
117 100
119 106.9 75.8 113.6
121 35.1 23.6 35.4





#39

Methylcyclohexane

Concen: 35.665 ug/l

RT: 9.355 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD071422.D

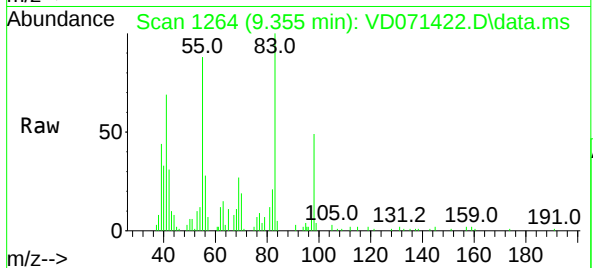
Acq: 21 Dec 2021 20:36

Instrument :

MSVOA_D

ClientSampleId :

HB-2-(20-25)-12-17-21MS

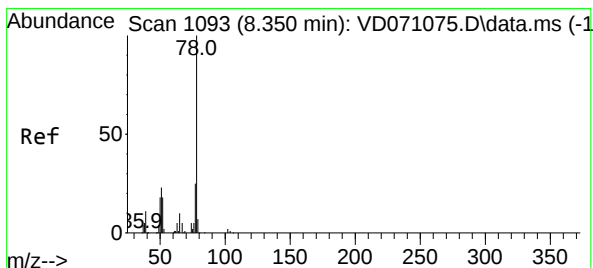
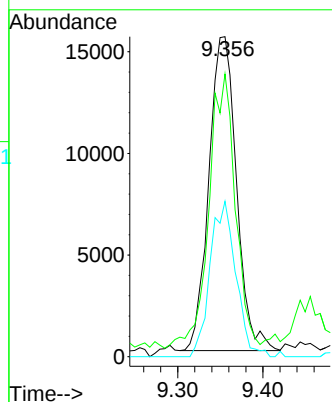


Tgt Ion: 83	Resp: 3492
Ion Ratio	Lower Upper
83	100
55	85.3 65.8 98.8
98	49.5 38.7 58.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

Supervised By :Amit
Patel
12/24/2021



#40

Benzene

Concen: 58.892 ug/l

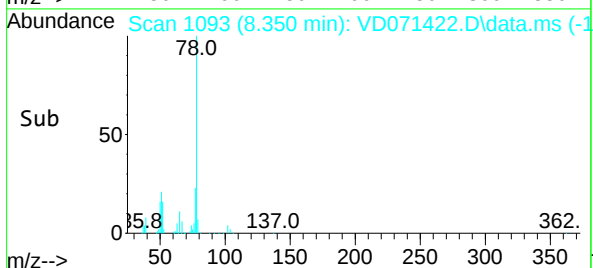
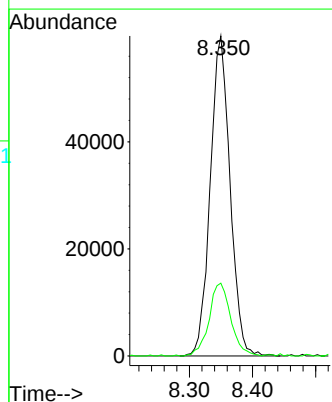
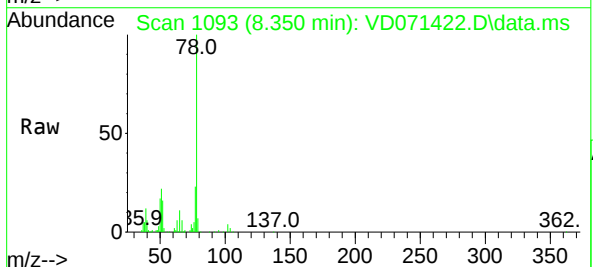
RT: 8.350 min Scan# 1093

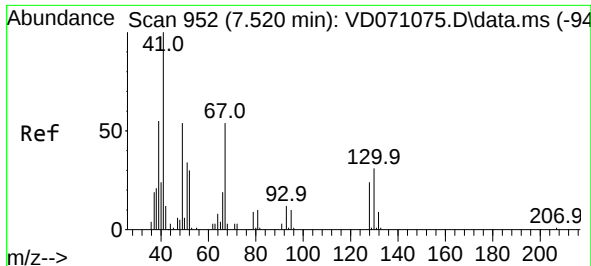
Delta R.T. -0.000 min

Lab File: VD071422.D

Acq: 21 Dec 2021 20:36

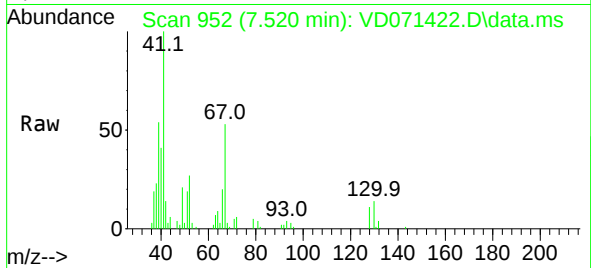
Tgt Ion: 78	Resp: 130223
Ion Ratio	Lower Upper
78	100
77	22.8 19.1 28.7





#41
Methacrylonitrile
Concen: 157.954 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

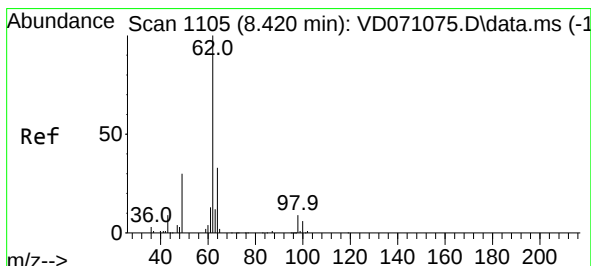
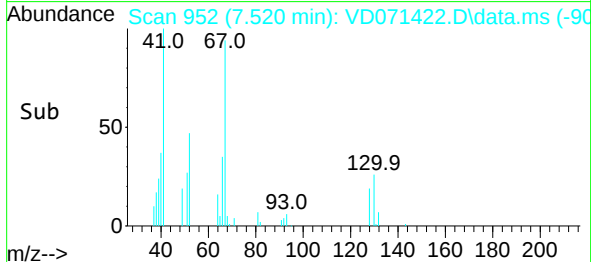
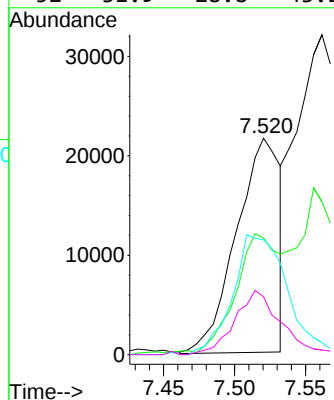


Tgt Ion: 41 Resp: 4608
Ion Ratio Lower Upper
41 100
39 57.0 60.2 90.4
67 69.5 74.8 112.2
52 31.9 28.8 43.2

Manual Integrations
APPROVED

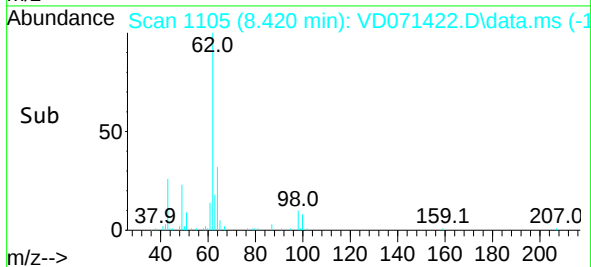
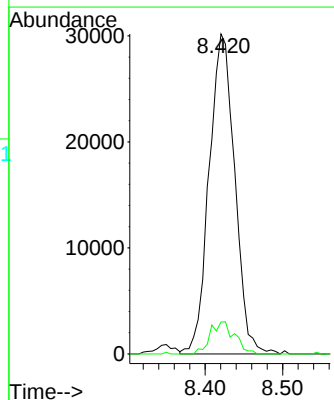
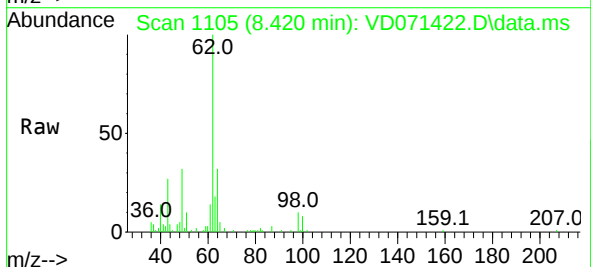
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

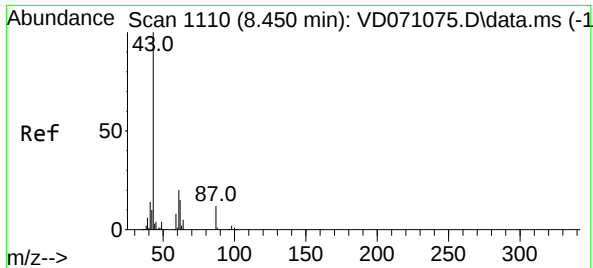
Supervised By :Amit
Patel
12/24/2021



#42
1,2-Dichloroethane
Concen: 102.974 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

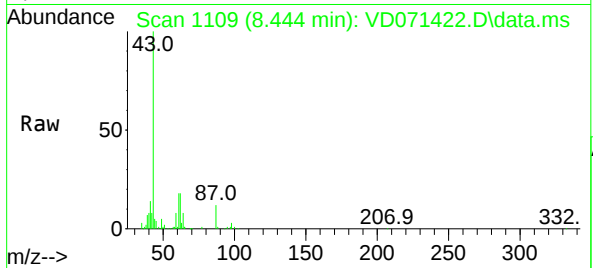
Tgt Ion: 62 Resp: 69504
Ion Ratio Lower Upper
62 100
98 9.5 0.0 21.8





#43
Isopropyl Acetate
Concen: 159.105 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

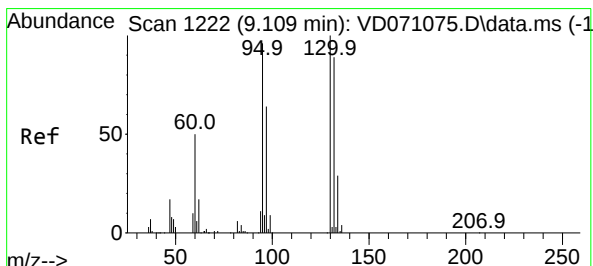
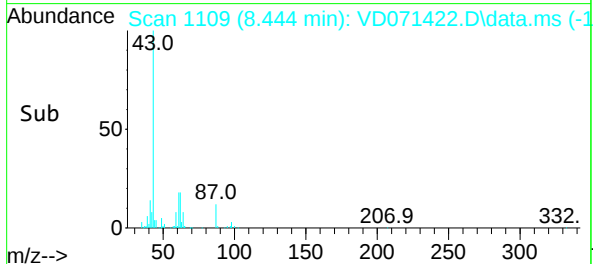
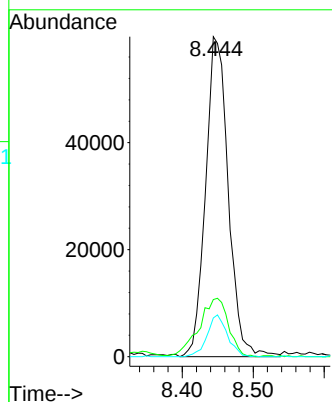


Tgt Ion: 43 Resp: 13295
Ion Ratio Lower Upper
43 100
61 23.7 28.2 42.4
87 11.7 10.7 16.1

Manual Integrations
APPROVED

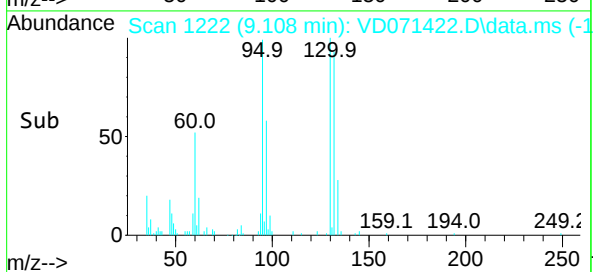
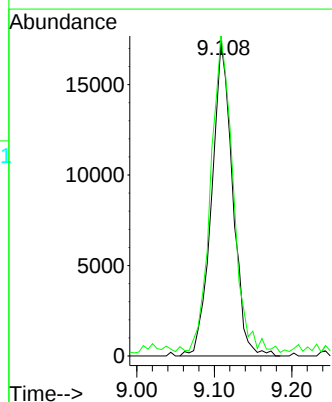
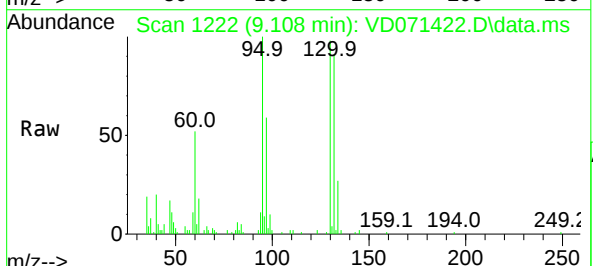
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

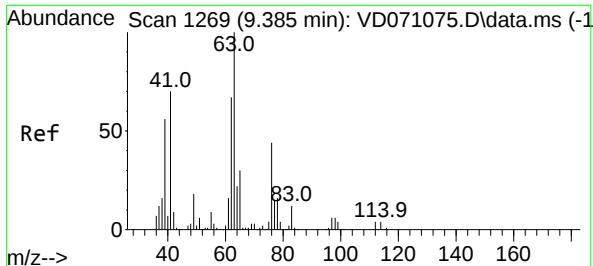
Supervised By :Amit
Patel
12/24/2021



#44
Trichloroethene
Concen: 55.652 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.001 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Tgt Ion:130 Resp: 32811
Ion Ratio Lower Upper
130 100
95 100.7 0.0 193.2





#45

1,2-Dichloropropane

Concen: 77.195 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071422.D

Acq: 21 Dec 2021 20:36

Instrument :

MSVOA_D

ClientSampleId :

HB-2-(20-25)-12-17-21MS

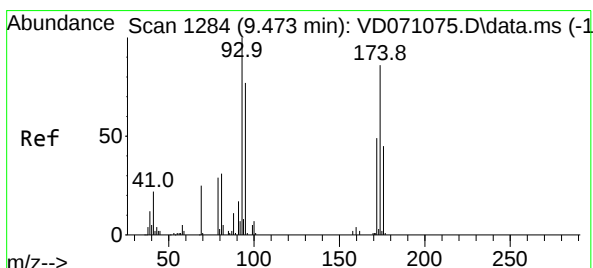
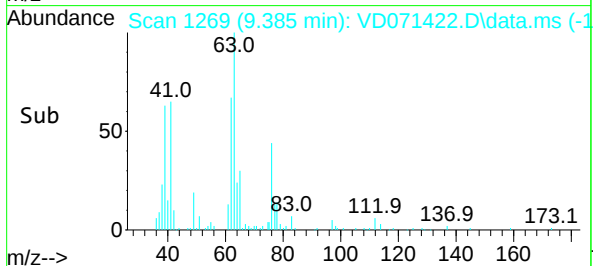
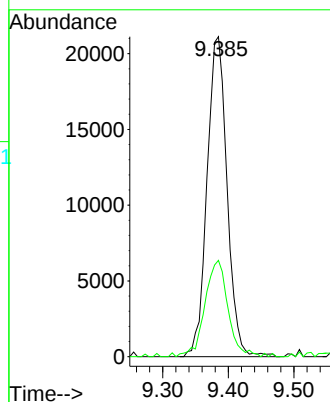
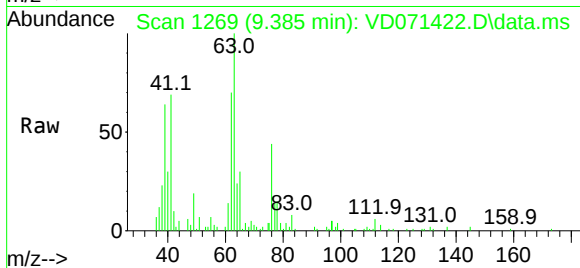
Tgt Ion: 63 Resp: 44890
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021
 Supervised By :Amit Patel 12/24/2021

