

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071263.D
 Acq On : 11 Dec 2021 11:20
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 12 17:49:25 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
 12/12/2021
 Supervised By :Amit
 Patel
 12/13/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	244261	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.855	114	408205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	374874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	186833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	142069	49.568	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.140%		
35) Dibromofluoromethane	7.908	113	130902	50.358	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.720%		
50) Toluene-d8	10.332	98	464175	46.924	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.840%		
62) 4-Bromofluorobenzene	12.620	95	174306	50.834	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.660%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	90571	43.481	ug/l	98
3) Chloromethane	2.209	50	143310	52.005	ug/l	96
4) Vinyl Chloride	2.350	62	171198	55.684	ug/l	99
5) Bromomethane	2.768	94	119566	53.949	ug/l	96
6) Chloroethane	2.926	64	122233	57.805	ug/l	98
7) Trichlorofluoromethane	3.273	101	206107	49.487	ug/l	97
8) Diethyl Ether	3.709	74	57235	50.692	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	124885	50.825	ug/l	94
10) Methyl Iodide	4.303	142	118015	42.107	ug/l	94
11) Tert butyl alcohol	5.203	59	51028m	284.054	ug/l	
12) 1,1-Dichloroethene	4.073	96	108574	47.881	ug/l	83
13) Acrolein	3.920	56	33426	170.662	ug/l	97
14) Allyl chloride	4.714	41	219220	50.897	ug/l #	81
15) Acrylonitrile	5.420	53	153941	280.348	ug/l	94
16) Acetone	4.156	43	202669	264.290	ug/l #	88
17) Carbon Disulfide	4.409	76	287962	43.374	ug/l	97
18) Methyl Acetate	4.709	43	115066	54.413	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	292897	52.706	ug/l	97
20) Methylene Chloride	4.967	84	145261	50.246	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	130225	51.018	ug/l	91
22) Diisopropyl ether	6.361	45	467646	54.192	ug/l	95
23) Vinyl Acetate	6.303	43	1142163	245.325	ug/l	97
24) 1,1-Dichloroethane	6.261	63	261424	52.670	ug/l	98
25) 2-Butanone	7.203	43	223904	254.191	ug/l #	87
26) 2,2-Dichloropropane	7.203	77	219922	48.726	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	153149	53.034	ug/l	93
28) Bromochloromethane	7.544	49	113215	52.516	ug/l	88
29) Tetrahydrofuran	7.561	42	129195	283.875	ug/l	93
30) Chloroform	7.703	83	269913	54.185	ug/l	98
31) Cyclohexane	7.979	56	222292	45.596	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	236774	52.942	ug/l #	94
36) 1,1-Dichloropropene	8.108	75	195887	51.344	ug/l	96
37) Ethyl Acetate	7.285	43	90105	54.674	ug/l	94
38) Carbon Tetrachloride	8.091	117	204161	54.286	ug/l	98
39) Methylcyclohexane	9.350	83	217661	47.433	ug/l	99
40) Benzene	8.350	78	541999	52.300	ug/l	98

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 Quant Title : SW846 8260
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Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt
 12/12/2021
 Supervised By :Amit
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.514	41	54668	64.391	ug/l	#	81
42) 1,2-Dichloroethane	8.420	62	176962	55.942	ug/l		93
43) Isopropyl Acetate	8.450	43	181920	50.149	ug/l		90
44) Trichloroethene	9.108	130	142066	51.416	ug/l		92
45) 1,2-Dichloropropane	9.385	63	148371	54.441	ug/l		97
46) Dibromomethane	9.473	93	77331	54.692	ug/l		93
47) Bromodichloromethane	9.655	83	207840	55.582	ug/l		99
48) Methyl methacrylate	9.450	41	86384	53.549	ug/l	#	81
49) 1,4-Dioxane	9.455	88	16950	1241.853	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.220	43	479926	257.239	ug/l		90
52) Toluene	10.397	92	350224	53.263	ug/l		99
53) t-1,3-Dichloropropene	10.614	75	190118	55.299	ug/l		100
54) cis-1,3-Dichloropropene	10.085	75	217190	53.184	ug/l	#	80
55) 1,1,2-Trichloroethane	10.796	97	103731	55.923	ug/l		96
56) Ethyl methacrylate	10.655	69	131722	49.408	ug/l	#	75
57) 1,3-Dichloropropane	10.938	76	185472	56.919	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	339275	268.793	ug/l		99
59) 2-Hexanone	10.979	43	354836	252.933	ug/l		88
60) Dibromochloromethane	11.132	129	132388	57.427	ug/l		100
61) 1,2-Dibromoethane	11.238	107	99461	55.832	ug/l		99
64) Tetrachloroethene	10.873	164	116088	48.779	ug/l		96
65) Chlorobenzene	11.667	112	365835	52.596	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.738	131	140593	55.360	ug/l		99
67) Ethyl Benzene	11.738	91	690556	52.739	ug/l		97
68) m/p-Xylenes	11.849	106	522583	105.713	ug/l		96
69) o-Xylene	12.173	106	246469	53.048	ug/l		98
70) Styrene	12.185	104	425203	54.301	ug/l		97
71) Bromoform	12.349	173	75360	57.278	ug/l		98
73) Isopropylbenzene	12.473	105	666106	49.238	ug/l		98
74) N-amyl acetate	12.279	43	168833	46.087	ug/l		89
75) 1,1,2,2-Tetrachloroethane	12.720	83	120254	53.978	ug/l		99
76) 1,2,3-Trichloropropane	12.773	75	103331m	58.049	ug/l		
77) Bromobenzene	12.755	156	144122	49.185	ug/l		98
78) n-propylbenzene	12.814	91	839932	49.856	ug/l		100
79) 2-Chlorotoluene	12.896	91	459642	48.611	ug/l		100
80) 1,3,5-Trimethylbenzene	12.949	105	552669	49.542	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	34354	45.701	ug/l	#	78
82) 4-Chlorotoluene	12.996	91	480963	48.995	ug/l		99
83) tert-Butylbenzene	13.214	119	477476	49.838	ug/l		97
84) 1,2,4-Trimethylbenzene	13.261	105	551053	50.596	ug/l		98
85) sec-Butylbenzene	13.390	105	732901	50.086	ug/l		100
86) p-Isopropyltoluene	13.502	119	612803	51.203	ug/l		98
87) 1,3-Dichlorobenzene	13.508	146	300075	51.444	ug/l		99
88) 1,4-Dichlorobenzene	13.585	146	297230	51.433	ug/l		99
89) n-Butylbenzene	13.832	91	586672	50.216	ug/l		98
90) Hexachloroethane	14.096	117	118663	52.304	ug/l		93
91) 1,2-Dichlorobenzene	13.879	146	256487	51.707	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	18384	50.672	ug/l		92
93) 1,2,4-Trichlorobenzene	15.149	180	156713	50.648	ug/l		99
94) Hexachlorobutadiene	15.249	225	84742	48.405	ug/l		99
95) Naphthalene	15.384	128	289661	53.105	ug/l		99
96) 1,2,3-Trichlorobenzene	15.579	180	136022	51.759	ug/l		99

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Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt
12/12/2021

Supervised By :Amit
Patel
12/13/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

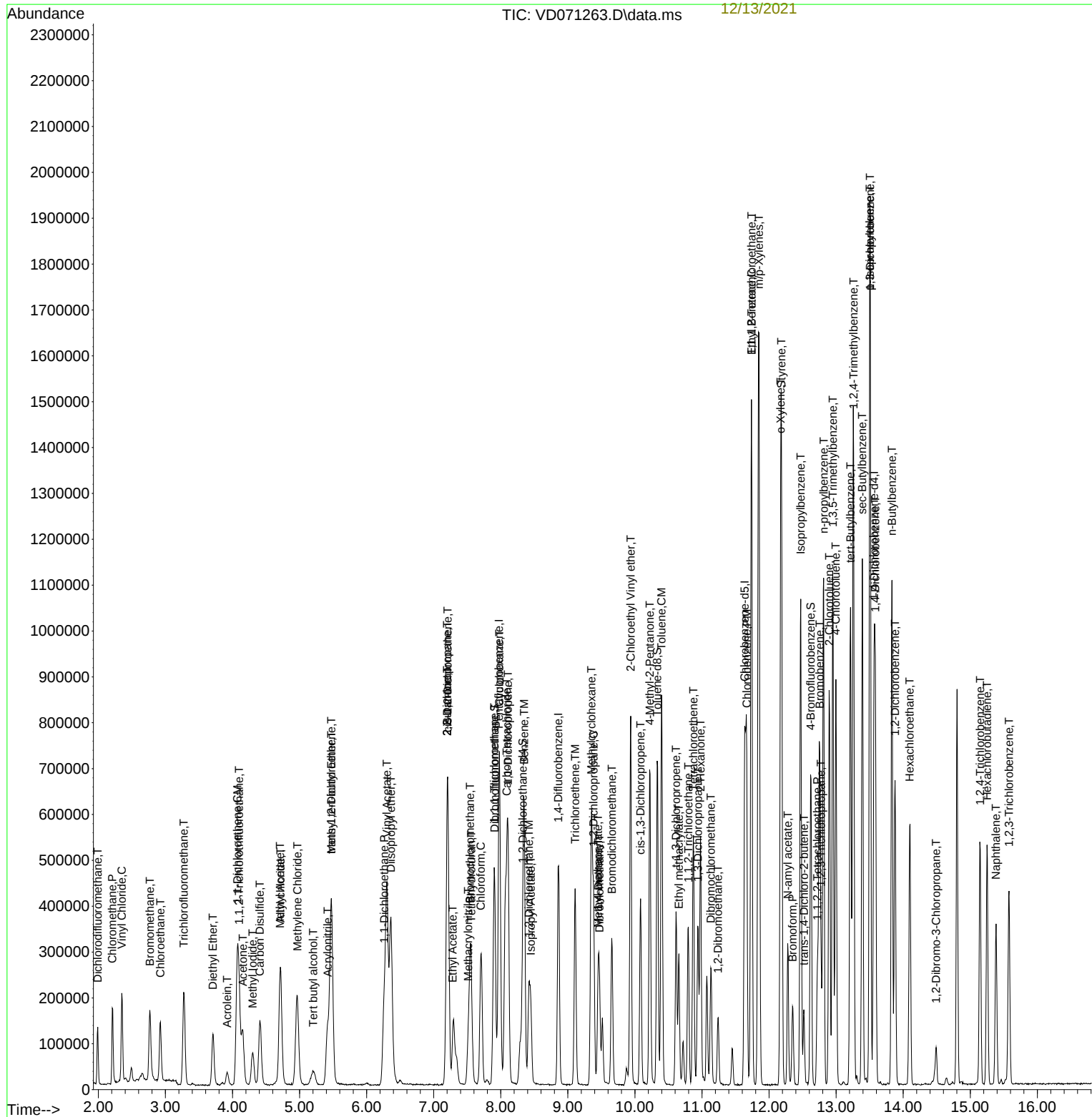
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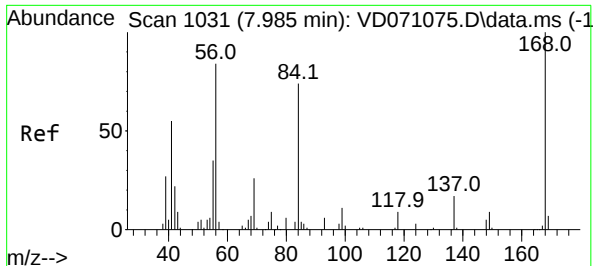
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 ClientSampleId :
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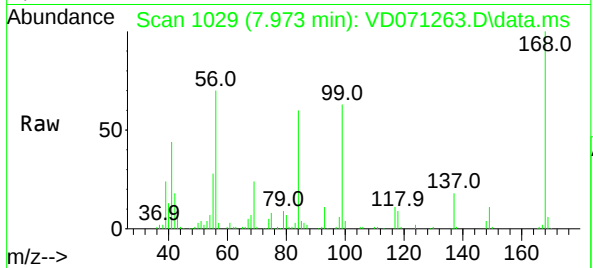
Reviewed By :Semsettin
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 12/12/2021
 Supervised By :Amit
 Patel
 12/13/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

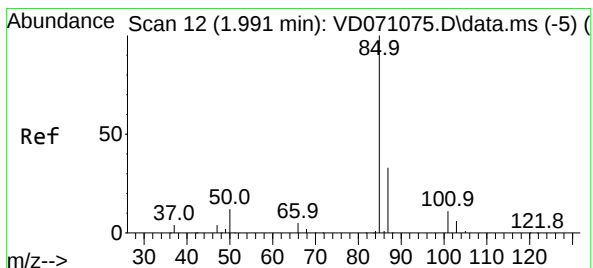
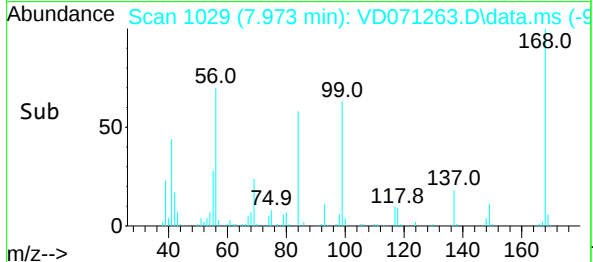
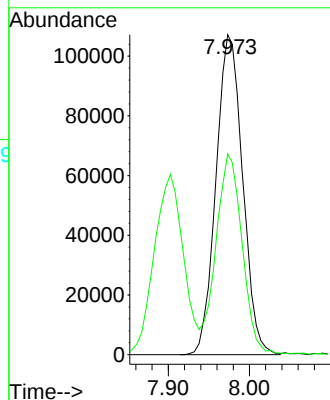


Tgt Ion:168 Resp: 24426
Ion Ratio Lower Upper
168 100
99 62.3 46.6 69.8

Manual Integrations
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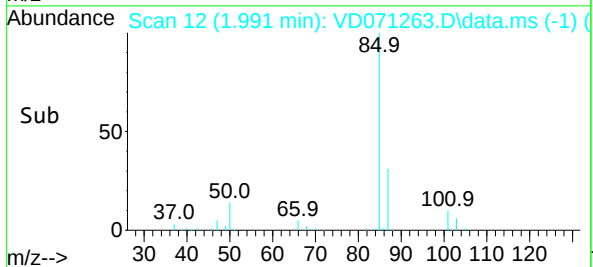
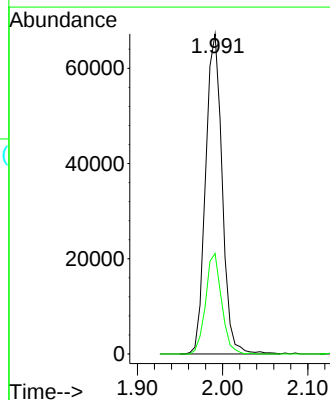
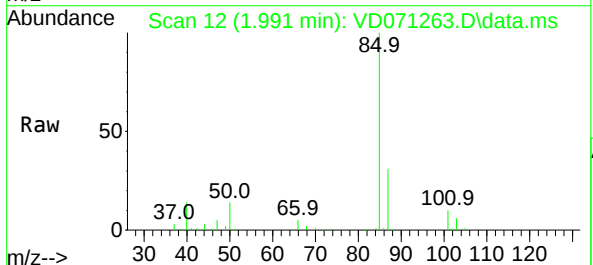
Reviewed By :Semsettin
Yesilyurt
12/12/2021

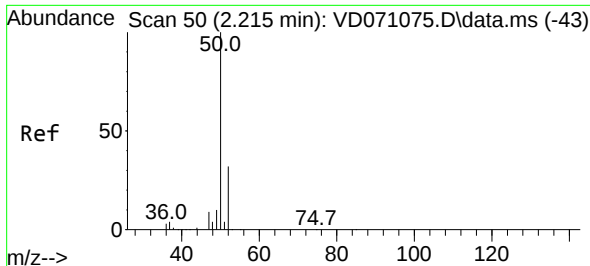
Supervised By :Amit
Patel
12/13/2021



#2
Dichlorodifluoromethane
Concen: 43.481 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