Supervised By :Amit
 Patel
 12/24/2021



#46

Dibromomethane

Concen: 119.530 ug/l

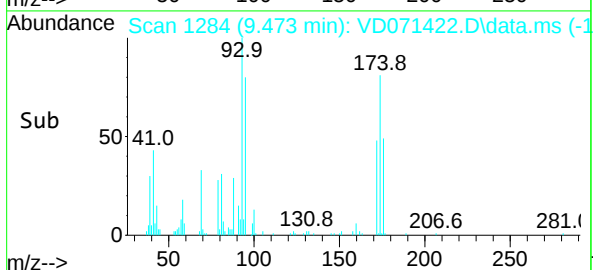
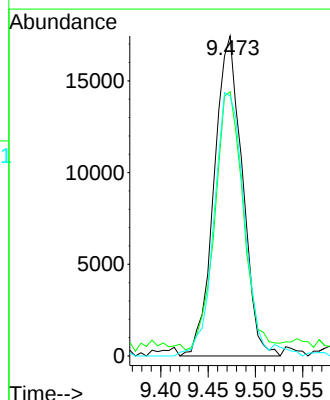
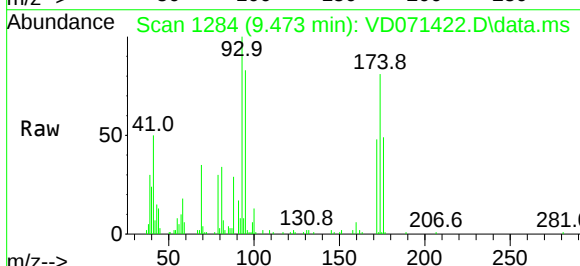
RT: 9.473 min Scan# 1284

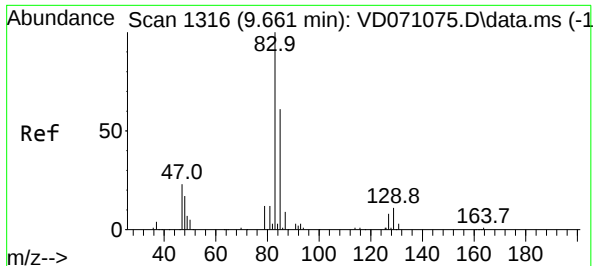
Delta R.T. 0.000 min

Lab File: VD071422.D

Acq: 21 Dec 2021 20:36

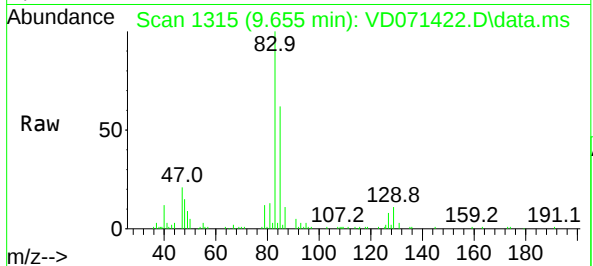
Tgt Ion: 93 Resp: 36062
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.1 99.1
 174 86.7 78.6 117.8





#47
Bromodichloromethane
Concen: 84.805 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

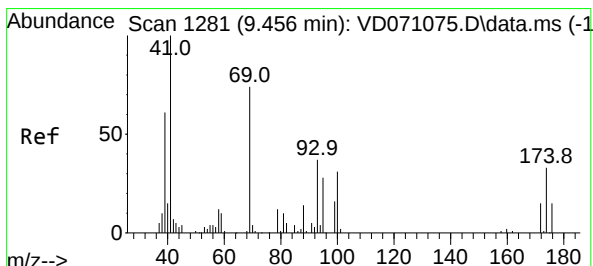
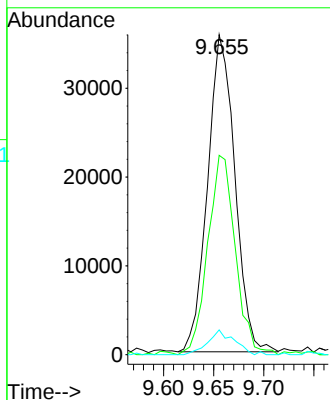
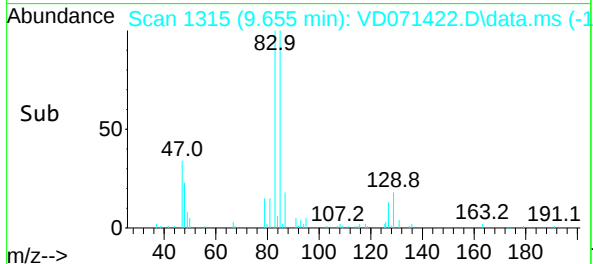


Tgt Ion: 83 Resp: 67664
Ion Ratio Lower Upper
83 100
85 62.9 50.0 75.0
127 7.8 7.3 10.9

Manual Integrations
APPROVED

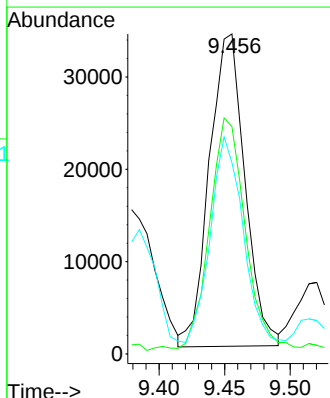
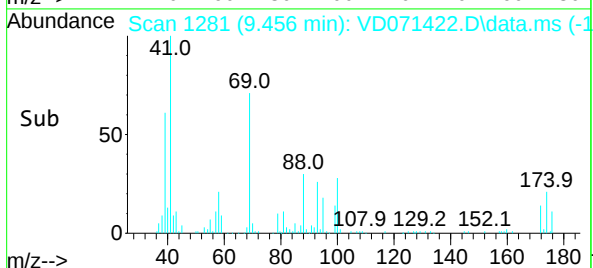
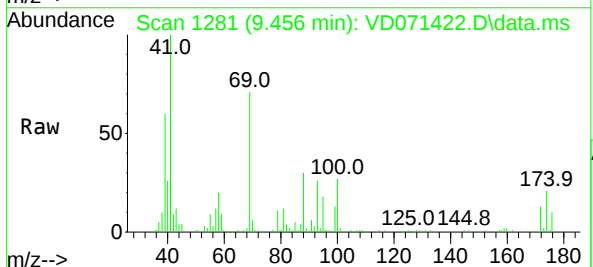
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

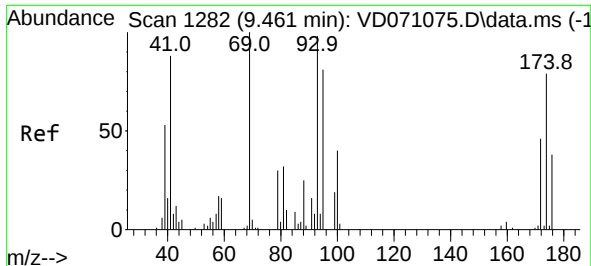
Supervised By :Amit
Patel
12/24/2021



#48
Methyl methacrylate
Concen: 185.304 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Tgt Ion: 41 Resp: 63783
Ion Ratio Lower Upper
41 100
69 73.4 69.8 104.6
39 67.2 35.6 53.4#





#49

1,4-Dioxane

Concen: 7140.351 ug/l

RT: 9.456 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD071422.D

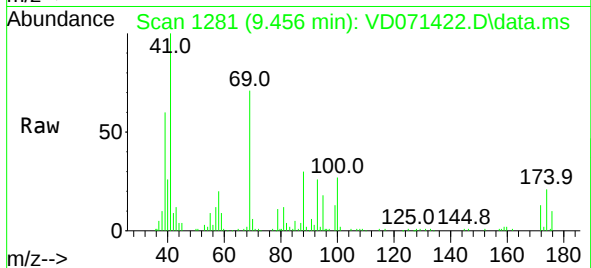
Acq: 21 Dec 2021 20:36

Instrument :

MSVOA_D

ClientSampleId :

HB-2-(20-25)-12-17-21MS

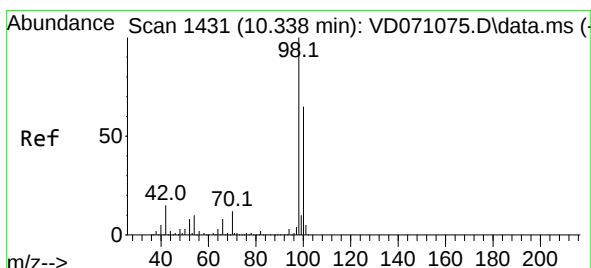
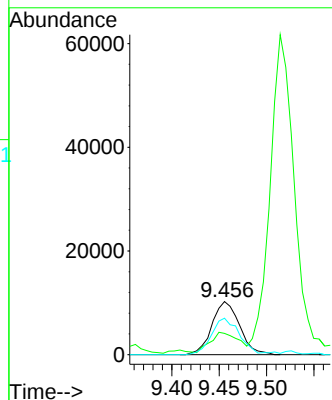
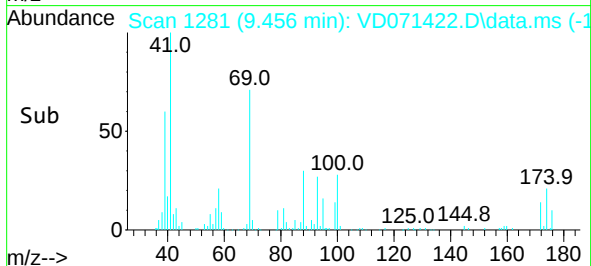


Tgt Ion:	88	Resp:	2079
Ion Ratio	Lower	Upper	
88	100		
43	37.9	28.9	43.3
58	70.1	56.3	84.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

Supervised By :Amit
Patel
12/24/2021



#50

Toluene-d8

Concen: 49.192 ug/l

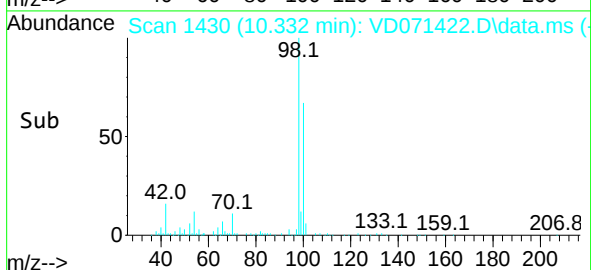
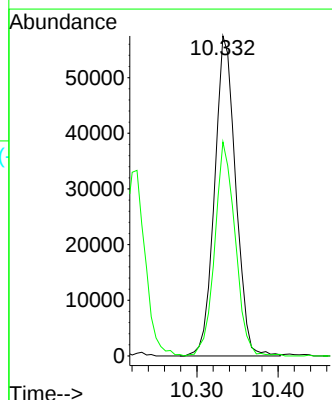
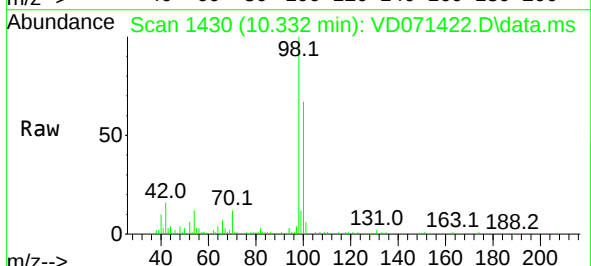
RT: 10.332 min Scan# 1430

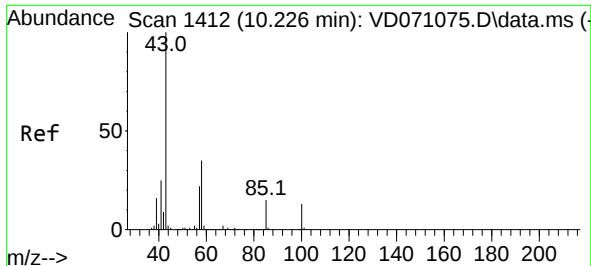
Delta R.T. -0.006 min

Lab File: VD071422.D

Acq: 21 Dec 2021 20:36

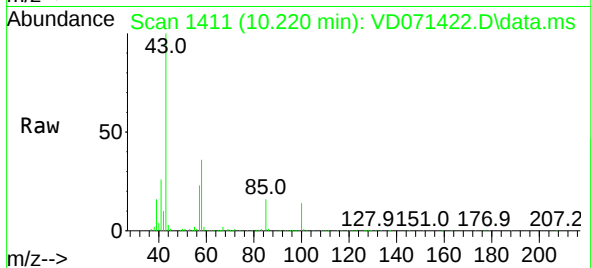
Tgt Ion:	98	Resp:	103829
Ion Ratio	Lower	Upper	
98	100		
100	64.9	51.8	77.6





#51
4-Methyl-2-Pentanone
Concen: 987.056 ug/l
RT: 10.220 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

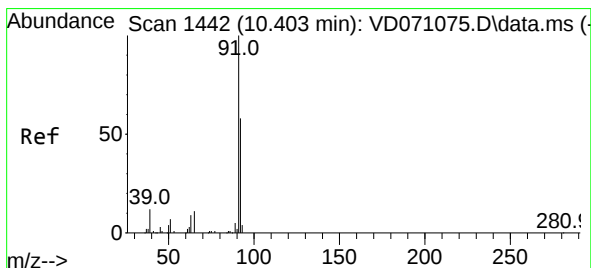
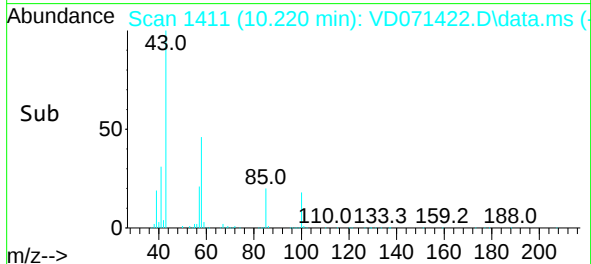
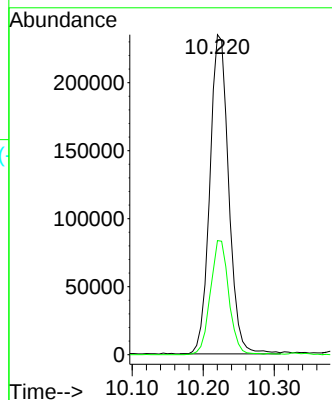


Tgt Ion: 43 Resp: 432235
Ion Ratio Lower Upper
43 100
58 35.0 33.1 49.7

Manual Integrations
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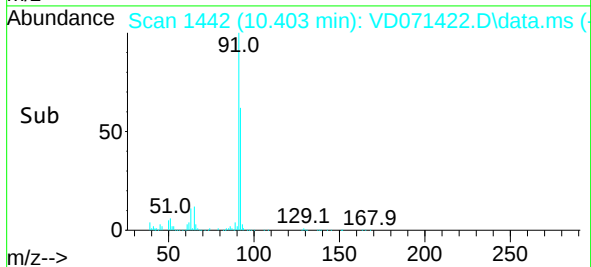
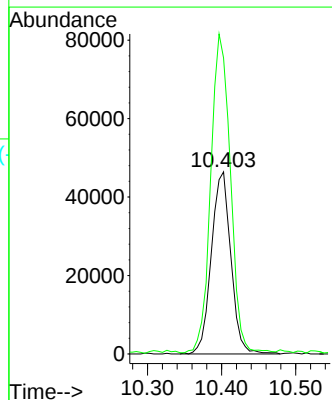
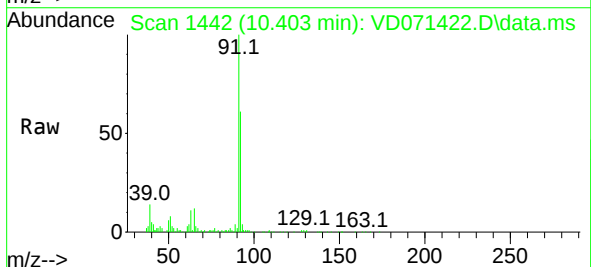
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

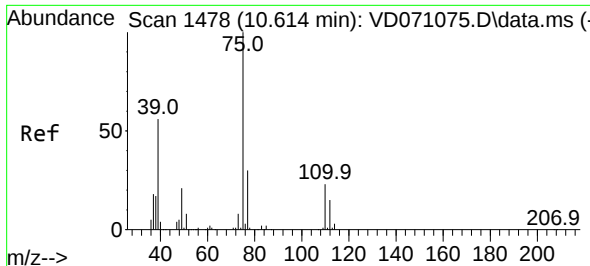
Supervised By :Amit
Patel
12/24/2021



#52
Toluene
Concen: 60.490 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

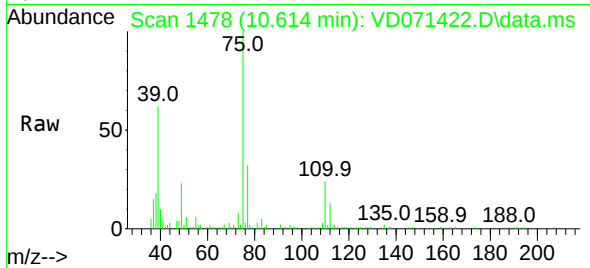
Tgt Ion: 92 Resp: 84867
Ion Ratio Lower Upper
92 100
91 176.1 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 98.693 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