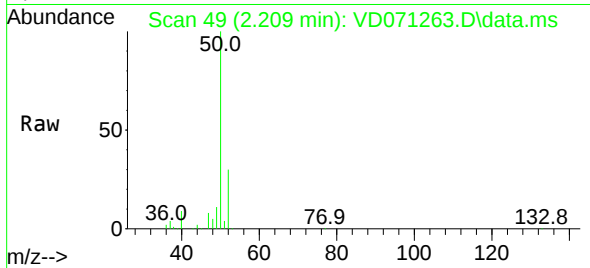
Tgt Ion: 85 Resp: 90571
Ion Ratio Lower Upper
85 100
87 31.4 15.2 45.6





#3
Chloromethane
Concen: 52.005 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

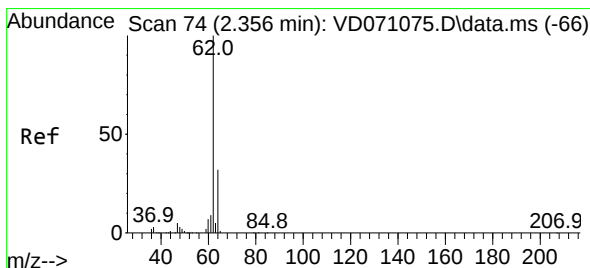
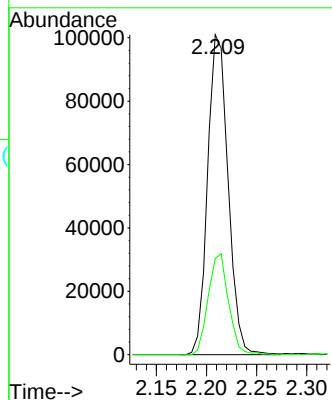


Tgt Ion: 50 Resp: 143310
Ion Ratio Lower Upper
50 100
52 30.0 25.8 38.8

Manual Integrations
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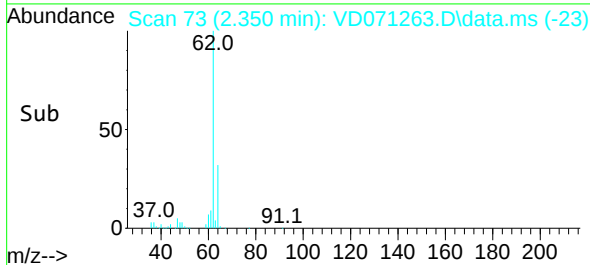
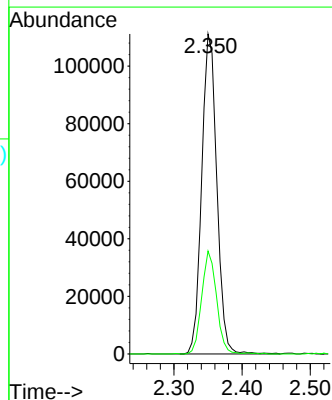
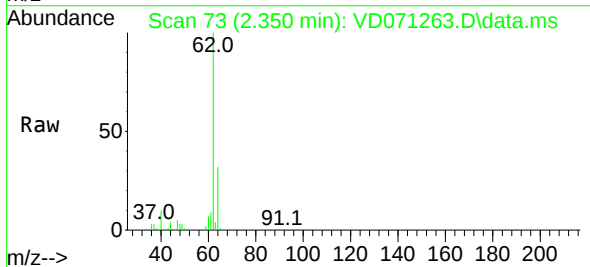
Reviewed By :Semsettin
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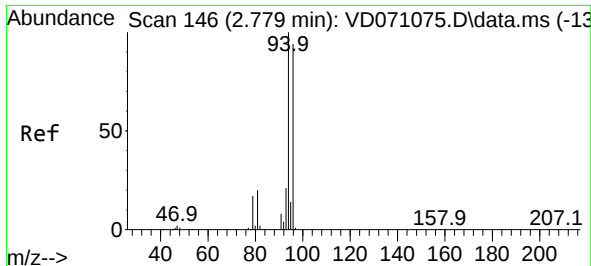
Supervised By :Amit
Patel
12/13/2021



#4
Vinyl Chloride
Concen: 55.684 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

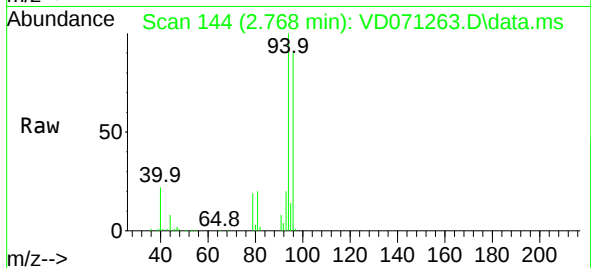
Tgt Ion: 62 Resp: 171198
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0





#5
Bromomethane
Concen: 53.949 ug/l
RT: 2.768 min Scan# 146
Delta R.T. -0.011 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
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ClientSampleId :
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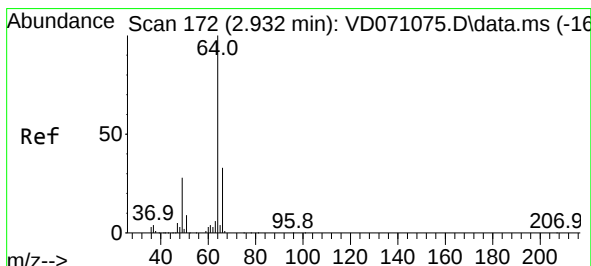
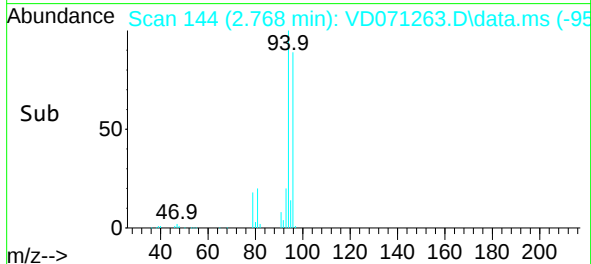
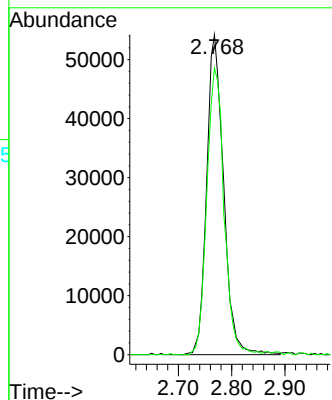


Tgt Ion: 94 Resp: 119560
Ion Ratio Lower Upper
94 100
96 89.6 74.8 112.2

Manual Integrations
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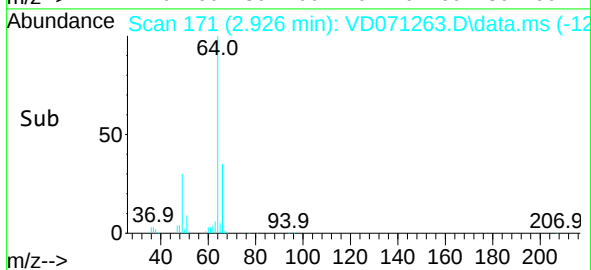
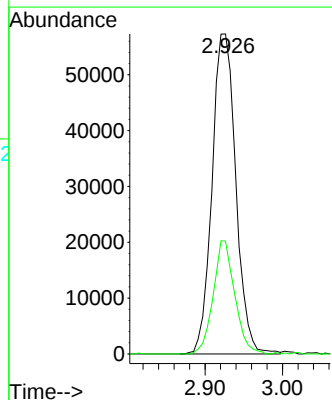
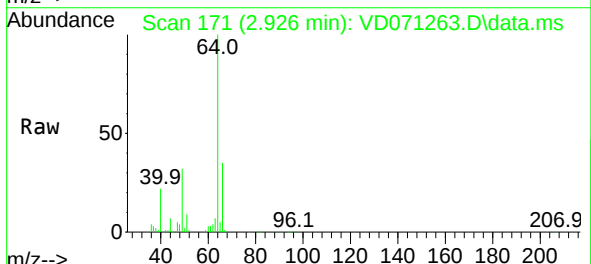
Reviewed By :Semsettin
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12/12/2021

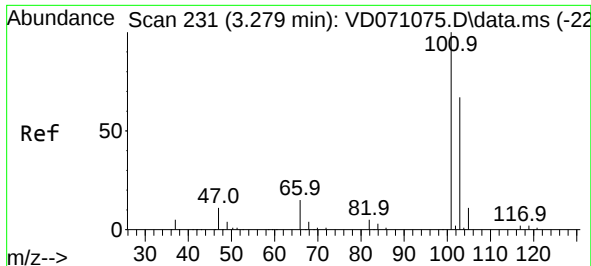
Supervised By :Amit
Patel
12/13/2021



#6
Chloroethane
Concen: 57.805 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Tgt Ion: 64 Resp: 122233
Ion Ratio Lower Upper
64 100
66 35.3 29.0 43.4





#7
Trichlorofluoromethane
Concen: 49.487 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

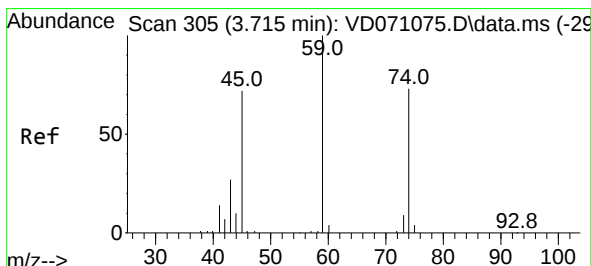
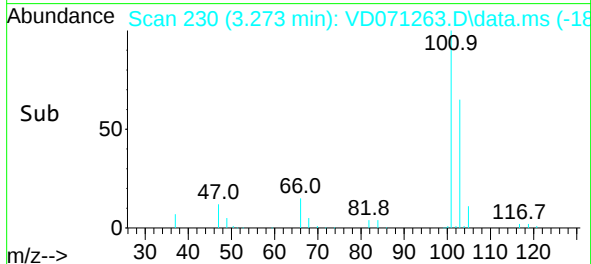
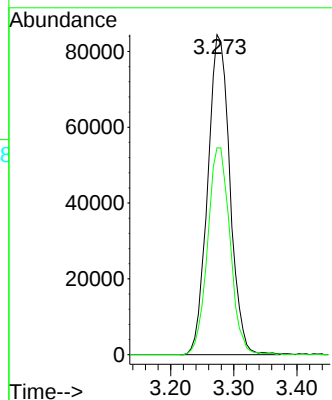
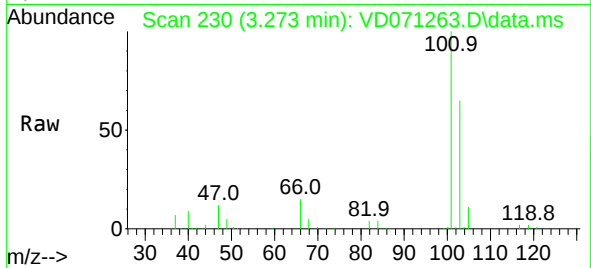
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 20610
Ion Ratio Lower Upper
101 100
103 64.7 49.7 74.5

Manual Integrations
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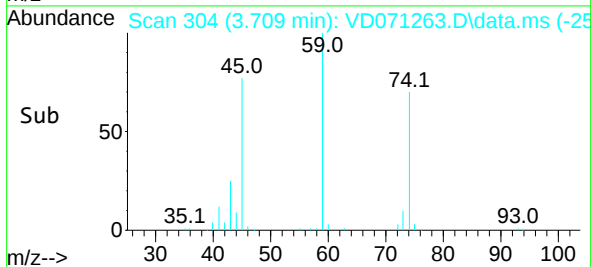
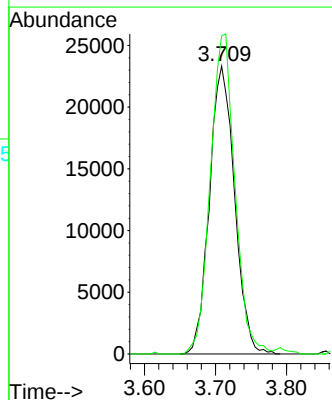
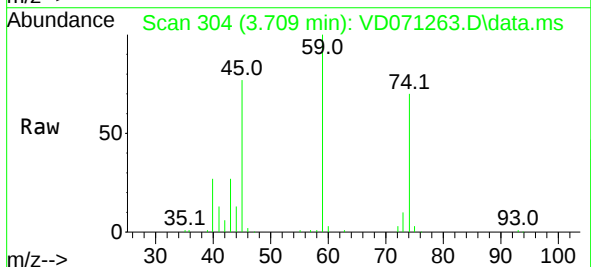
Reviewed By :Semsettin
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12/12/2021

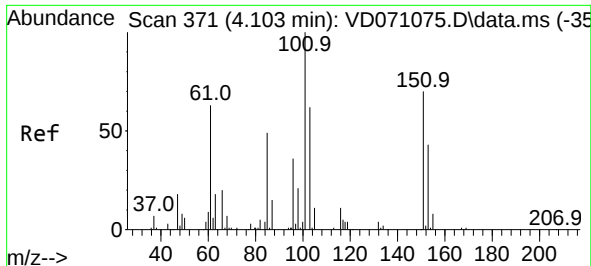
Supervised By :Amit
Patel
12/13/2021



#8
Diethyl Ether
Concen: 50.692 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Tgt Ion: 74 Resp: 57235
Ion Ratio Lower Upper
74 100
45 109.0 49.6 149.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.825 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

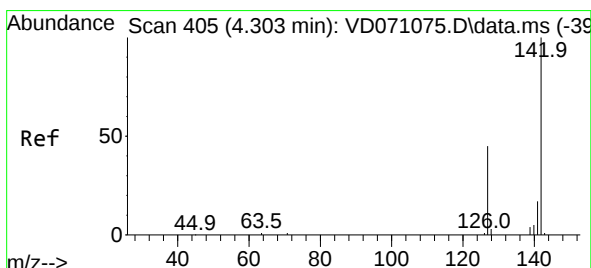
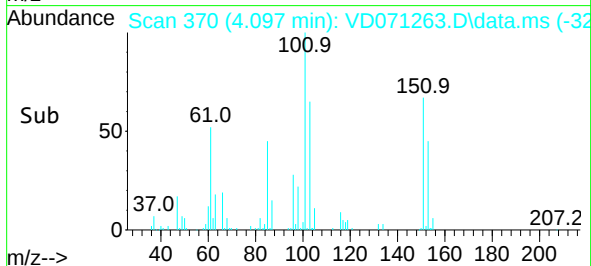
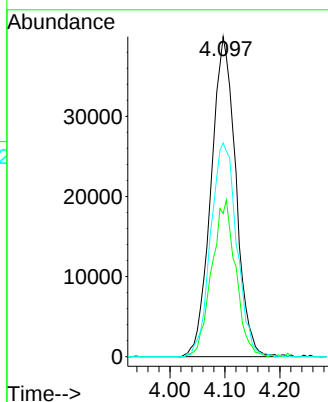
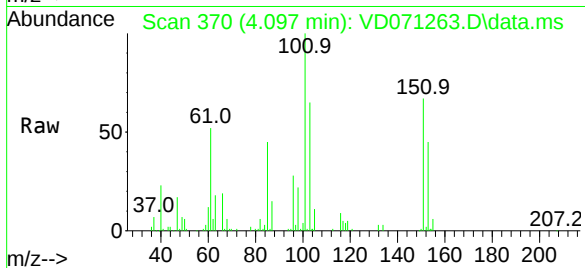
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12488
Ion Ratio Lower Upper
101 100
85 47.4 34.8 52.2
151 70.4 60.4 90.6

Manual Integrations
APPROVED

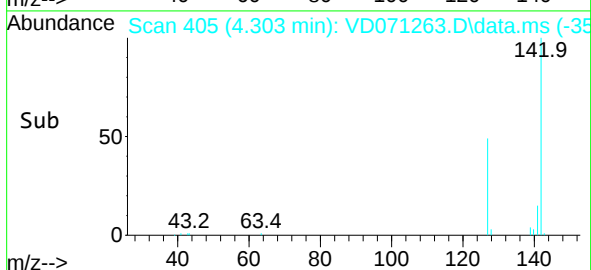
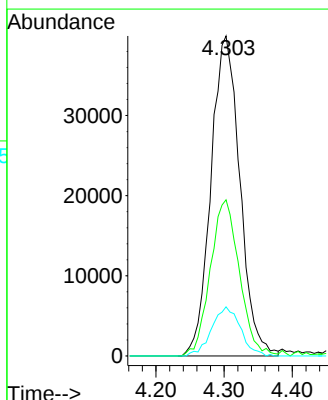
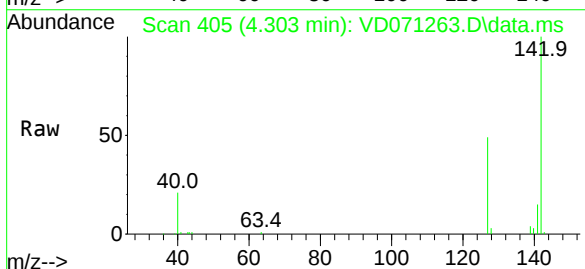
Reviewed By :Semsettin
Yesilyurt
12/12/2021