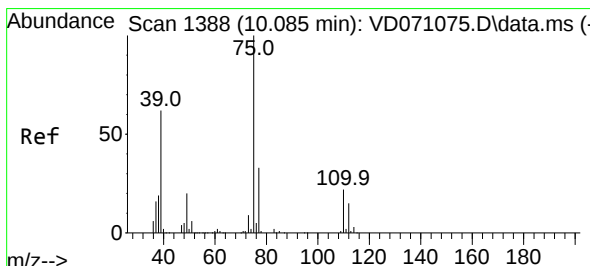
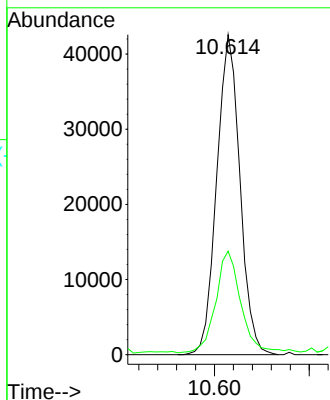
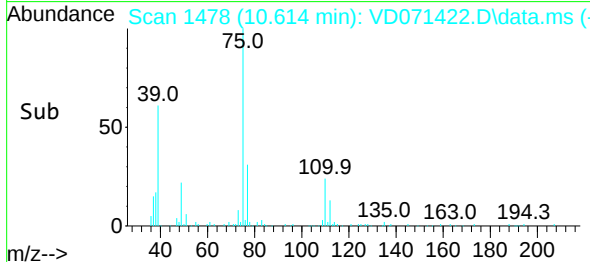
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS



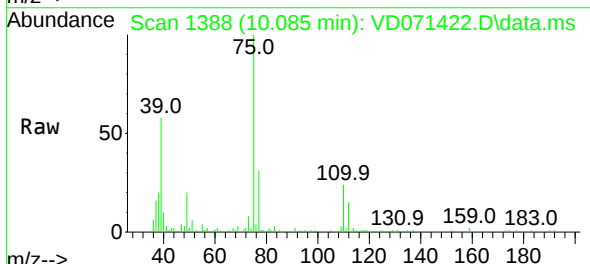
Tgt Ion: 75 Resp: 72399
Ion Ratio Lower Upper
75 100
77 31.8 24.5 36.7

Manual Integrations
APPROVED

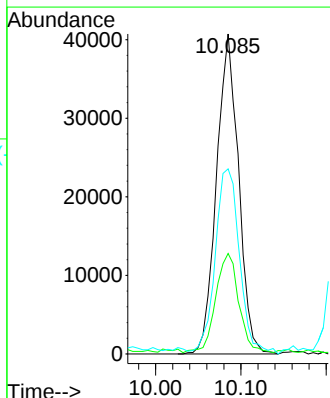
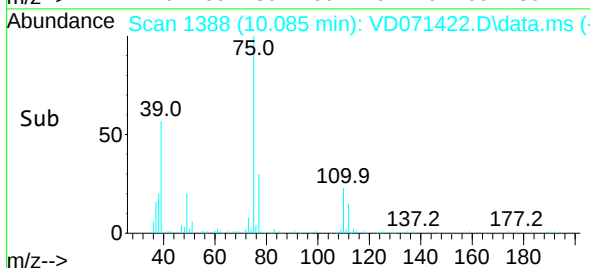
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

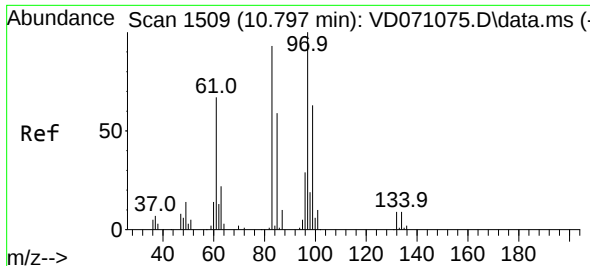


#54
cis-1,3-Dichloropropene
Concen: 83.975 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36



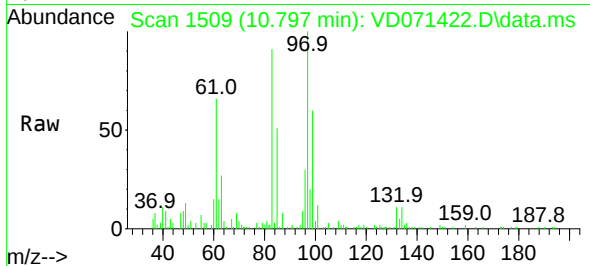
Tgt Ion: 75 Resp: 73173
Ion Ratio Lower Upper
75 100
77 30.3 25.0 37.6
39 57.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 126.114 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

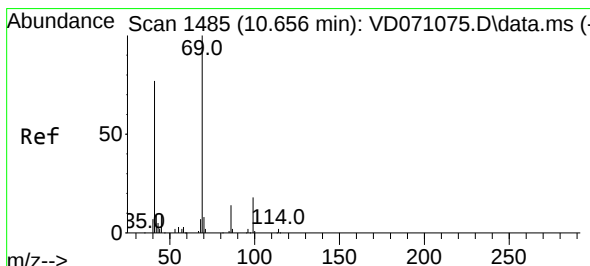
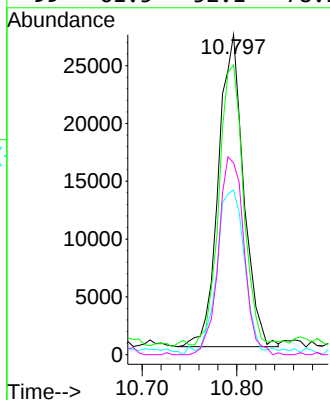
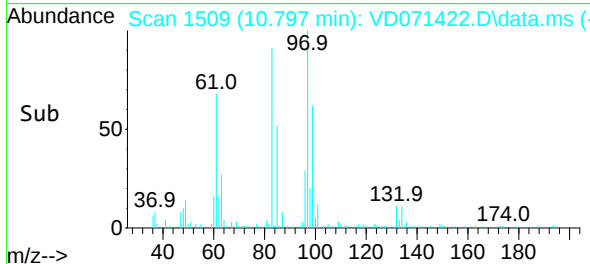


Tgt Ion: 97 Resp: 49914
Ion Ratio Lower Upper
97 100
83 89.2 65.2 97.8
85 51.8 43.4 65.0
99 61.5 52.1 78.1

Manual Integrations
APPROVED

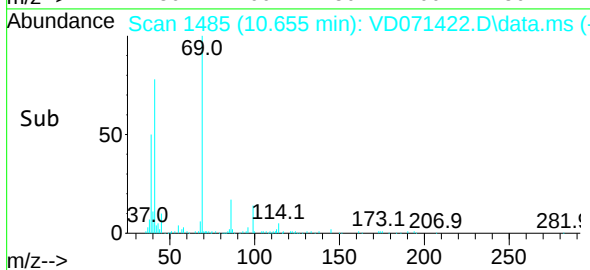
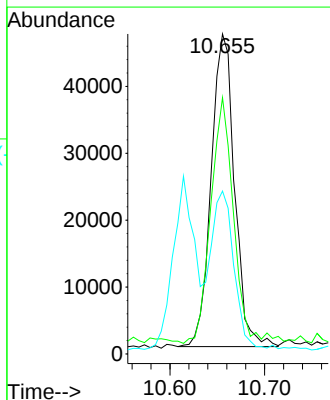
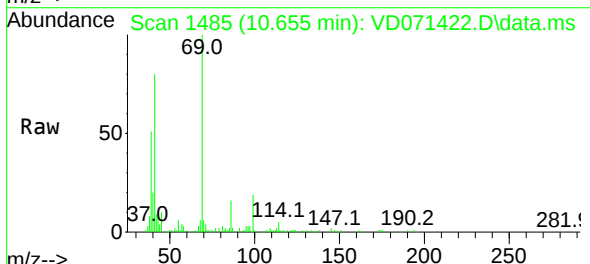
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

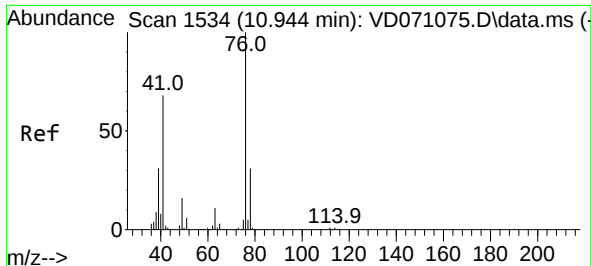
Supervised By :Amit
Patel
12/24/2021



#56
Ethyl methacrylate
Concen: 129.692 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Tgt Ion: 69 Resp: 80052
Ion Ratio Lower Upper
69 100
41 75.6 50.2 75.2#
39 50.5 19.8 29.8#





#57

1,3-Dichloropropane

Concen: 118.527 ug/l

RT: 10.938 min Scan# 1534

Delta R.T. -0.006 min

Lab File: VD071422.D

Acq: 21 Dec 2021 20:36

Instrument :

MSVOA_D

ClientSampleId :

HB-2-(20-25)-12-17-21MS

Tgt Ion: 76 Resp: 82409

Ion Ratio Lower Upper

76 100

78 34.7 25.8 38.6

Manual Integrations

APPROVED

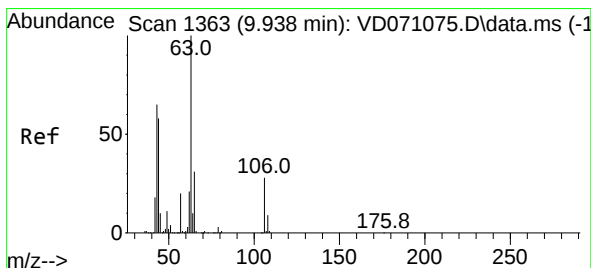
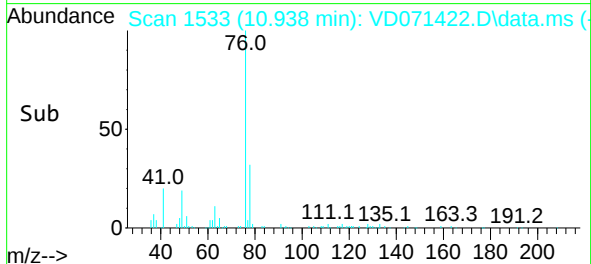
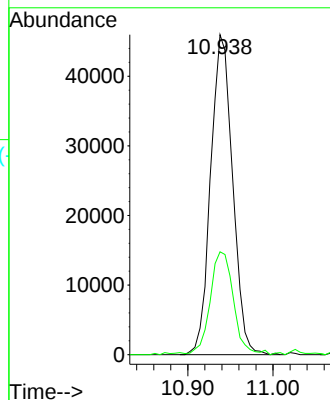
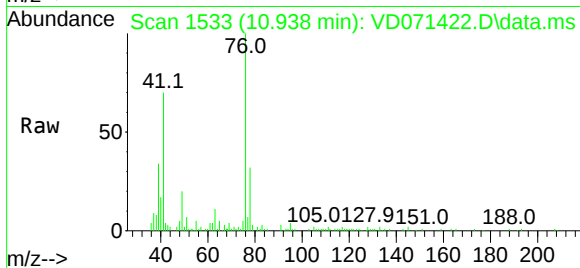
Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021

Supervised By :Amit

Patel

12/24/2021



#58

2-Chloroethyl Vinyl ether

Concen: 723.513 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071422.D

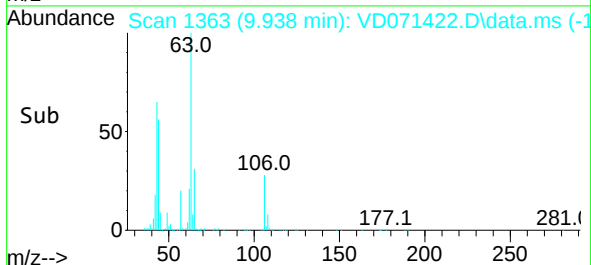
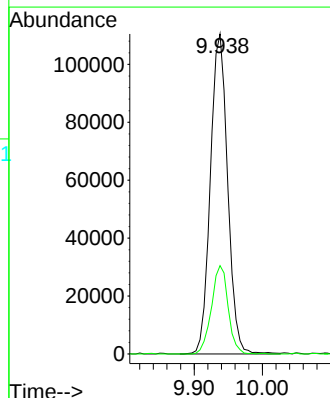
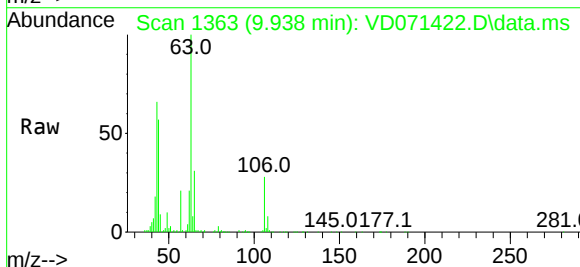
Acq: 21 Dec 2021 20:36

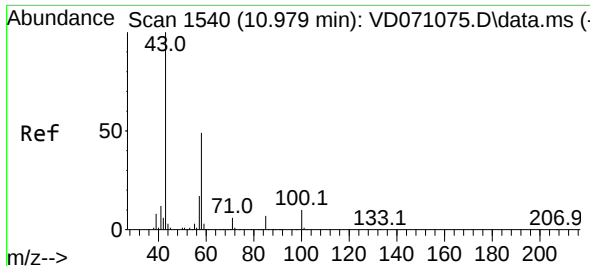
Tgt Ion: 63 Resp: 194859

Ion Ratio Lower Upper

63 100

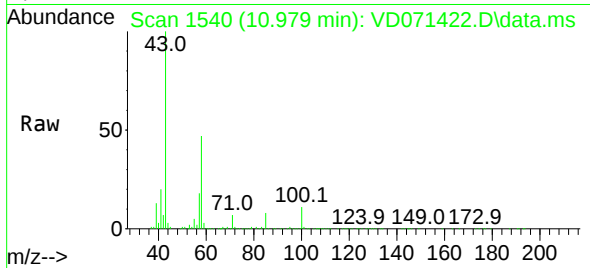
106 26.6 21.0 31.4





#59
2-Hexanone
Concen: 993.948 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

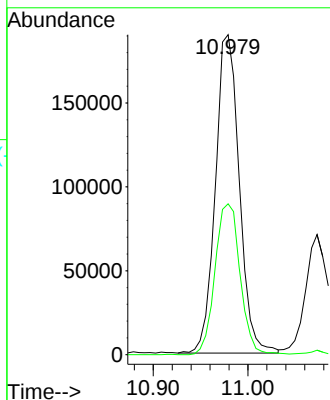
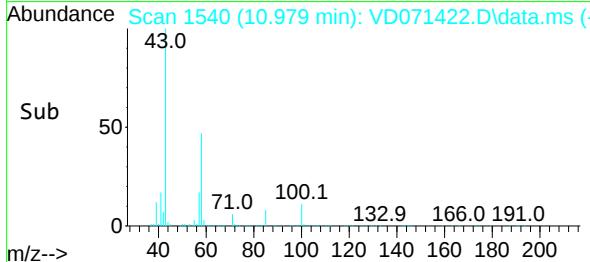
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS



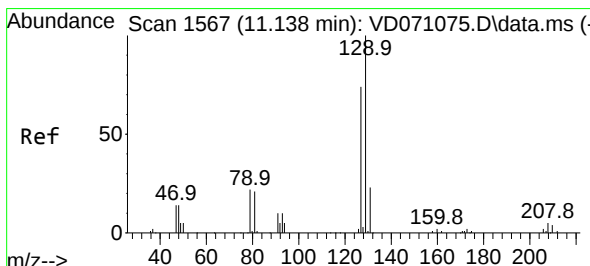
Tgt Ion: 43 Resp: 332648
Ion Ratio Lower Upper
43 100
58 49.7 28.7 86.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

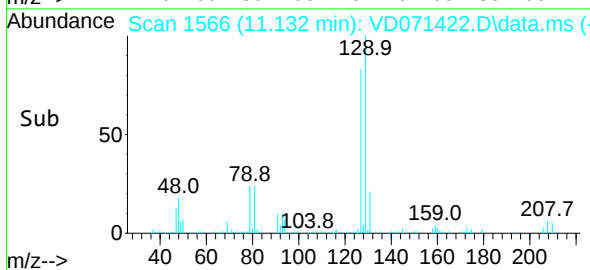
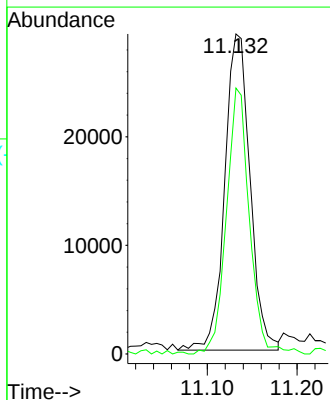
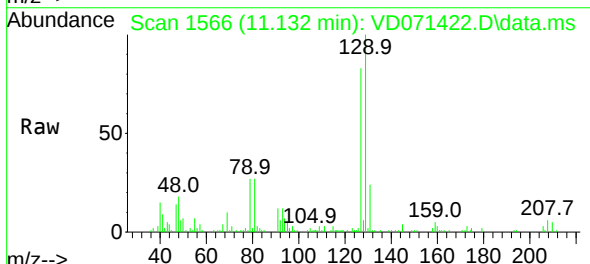


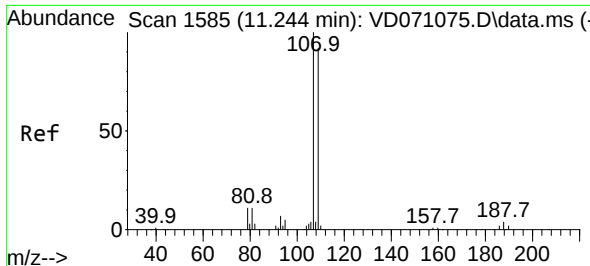
Supervised By :Amit
Patel
12/24/2021



#60
Dibromochloromethane
Concen: 115.991 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

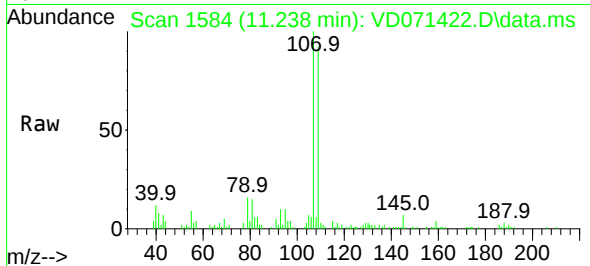
Tgt Ion:129 Resp: 57056
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.6





#61
1,2-Dibromoethane
Concen: 141.621 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

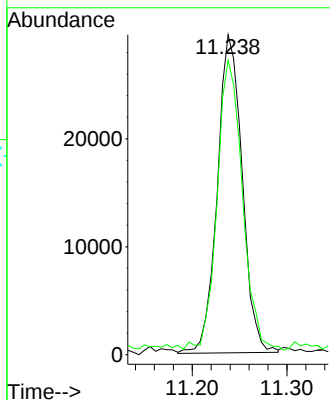
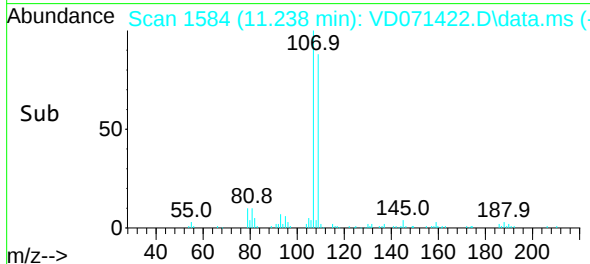
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS



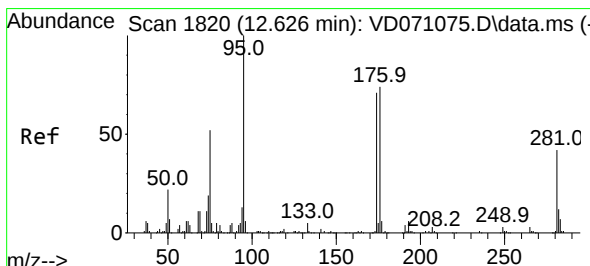
Tgt Ion:107 Resp: 5383
Ion Ratio Lower Upper
107 100
109 92.7 74.6 112.0

Manual Integrations
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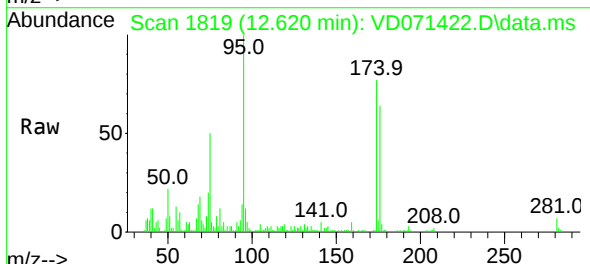
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



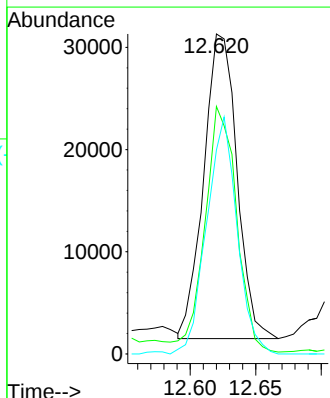
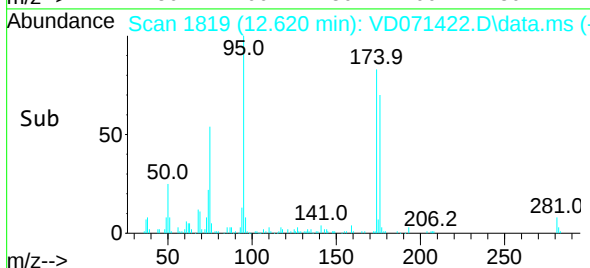
Supervised By :Amit
Patel
12/24/2021

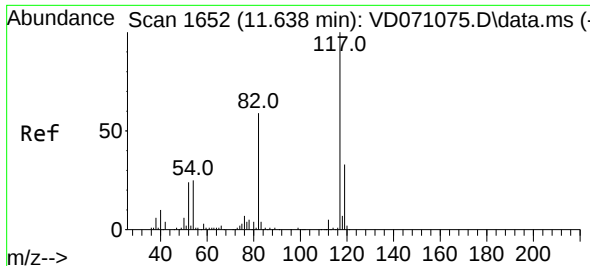


#62
4-Bromofluorobenzene
Concen: 71.828 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36



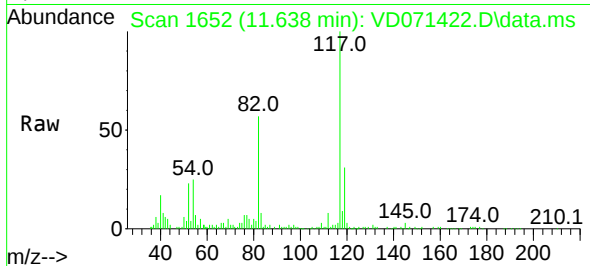
Tgt Ion: 95 Resp: 52553
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.4
176 71.1 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

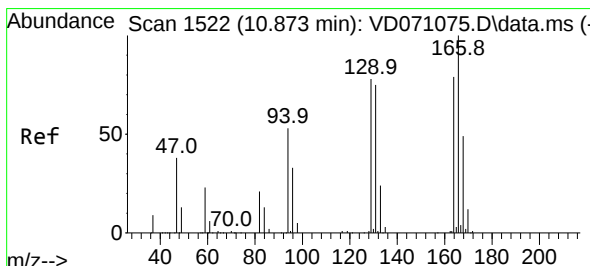
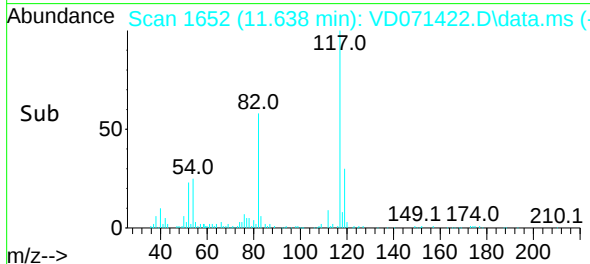
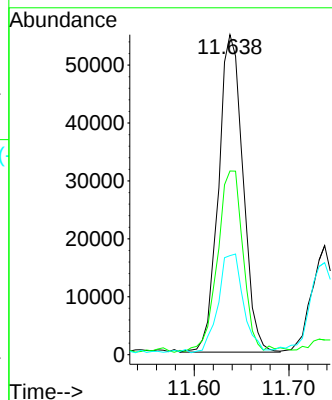


Tgt Ion:117 Resp: 98669
Ion Ratio Lower Upper
117 100
82 56.5 44.7 67.1
119 30.2 26.2 39.4

Manual Integrations
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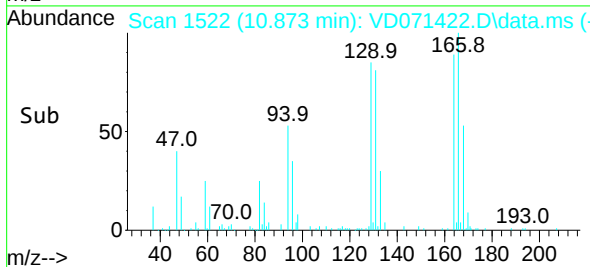
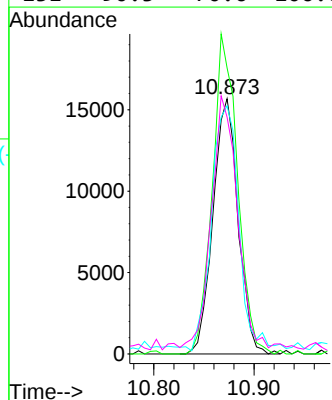
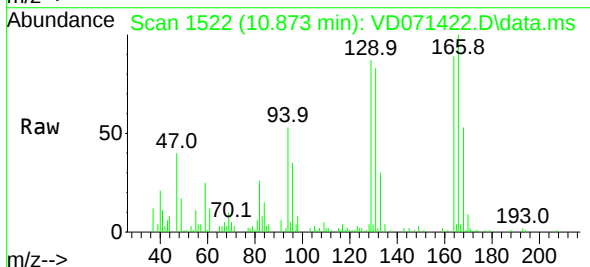
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

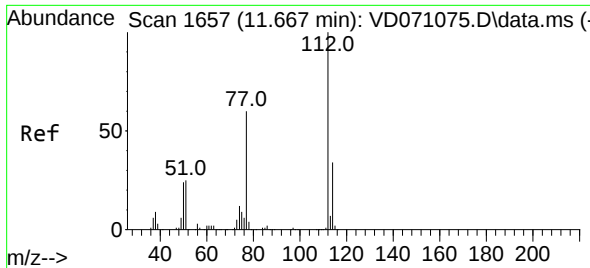
Supervised By :Amit
Patel
12/24/2021



#64
Tetrachloroethene
Concen: 43.450 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

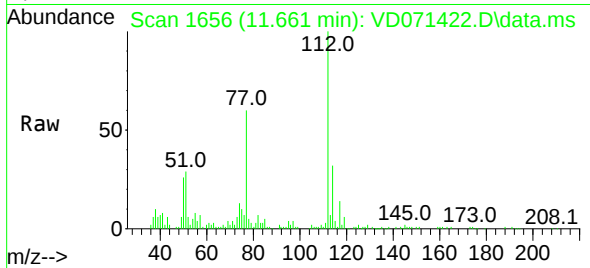
Tgt Ion:164 Resp: 27217
Ion Ratio Lower Upper
164 100
166 112.1 102.6 153.8
129 94.6 75.4 113.0
131 90.3 70.6 106.0





#65
Chlorobenzene
Concen: 55.762 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

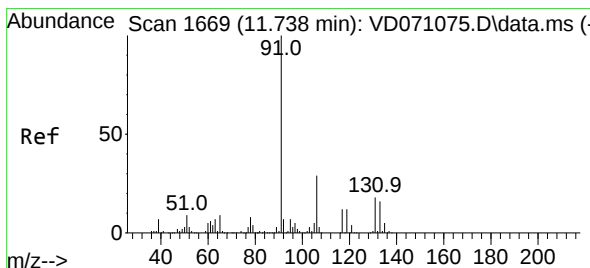
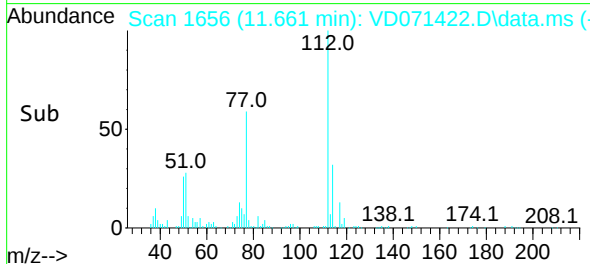
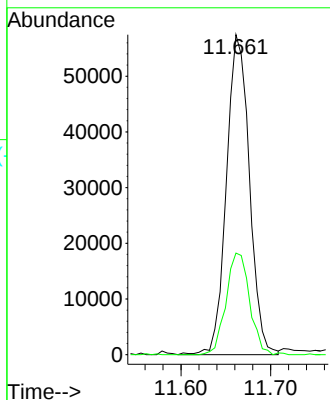


Tgt Ion:112 Resp: 102080
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0

Manual Integrations
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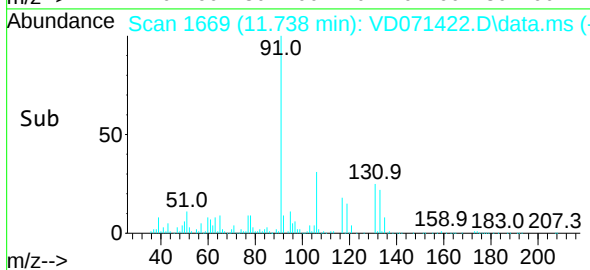
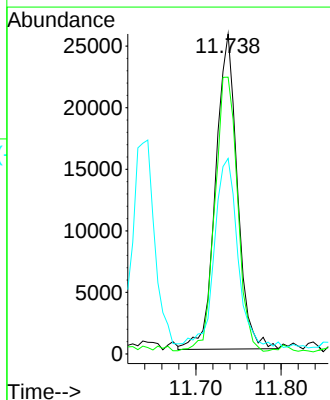
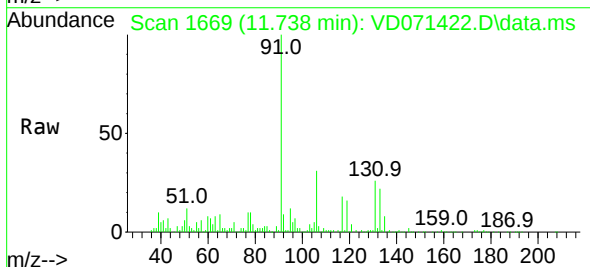
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

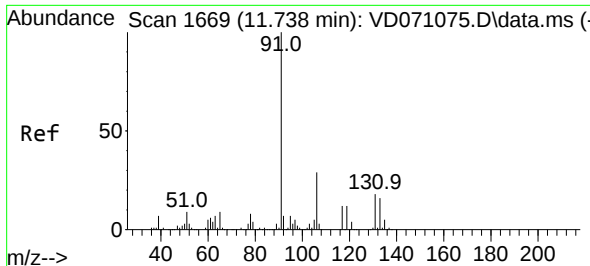
Supervised By :Amit
Patel
12/24/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 67.922 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

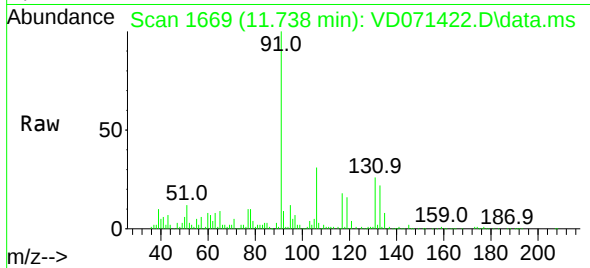
Tgt Ion:131 Resp: 45402
Ion Ratio Lower Upper
131 100
133 89.6 48.0 144.0
119 66.7 33.5 100.4





#67
Ethyl Benzene
Concen: 50.381 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

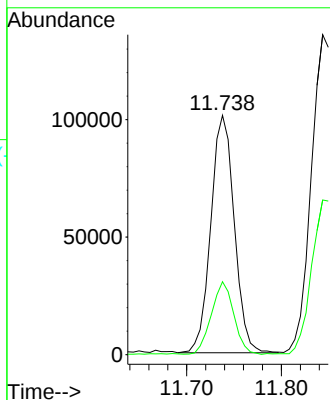
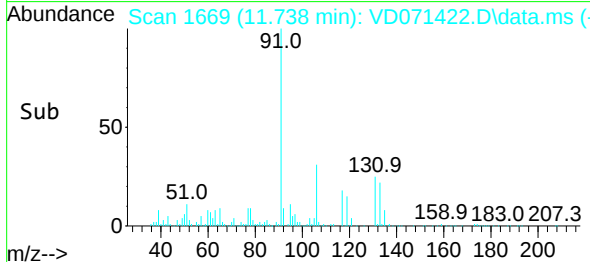
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS



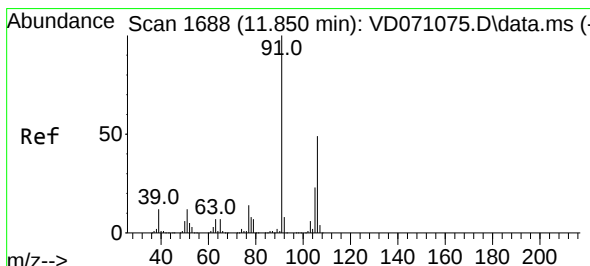
Tgt Ion: 91 Resp: 17363
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

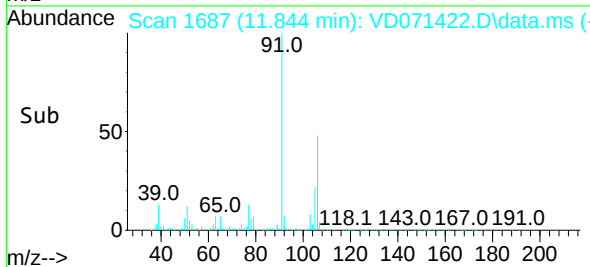
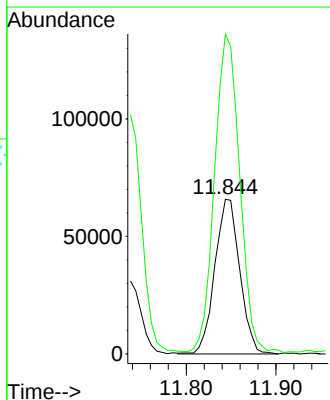
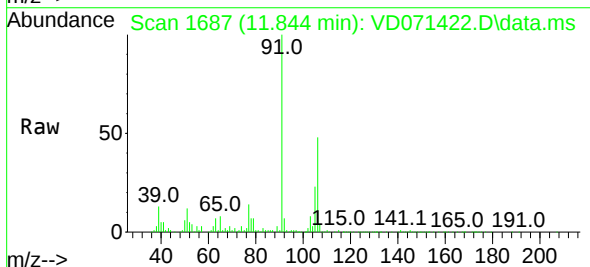


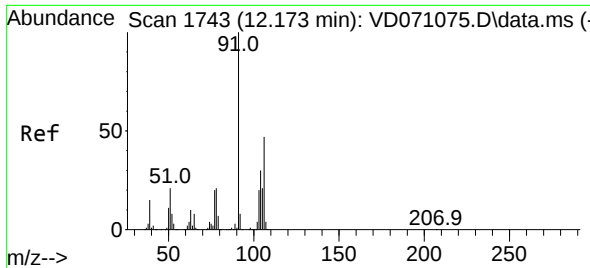
Supervised By :Amit
Patel
12/24/2021



#68
m/p-Xylenes
Concen: 97.431 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

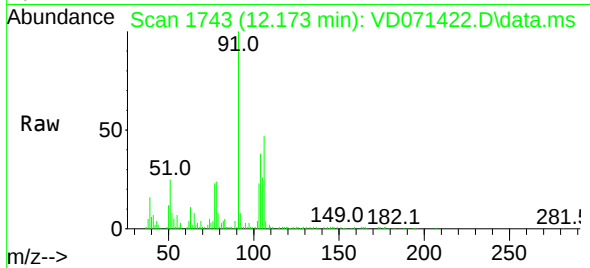
Tgt Ion:106 Resp: 126771
Ion Ratio Lower Upper
106 100
91 206.4 160.1 240.1





#69
o-Xylene
Concen: 55.714 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

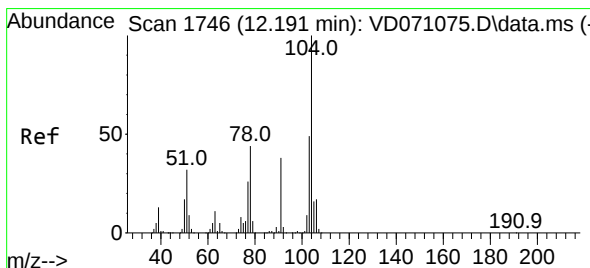
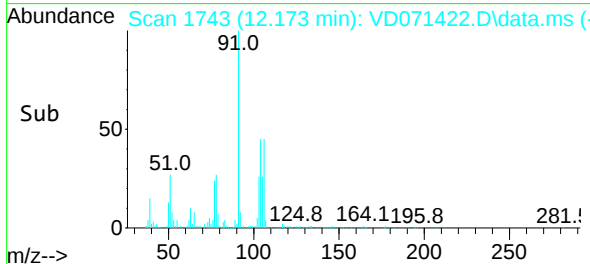
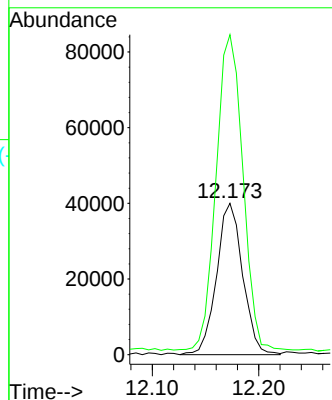


Tgt Ion:106 Resp: 6813
Ion Ratio Lower Upper
106 100
91 212.3 106.3 319.0

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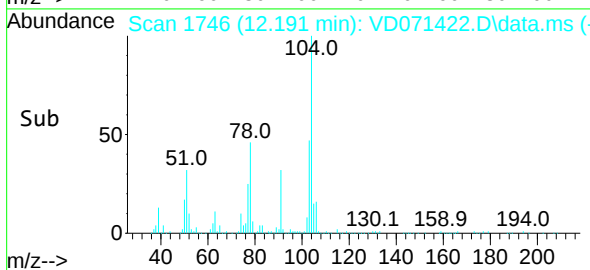
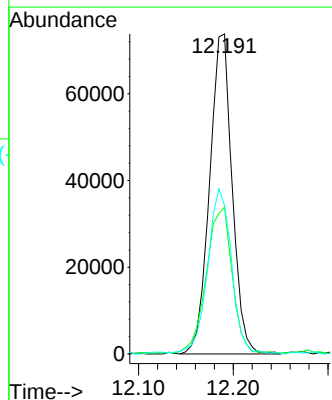
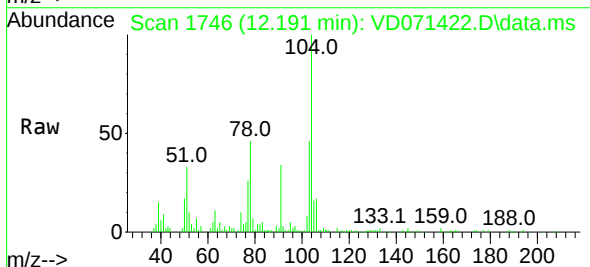
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

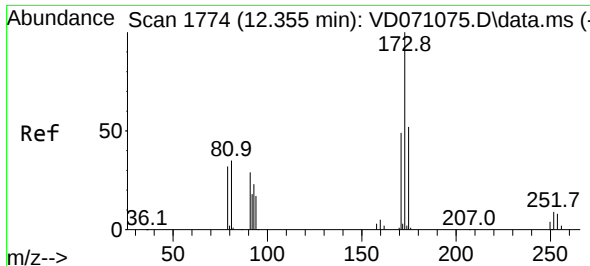
Supervised By :Amit
Patel
12/24/2021



#70
Styrene
Concen: 59.193 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

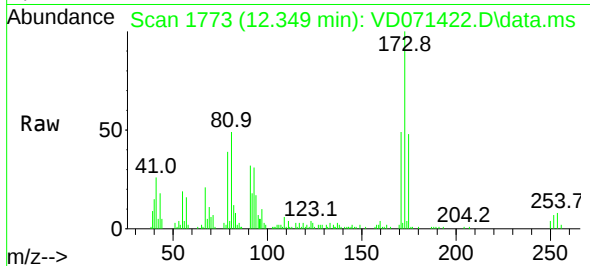
Tgt Ion:104 Resp: 121999
Ion Ratio Lower Upper
104 100
78 52.4 39.4 59.0
103 54.8 43.4 65.0





#71
Bromoform
Concen: 124.027 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

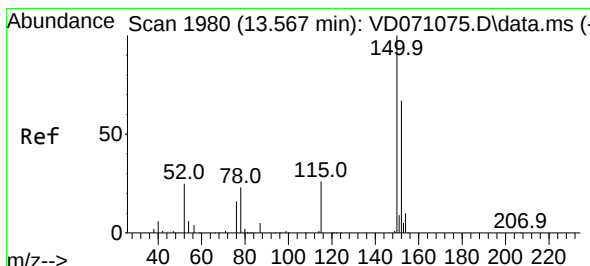
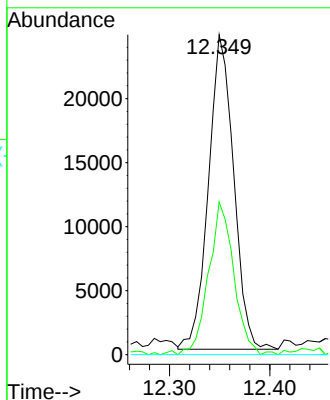
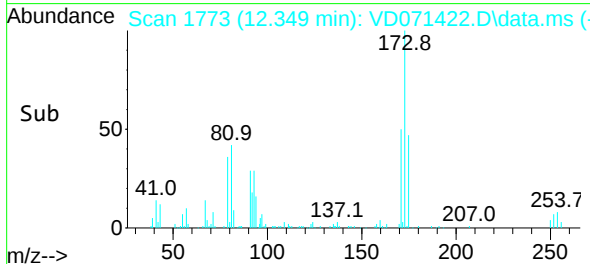


Tgt Ion:173 Resp: 42950
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
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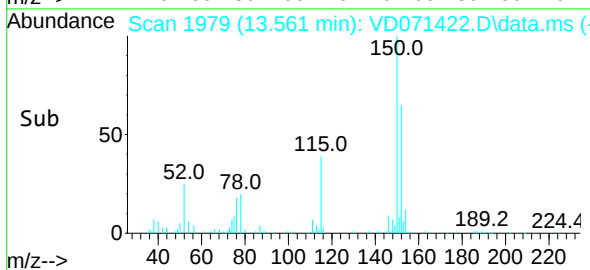
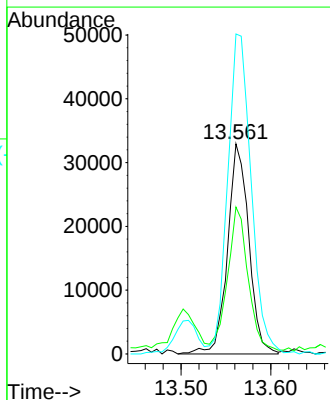
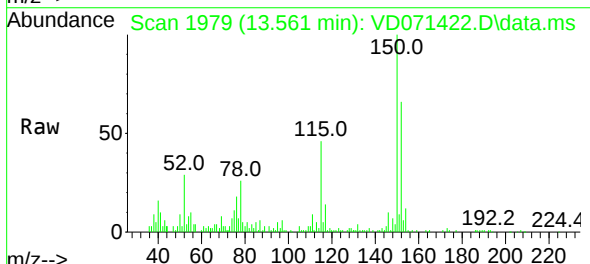
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

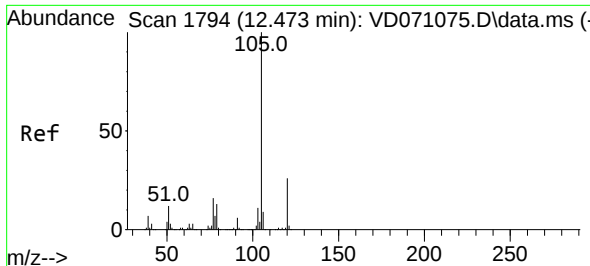
Supervised By :Amit
Patel
12/24/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

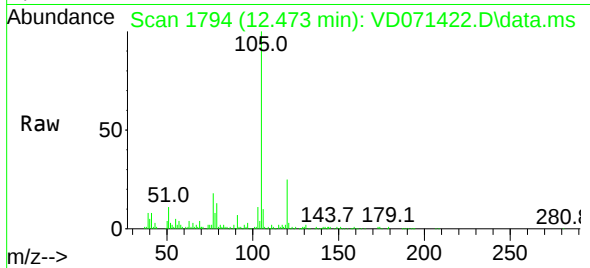
Tgt Ion:152 Resp: 54187
Ion Ratio Lower Upper
152 100
115 64.7 29.8 89.3
150 168.4 0.0 349.2





#73
Isopropylbenzene
Concen: 39.908 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

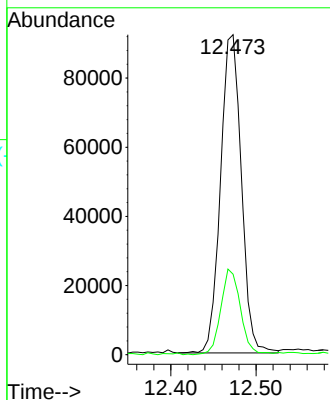
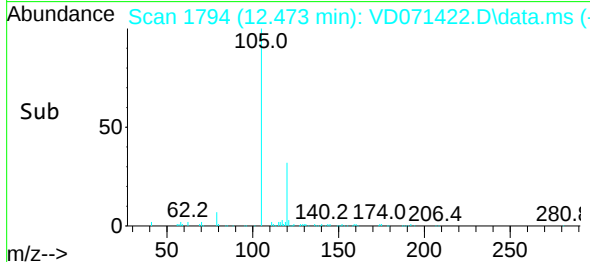
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS



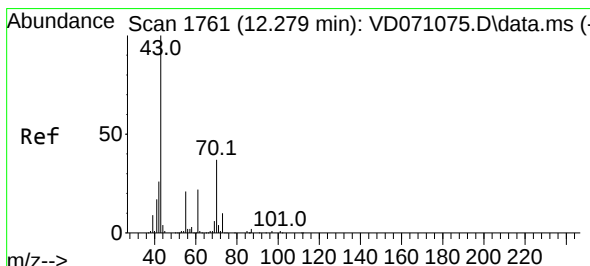
Tgt Ion:105 Resp: 15658
Ion Ratio Lower Upper
105 100
120 25.4 13.2 39.5

Manual Integrations
APPROVED

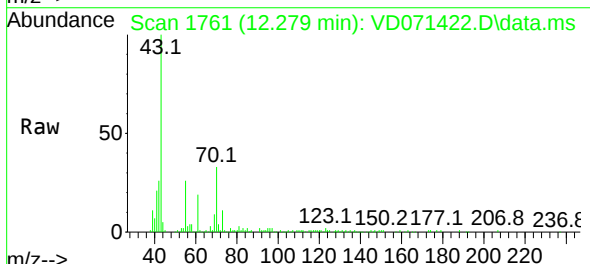
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



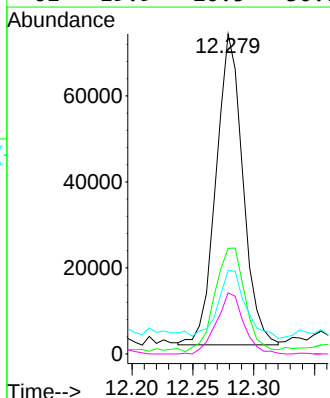
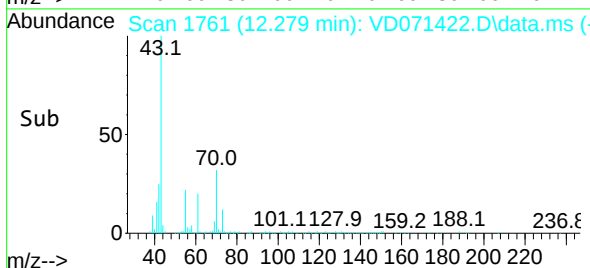
Supervised By :Amit
Patel
12/24/2021

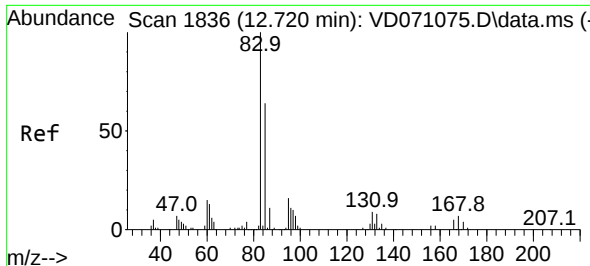


#74
N-ethyl acetate
Concen: 97.320 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36