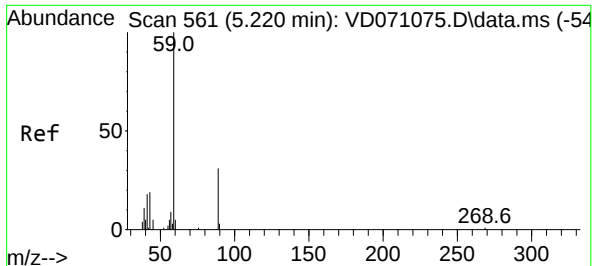
Supervised By :Amit
Patel
12/13/2021



#10
Methyl Iodide
Concen: 42.107 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Tgt Ion:142 Resp: 118015
Ion Ratio Lower Upper
142 100
127 49.0 35.0 52.4
141 15.3 12.0 18.0





#11
Tert butyl alcohol
Concen: 284.054 ug/l m
RT: 5.203 min Scan# 51
Delta R.T. -0.017 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

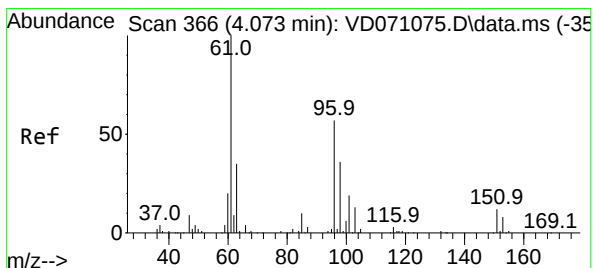
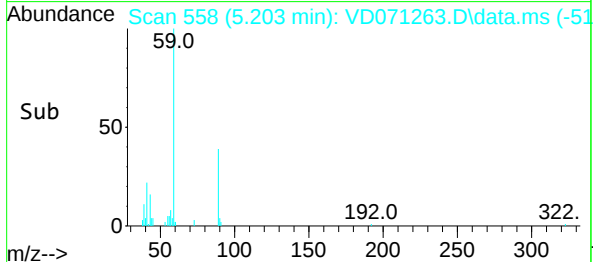
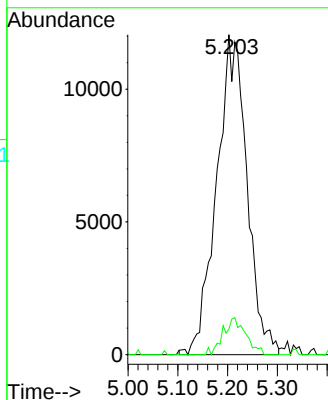
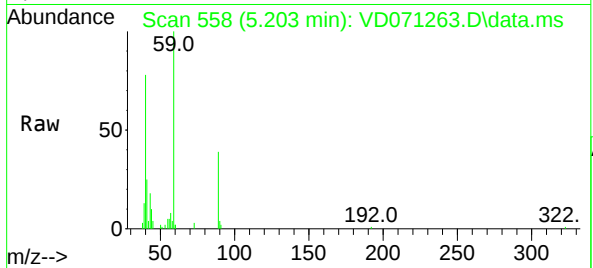
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 51028
Ion Ratio Lower Upper
59 100
57 8.6 9.0 13.4

Manual Integrations
APPROVED

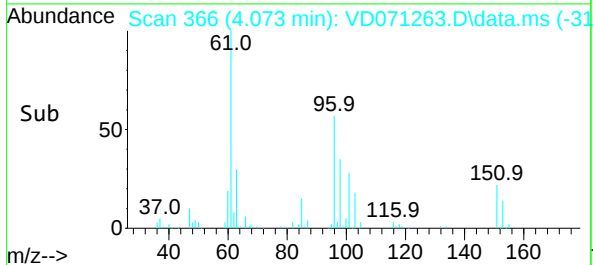
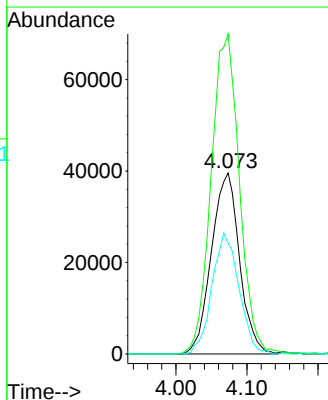
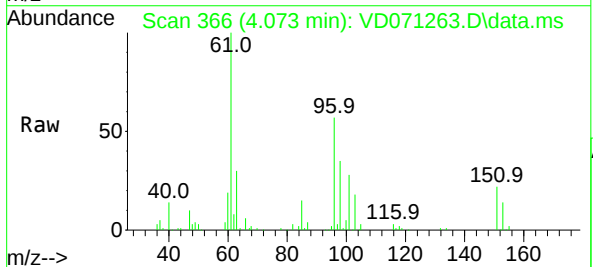
Reviewed By :Semsettin
Yesilyurt
12/12/2021

Supervised By :Amit
Patel
12/13/2021



#12
1,1-Dichloroethene
Concen: 47.881 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

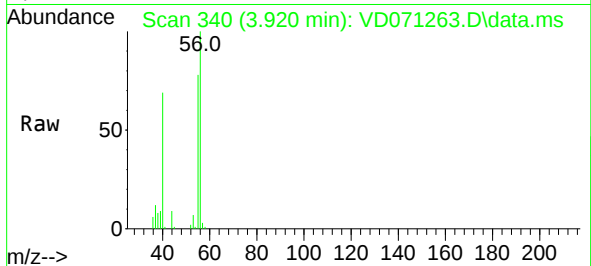
Tgt Ion: 96 Resp: 108574
Ion Ratio Lower Upper
96 100
61 176.8 120.3 180.5
98 61.2 54.4 81.6





#13
Acrolein
Concen: 170.662 ug/l
RT: 3.920 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

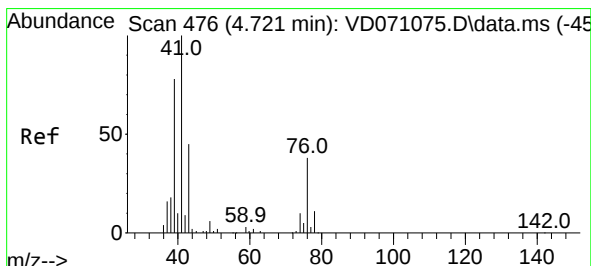
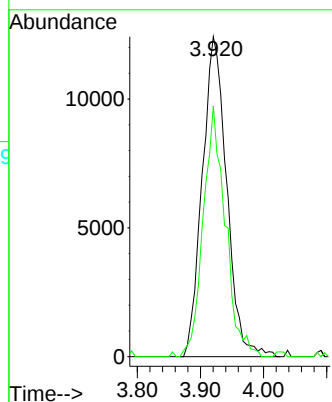