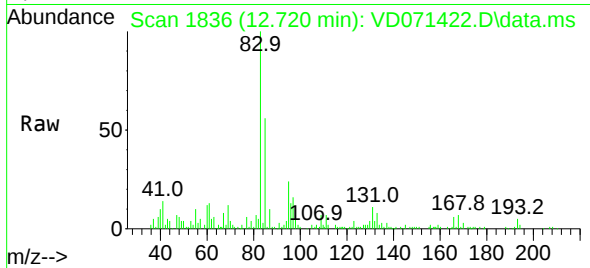
Tgt Ion: 43 Resp: 111085
Ion Ratio Lower Upper
43 100
70 37.6 36.6 55.0
55 22.4 22.5 33.7#
61 19.9 20.5 30.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 139.227 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

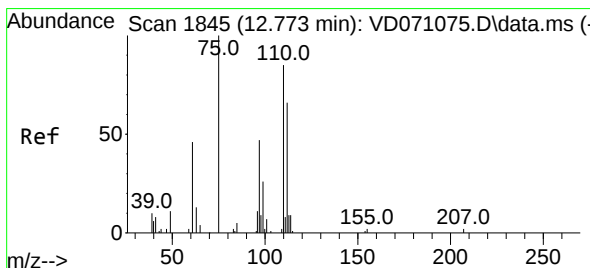
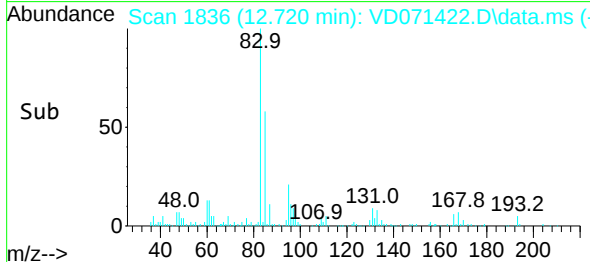
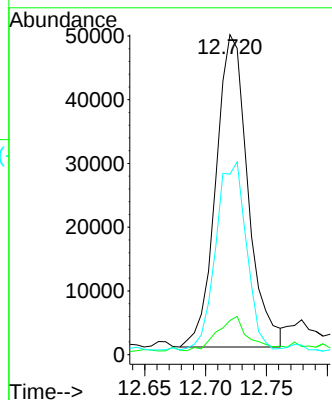


Tgt Ion: 83 Resp: 89958
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.7
85 59.0 32.0 96.2

Manual Integrations
APPROVED

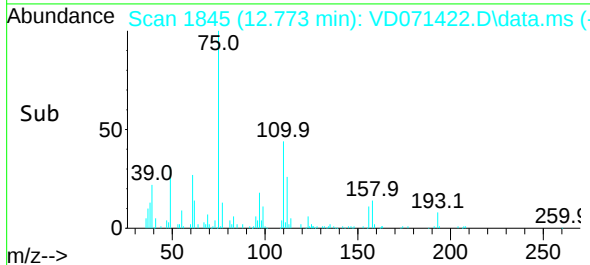
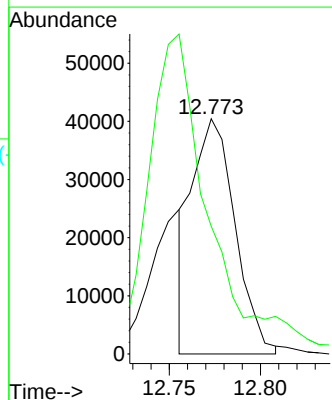
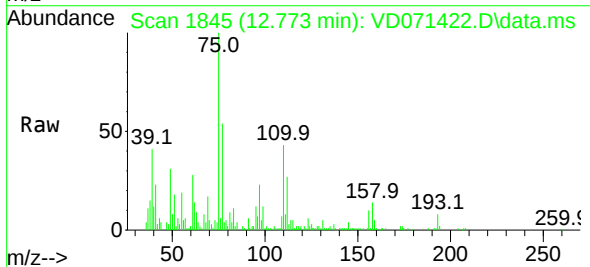
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

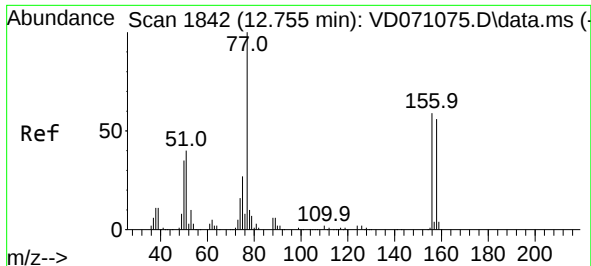
Supervised By :Amit
Patel
12/24/2021



#76
1,2,3-Trichloropropane
Concen: 128.231 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

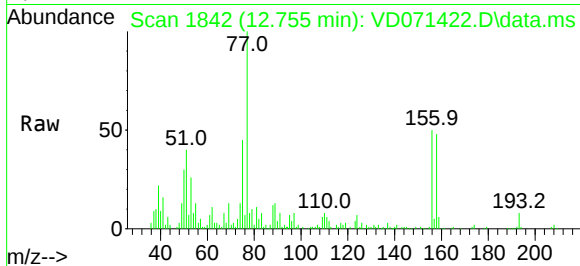
Tgt Ion: 75 Resp: 66202
Ion Ratio Lower Upper
75 100
77 186.3 158.4 475.3





#77
Bromobenzene
Concen: 56.022 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

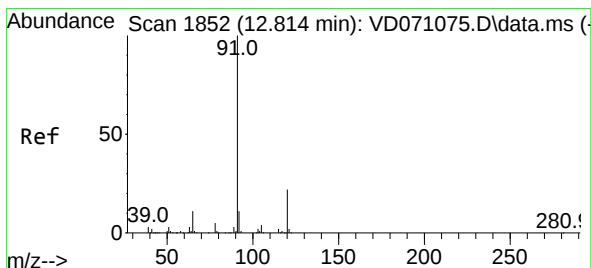
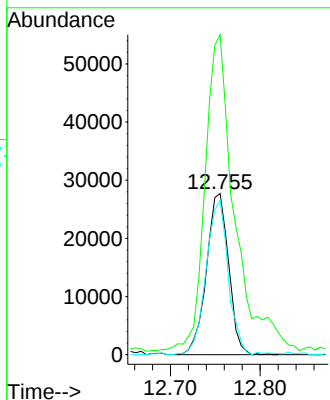
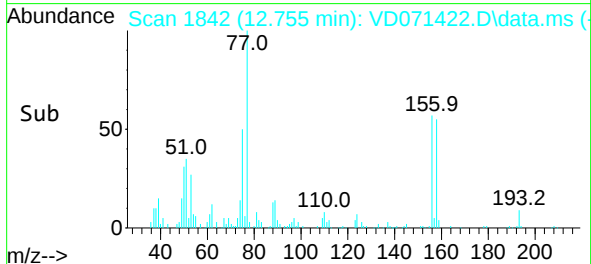


Tgt Ion:156 Resp: 47610
Ion Ratio Lower Upper
156 100
77 259.1 96.6 289.8
158 95.5 49.1 147.4

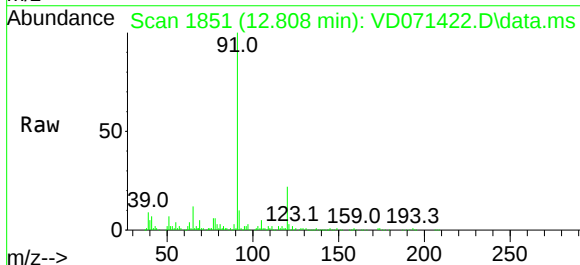
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

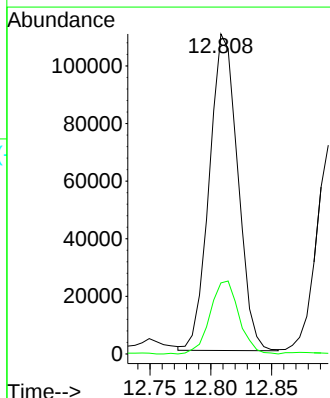
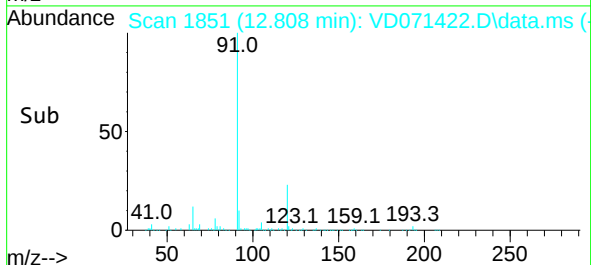
Supervised By :Amit
Patel
12/24/2021

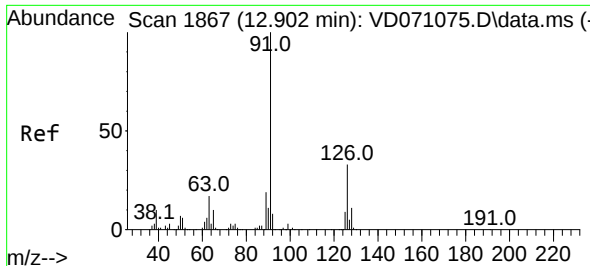


#78
n-propylbenzene
Concen: 36.592 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36



Tgt Ion: 91 Resp: 178797
Ion Ratio Lower Upper
91 100
120 23.3 10.9 32.9





#79
2-Chlorotoluene
Concen: 43.745 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. -0.005 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

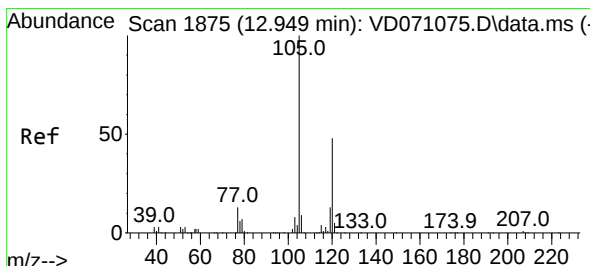
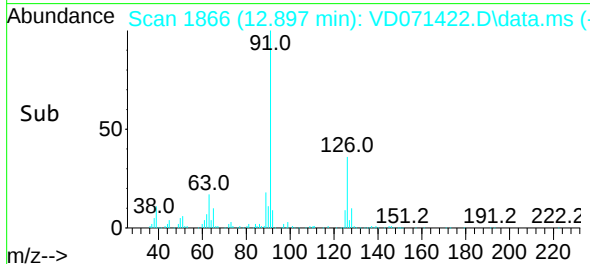
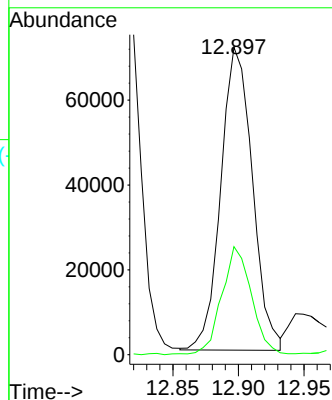
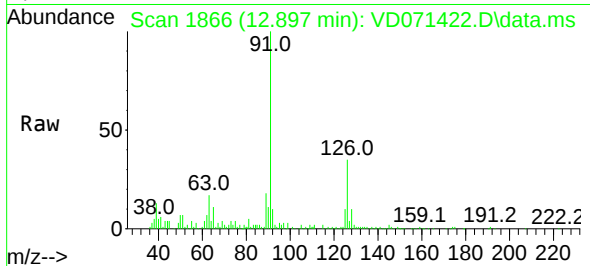
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

Tgt Ion: 91 Resp: 11996
Ion Ratio Lower Upper
91 100
126 33.7 16.6 49.7

Manual Integrations
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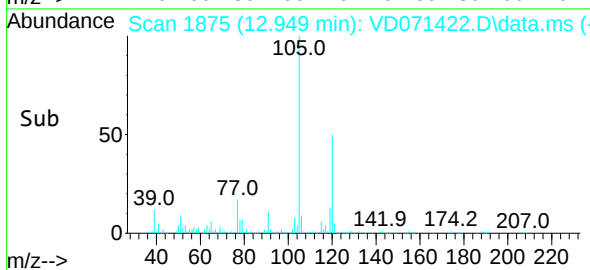
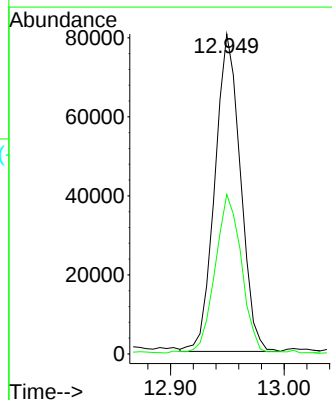
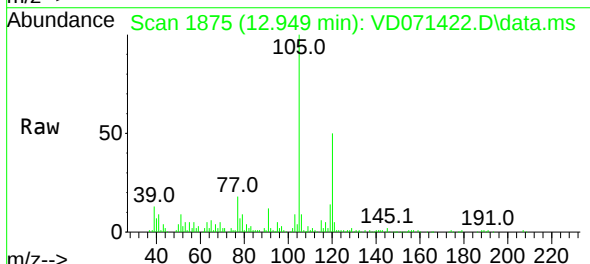
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

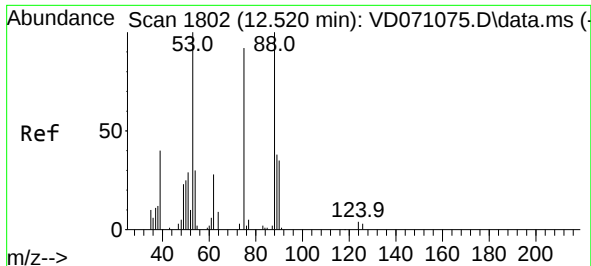
Supervised By :Amit
Patel
12/24/2021



#80
1,3,5-Trimethylbenzene
Concen: 38.839 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

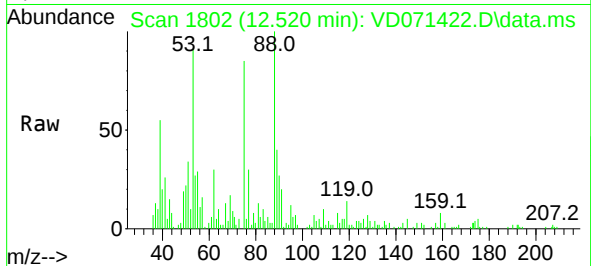
Tgt Ion:105 Resp: 125661
Ion Ratio Lower Upper
105 100
120 51.4 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 107.050 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

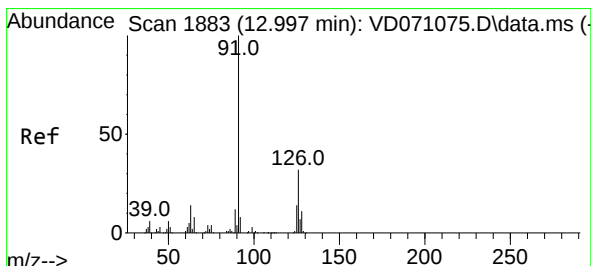
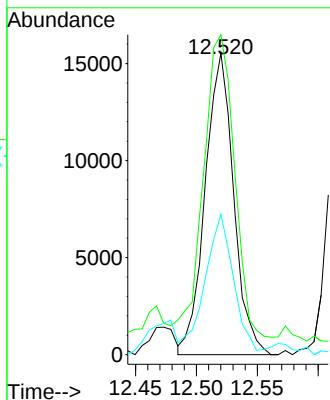
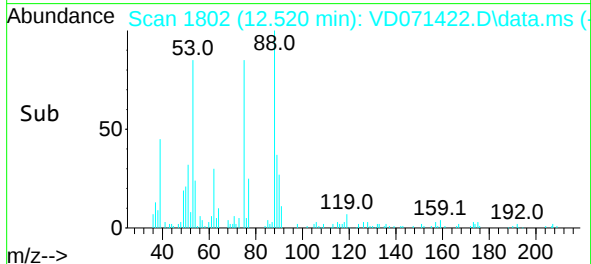


Tgt Ion: 75 Resp: 2527
Ion Ratio Lower Upper
75 100
53 109.8 62.6 94.0
89 46.4 34.5 51.7

Manual Integrations
APPROVED

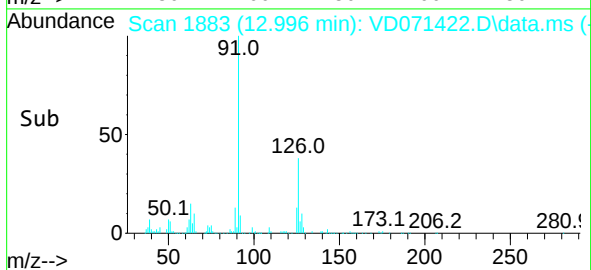
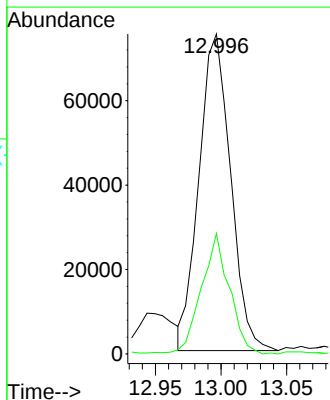
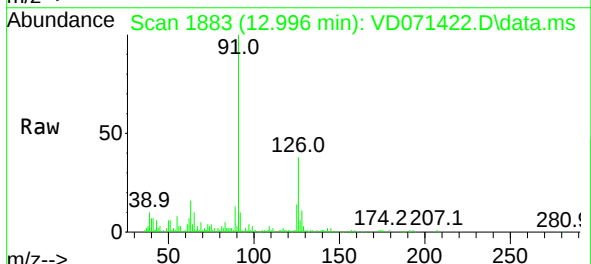
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

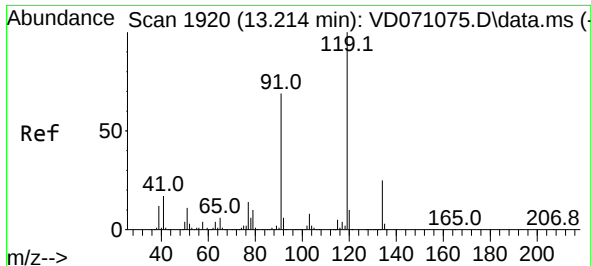
Supervised By :Amit
Patel
12/24/2021



#82
4-Chlorotoluene
Concen: 44.142 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.001 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

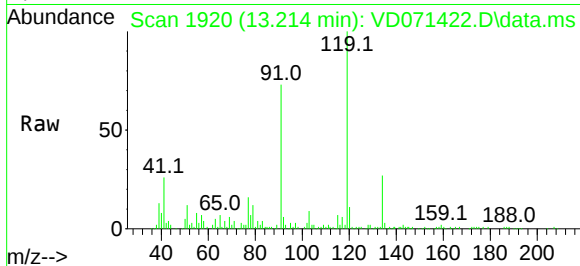
Tgt Ion: 91 Resp: 125675
Ion Ratio Lower Upper
91 100
126 34.0 16.4 49.1





#83
tert-Butylbenzene
Concen: 37.800 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

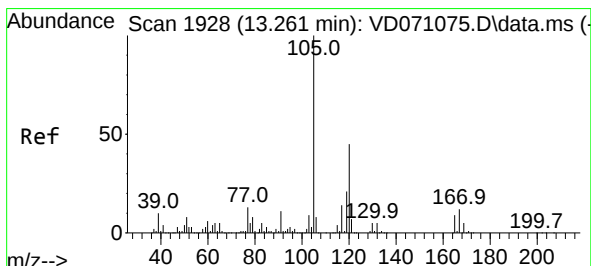
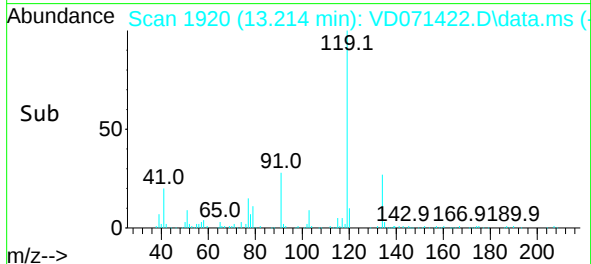
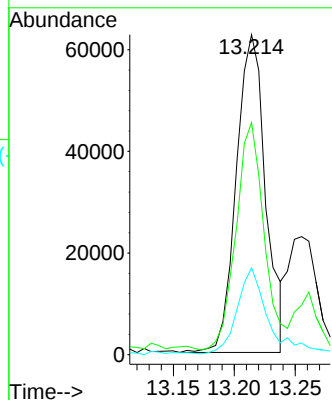


Tgt Ion:119 Resp: 105032
Ion Ratio Lower Upper
119 100
91 68.6 32.5 97.5
134 28.7 13.2 39.6

Manual Integrations
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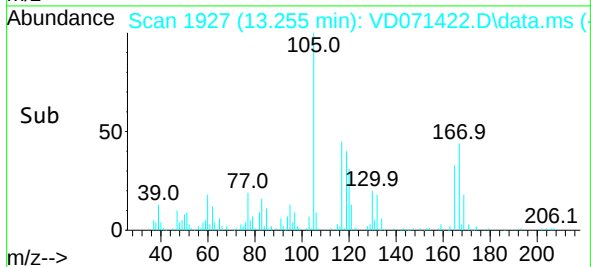
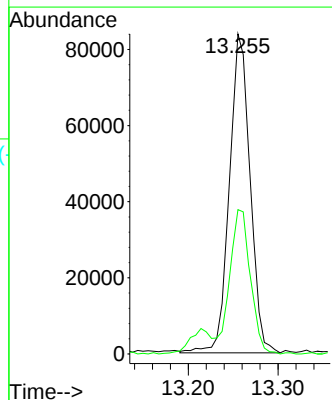
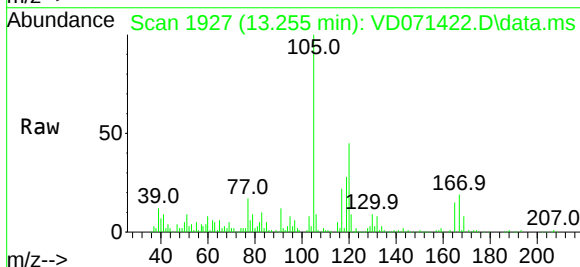
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

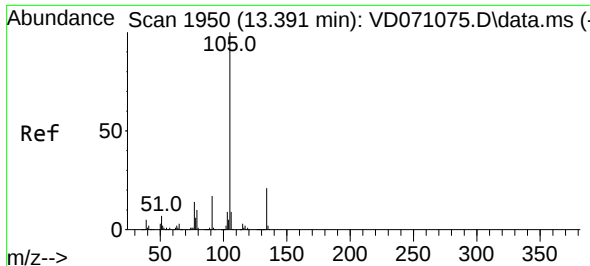
Supervised By :Amit
Patel
12/24/2021



#84
1,2,4-Trimethylbenzene
Concen: 42.490 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

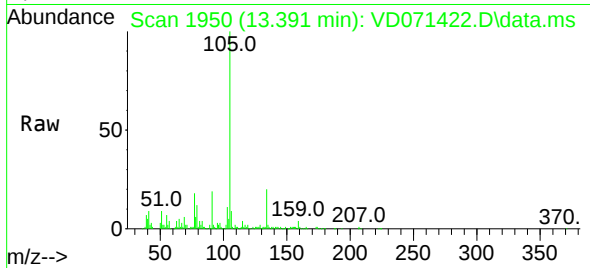
Tgt Ion:105 Resp: 134217
Ion Ratio Lower Upper
105 100
120 45.8 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 32.863 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD071422.D
 Acq: 21 Dec 2021 20:36

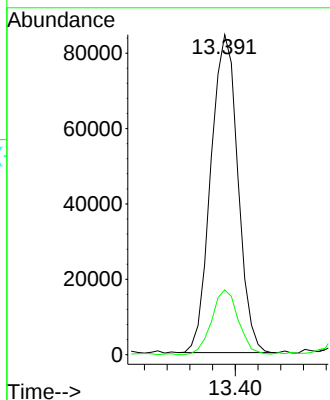
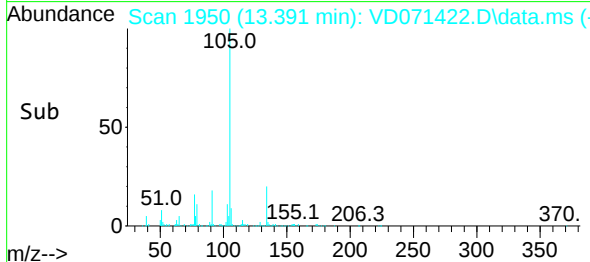
Instrument :
 MSVOA_D
 ClientSampleId :
 HB-2-(20-25)-12-17-21MS



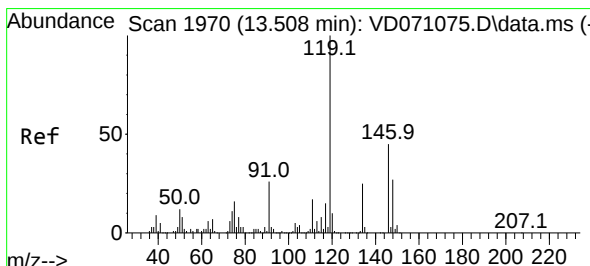
Tgt Ion:105 Resp: 139470
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.7 28.9

Manual Integrations
 APPROVED

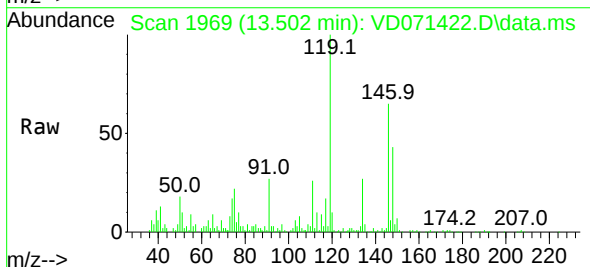
Reviewed By :Semsettin Yesilyurt 12/22/2021
 Supervised By :Amit Patel 12/24/2021



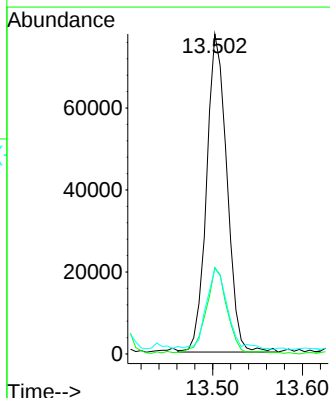
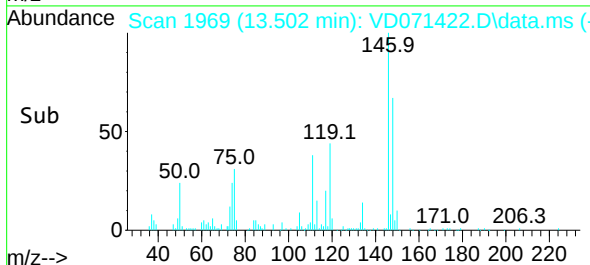
Supervised By :Amit
 Patel
 12/24/2021

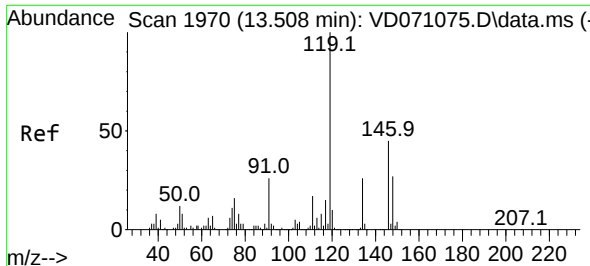


#86
 p-Isopropyltoluene
 Concen: 35.148 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD071422.D
 Acq: 21 Dec 2021 20:36



Tgt Ion:119 Resp: 122001
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.0 38.9
 91 26.7 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 48.513 ug/l
RT: 13.502 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

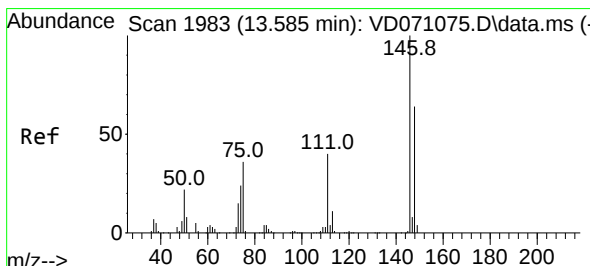
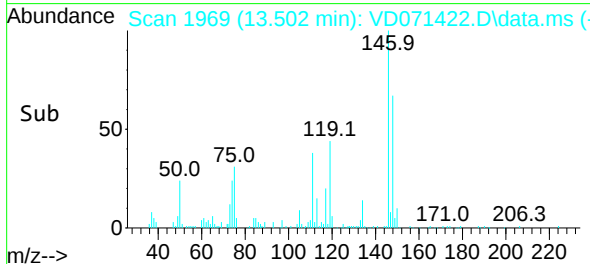
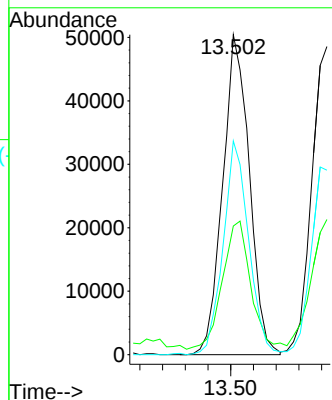
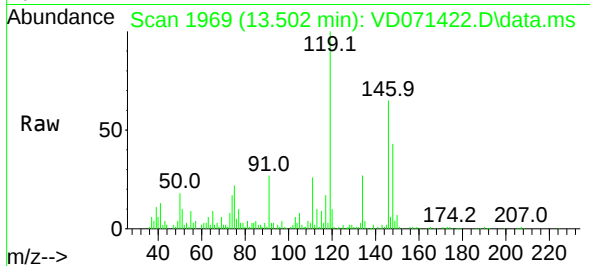
Instrument : MSVOA_D
ClientSampleId : HB-2-(20-25)-12-17-21MS

Tgt Ion:146 Resp: 8207
Ion Ratio Lower Upper
146 100
111 42.7 19.8 59.4
148 64.1 32.1 96.3

Manual Integrations
APPROVED

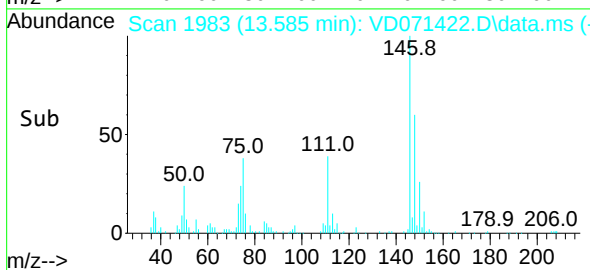
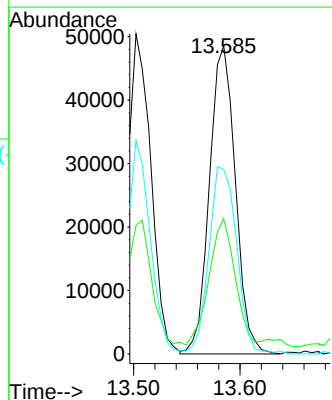
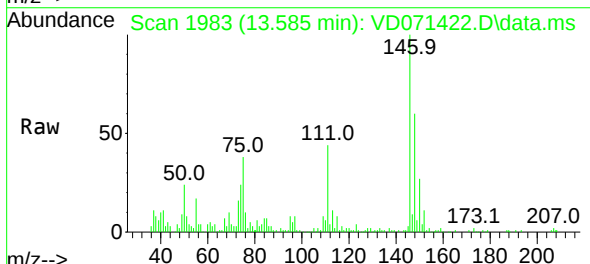
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

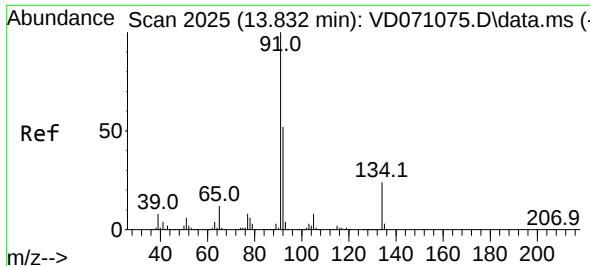
Supervised By :Amit
Patel
12/24/2021



#88
1,4-Dichlorobenzene
Concen: 49.106 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

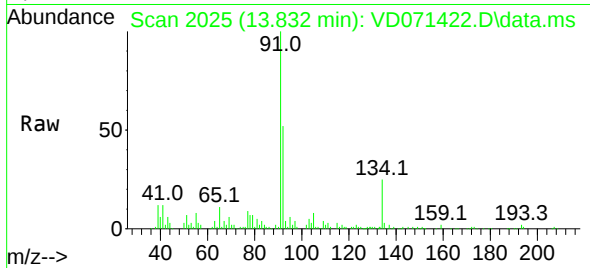
Tgt Ion:146 Resp: 82306
Ion Ratio Lower Upper
146 100
111 41.1 19.6 58.8
148 65.1 31.5 94.5