Tgt Ion: 56 Resp: 33420
Ion Ratio Lower Upper
56 100
55 70.9 58.6 87.8

Manual Integrations
APPROVED

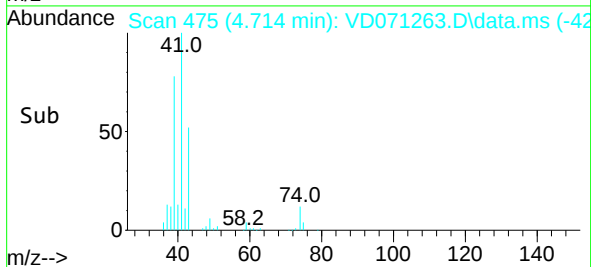
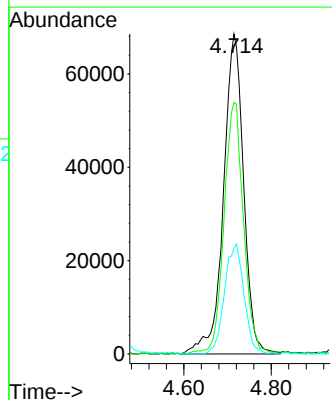
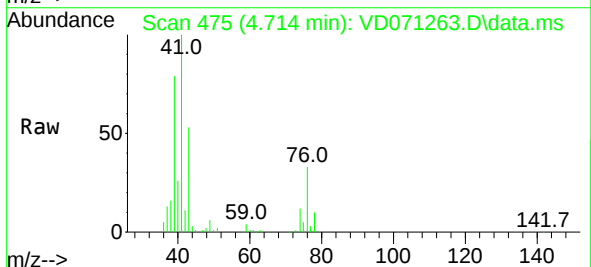
Reviewed By :Semsettin
Yesilyurt
12/12/2021

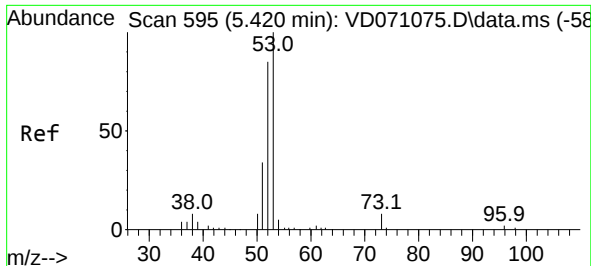
Supervised By :Amit
Patel
12/13/2021



#14
Allyl chloride
Concen: 50.897 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.007 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

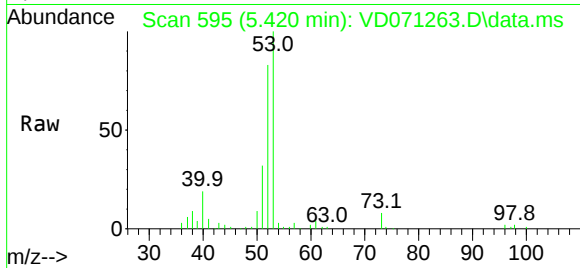
Tgt Ion: 41 Resp: 219220
Ion Ratio Lower Upper
41 100
39 76.0 45.6 68.4#
76 33.3 30.2 45.4





#15
Acrylonitrile
Concen: 280.348 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

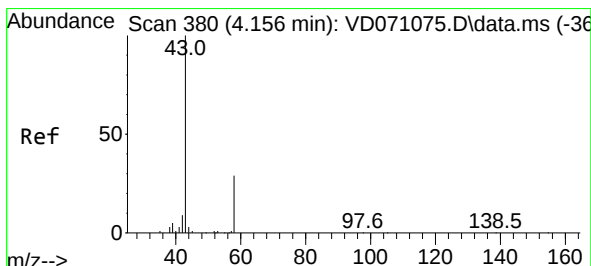
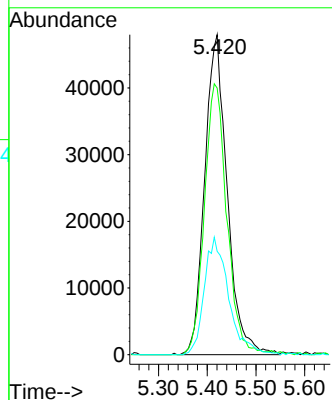
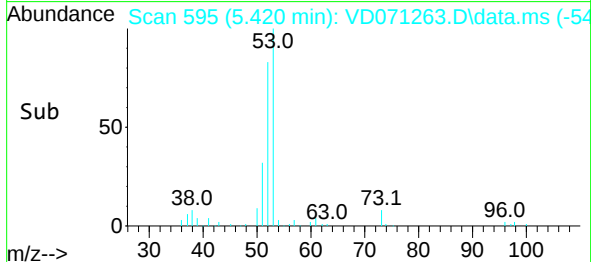


Tgt Ion: 53 Resp: 15394
Ion Ratio Lower Upper
53 100
52 84.4 63.8 95.8
51 39.7 28.5 42.7

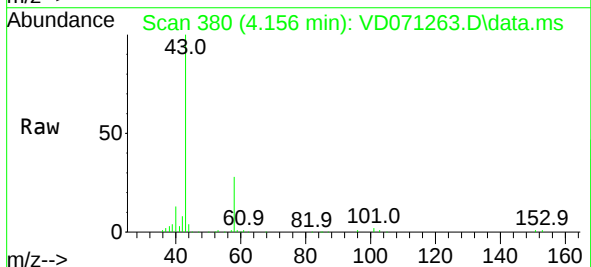
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt
12/12/2021

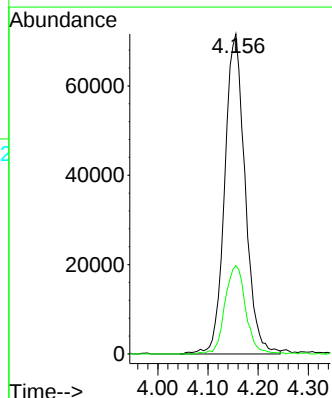
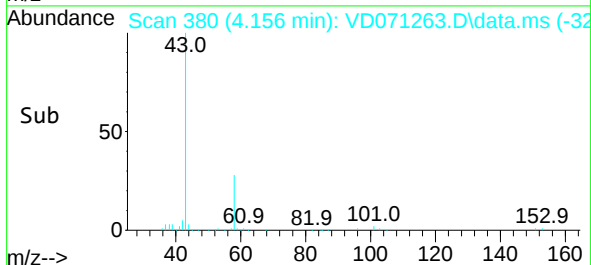
Supervised By :Amit
Patel
12/13/2021

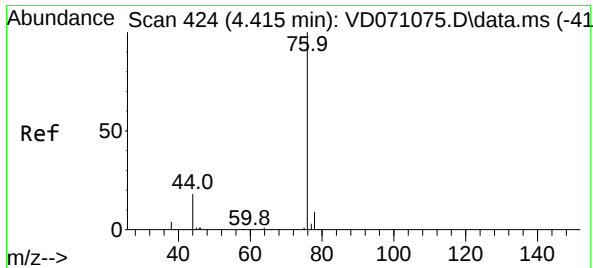


#16
Acetone
Concen: 264.290 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20



Tgt Ion: 43 Resp: 202669
Ion Ratio Lower Upper
43 100
58 27.6 27.8 41.8#





#17
Carbon Disulfide
Concen: 43.374 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

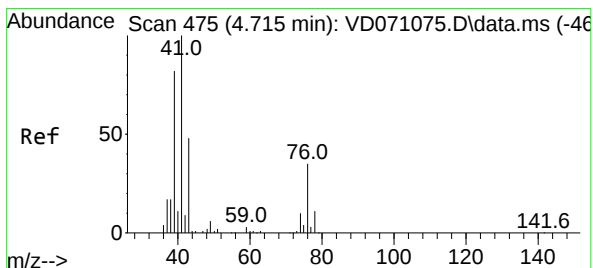
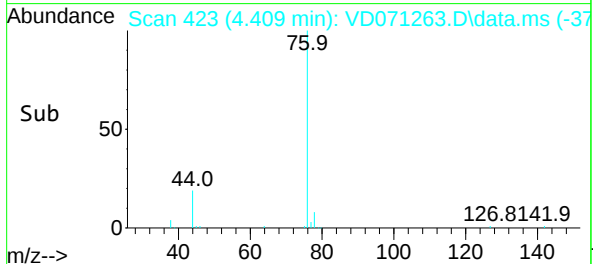
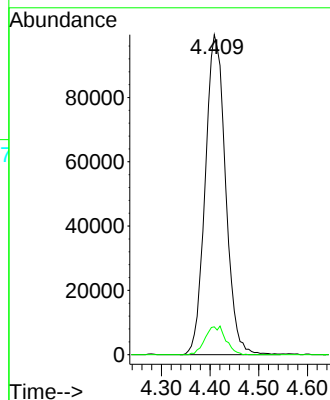
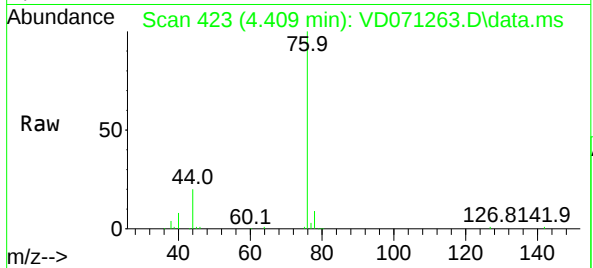
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 287962
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8