#89
n-Butylbenzene
Concen: 31.328 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument : MSVOA_D
ClientSampleId : HB-2-(20-25)-12-17-21MS

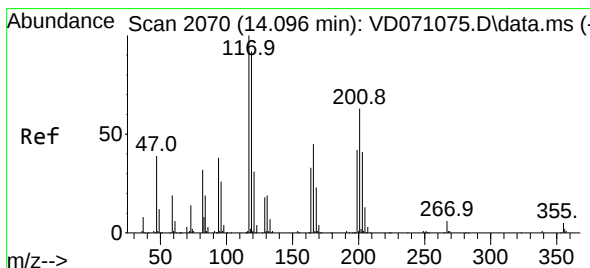
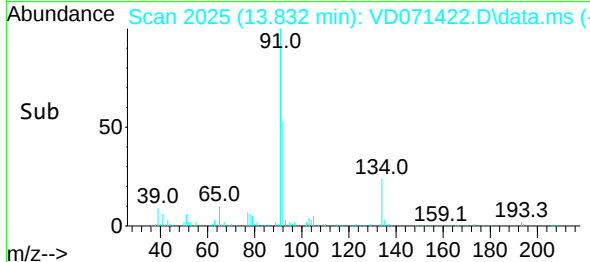
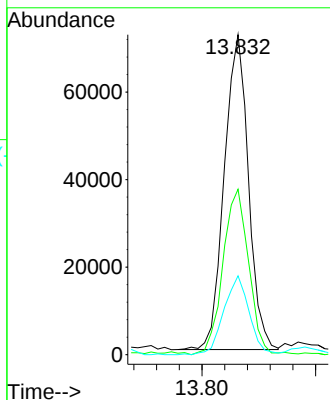


Tgt Ion: 91 Resp: 106152
Ion Ratio Lower Upper
91 100
92 56.1 27.3 81.9
134 26.3 12.3 36.9

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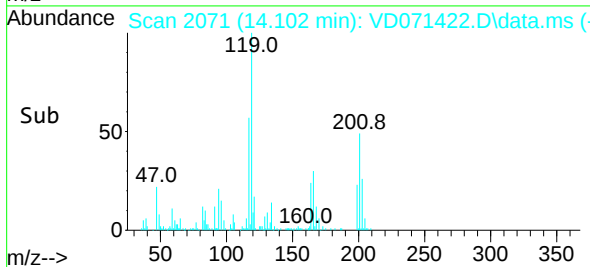
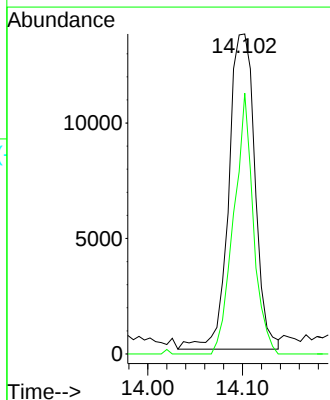
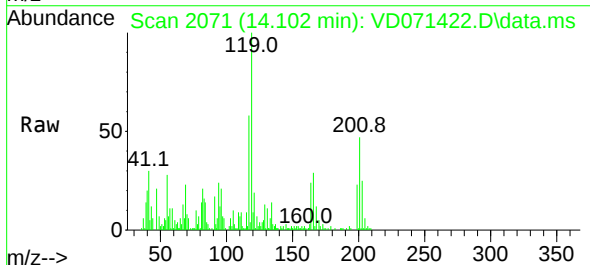
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

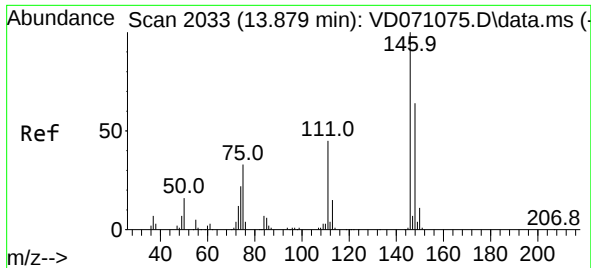
Supervised By :Amit
Patel
12/24/2021



#90
Hexachloroethane
Concen: 39.973 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

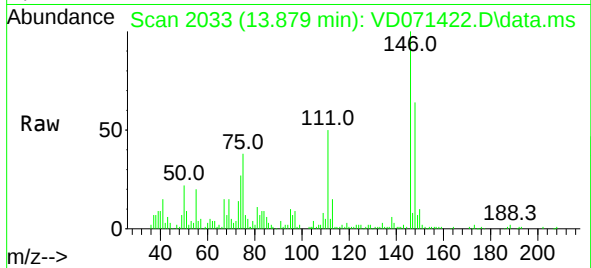
Tgt Ion:117 Resp: 26302
Ion Ratio Lower Upper
117 100
201 61.6 36.0 108.1





#91
1,2-Dichlorobenzene
Concen: 55.665 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

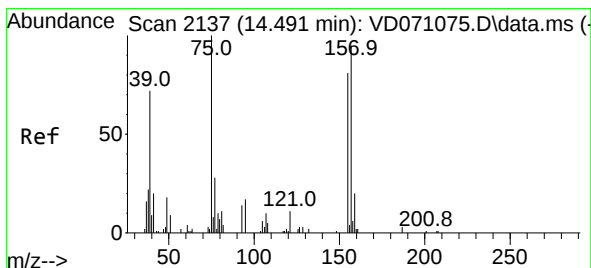
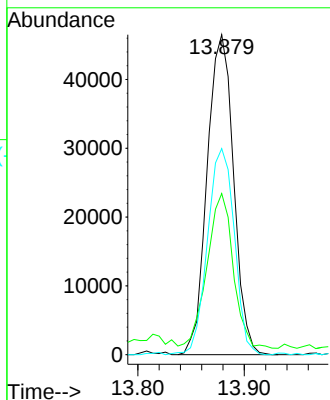
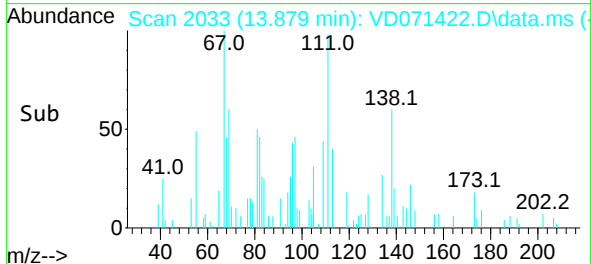


Tgt Ion:146 Resp: 80084
Ion Ratio Lower Upper
146 100
111 48.0 20.8 62.2
148 65.4 31.7 95.1

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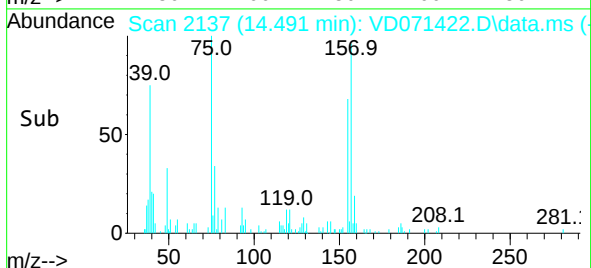
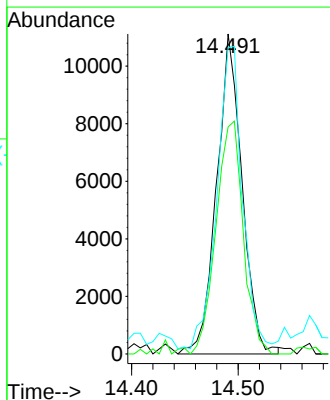
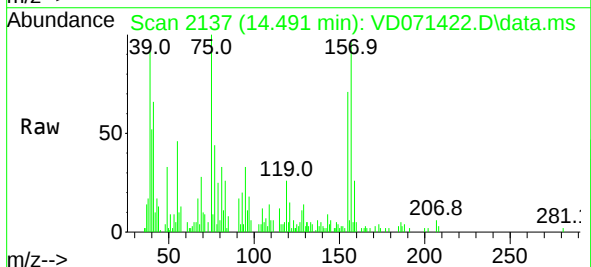
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

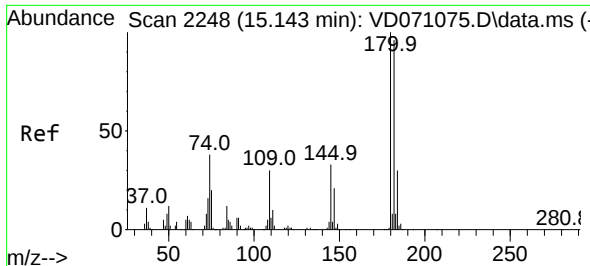
Supervised By :Amit
Patel
12/24/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 175.180 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

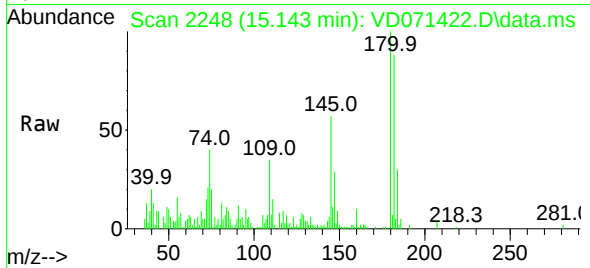
Tgt Ion: 75 Resp: 18433
Ion Ratio Lower Upper
75 100
155 78.1 40.0 120.0
157 94.9 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 50.016 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

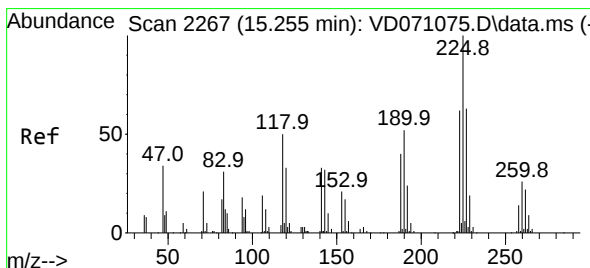
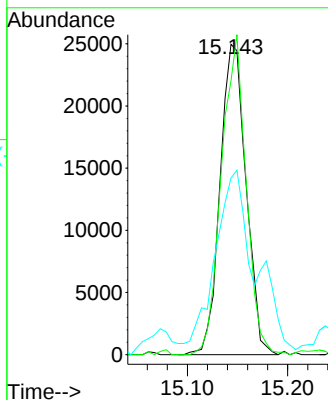
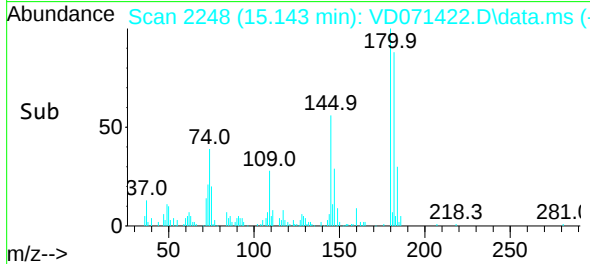


Tgt Ion:180 Resp: 44884
Ion Ratio Lower Upper
180 100
182 98.2 48.2 144.6
145 65.2 15.4 46.2

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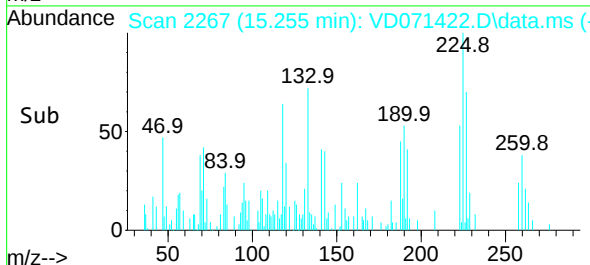
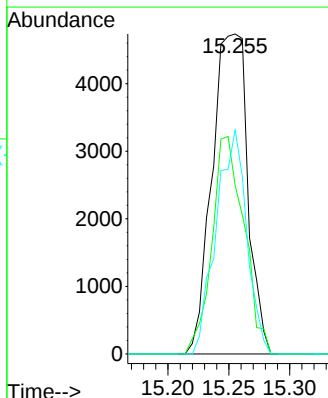
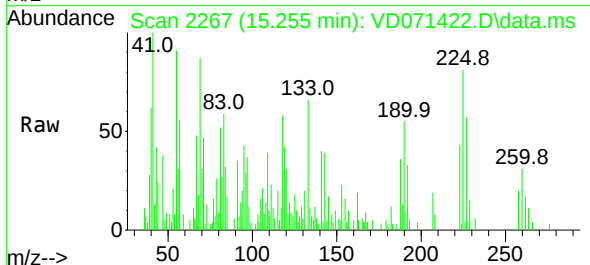
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

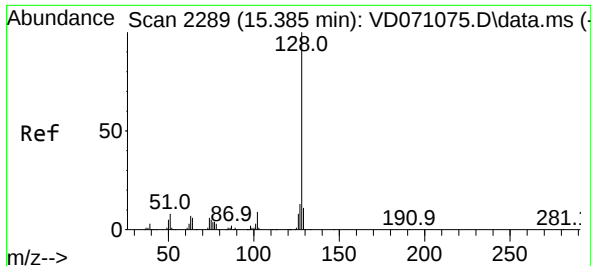
Supervised By :Amit
Patel
12/24/2021



#94
Hexachlorobutadiene
Concen: 19.053 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

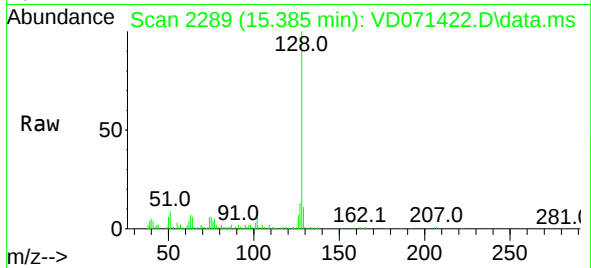
Tgt Ion:225 Resp: 9674
Ion Ratio Lower Upper
225 100
223 60.9 31.8 95.3
227 59.7 31.6 94.8





#95
Naphthalene
Concen: 120.171 ug/l
RT: 15.385 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

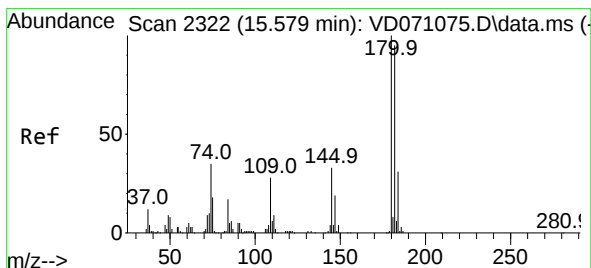
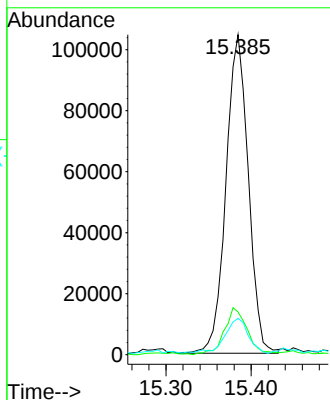
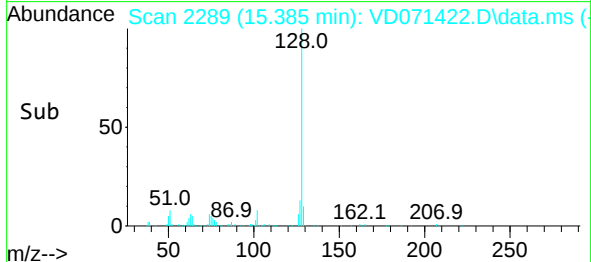


Tgt Ion:128 Resp: 19010
Ion Ratio Lower Upper
128 100
127 15.2 10.7 16.1
129 11.6 8.7 13.1

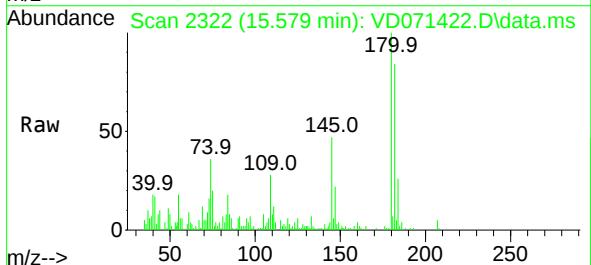
Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

Supervised By :Amit
Patel
12/24/2021



#96
1,2,3-Trichlorobenzene
Concen: 62.922 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071422.D
Acq: 21 Dec 2021 20:36



Tgt Ion:180 Resp: 47959
Ion Ratio Lower Upper
180 100
182 88.4 46.7 140.1
145 63.0 15.9 47.6#