Manual Integrations
APPROVED

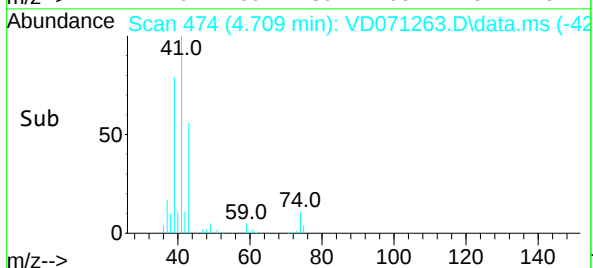
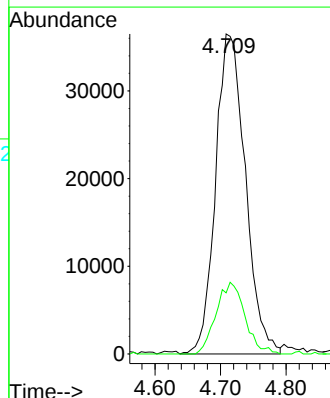
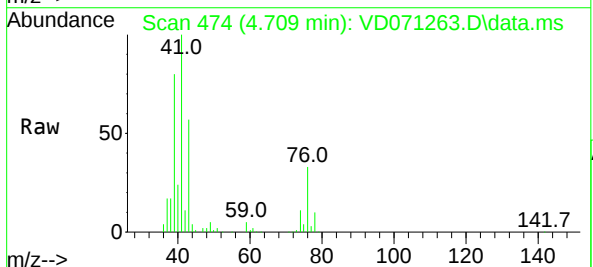
Reviewed By :Semsettin
Yesilyurt
12/12/2021

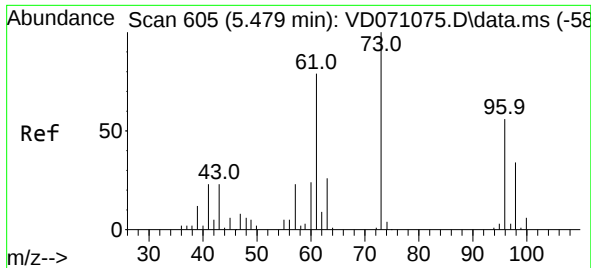
Supervised By :Amit
Patel
12/13/2021



#18
Methyl Acetate
Concen: 54.413 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Tgt Ion: 43 Resp: 115066
Ion Ratio Lower Upper
43 100
74 21.7 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 52.706 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 29289
Ion Ratio Lower Upper
73 100
57 25.3 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Semsettin

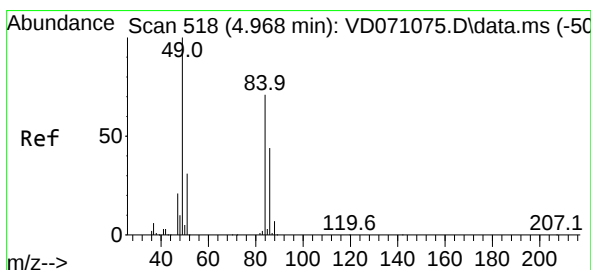
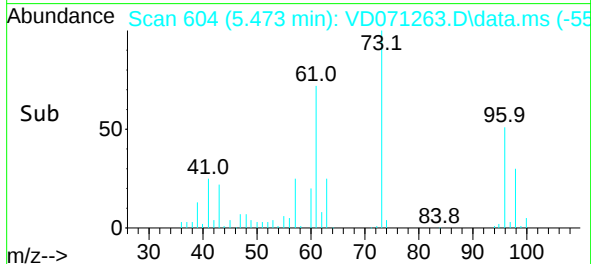
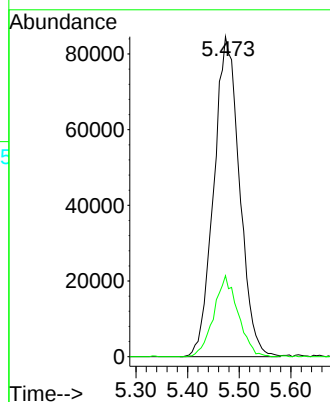
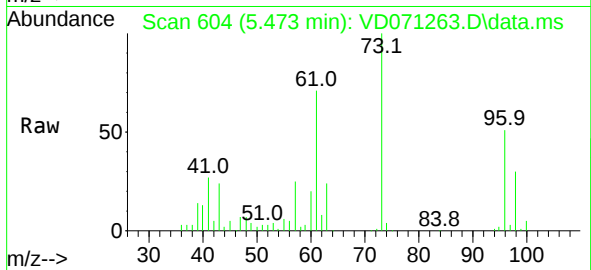
Yesilyurt

12/12/2021

Supervised By :Amit

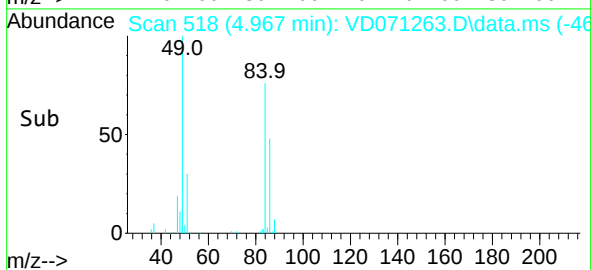
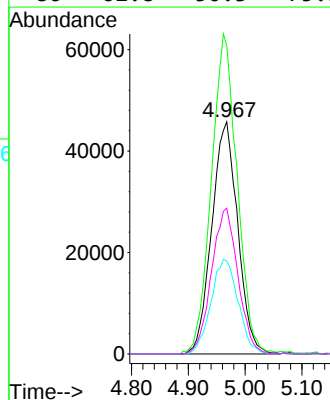
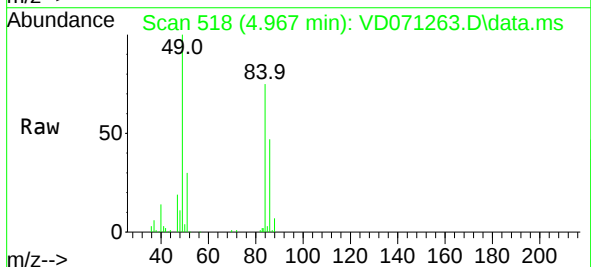
Patel

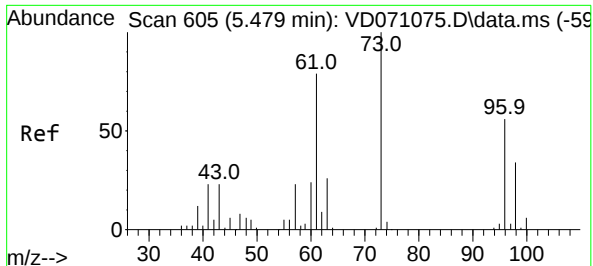
12/13/2021



#20
Methylene Chloride
Concen: 50.246 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.001 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

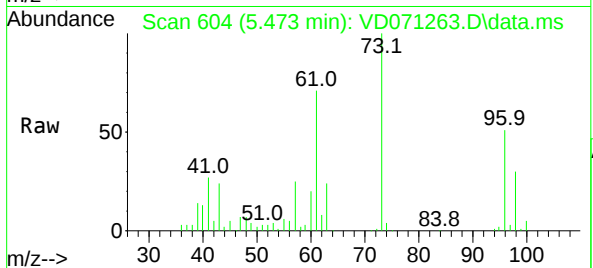
Tgt Ion: 84 Resp: 145261
Ion Ratio Lower Upper
84 100
49 132.8 95.8 143.6
51 40.0 30.9 46.3
86 62.8 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 51.018 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

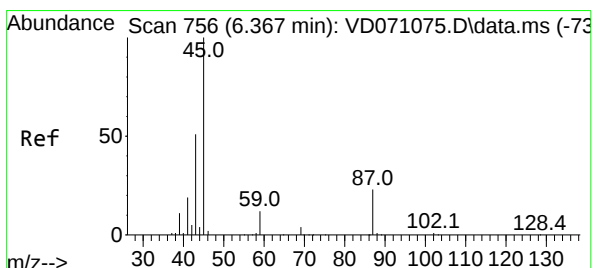
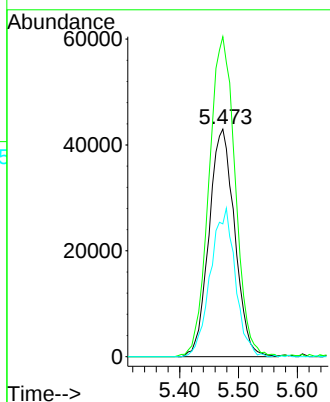
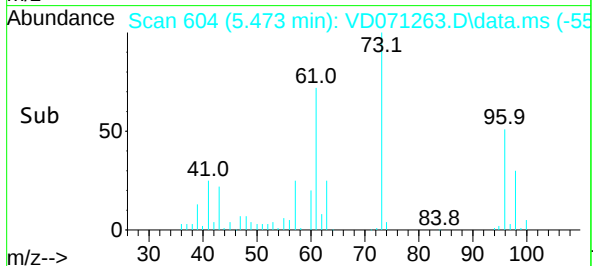


Tgt Ion: 96 Resp: 130225
Ion Ratio Lower Upper
96 100
61 140.6 102.1 153.1
98 58.3 50.1 75.1

Manual Integrations
APPROVED

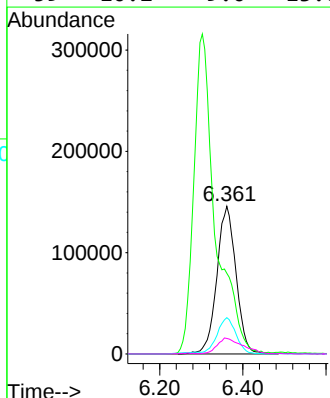
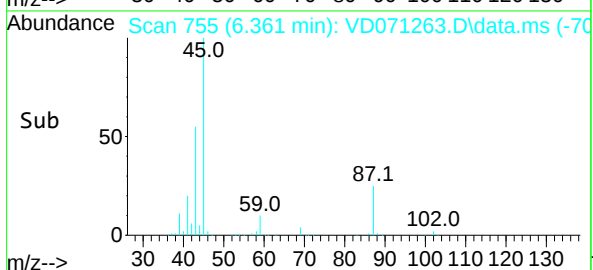
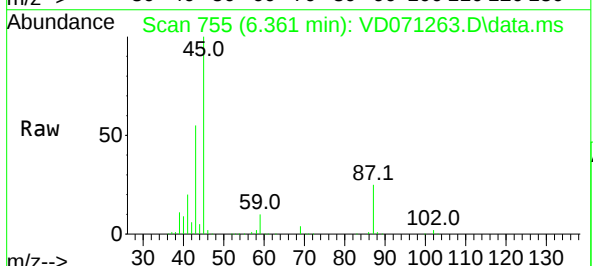
Reviewed By :Semsettin
Yesilyurt
12/12/2021

Supervised By :Amit
Patel
12/13/2021



#22
Diisopropyl ether
Concen: 54.192 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

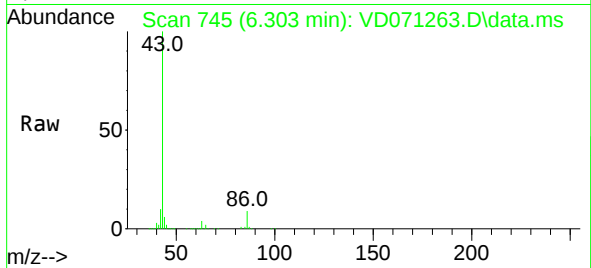
Tgt Ion: 45 Resp: 467646
Ion Ratio Lower Upper
45 100
43 53.7 39.6 59.4
87 24.3 21.2 31.8
59 10.2 9.0 13.6





#23
 Vinyl Acetate
 Concen: 245.325 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD071263.D
 Acq: 11 Dec 2021 11:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

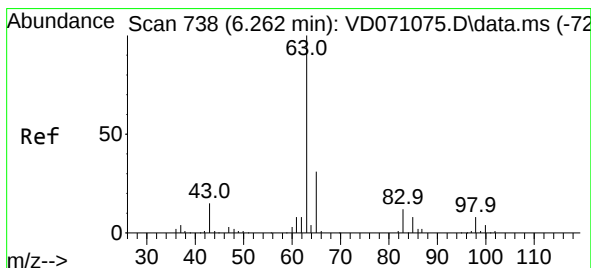
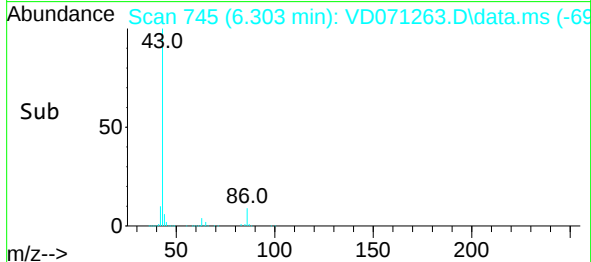
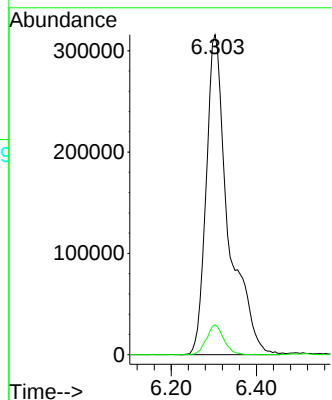


Tgt Ion: 43 Resp: 114216
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.2 12.4

Manual Integrations
 APPROVED

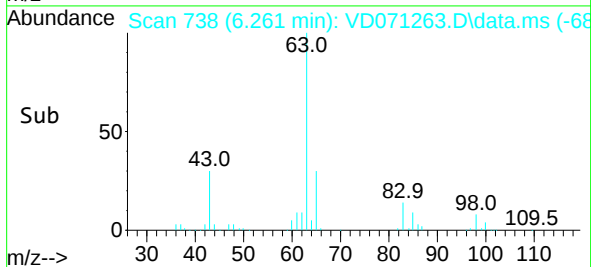
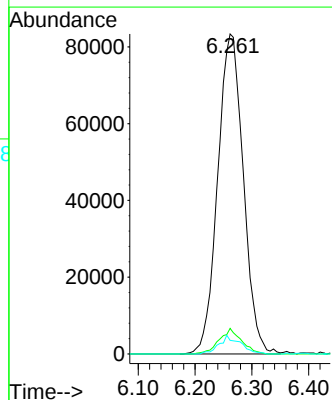
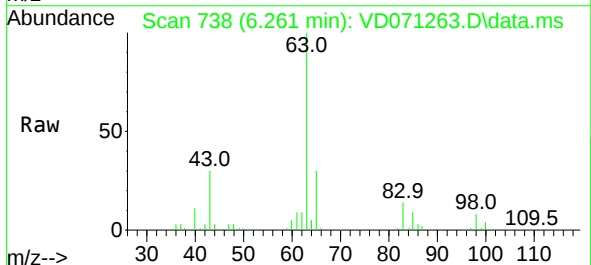
Reviewed By :Semsettin
 Yesilyurt
 12/12/2021

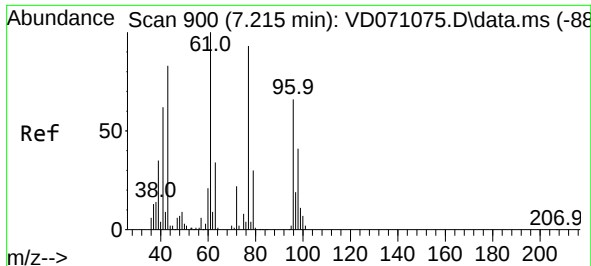
Supervised By :Amit
 Patel
 12/13/2021



#24
 1,1-Dichloroethane
 Concen: 52.670 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.001 min
 Lab File: VD071263.D
 Acq: 11 Dec 2021 11:20

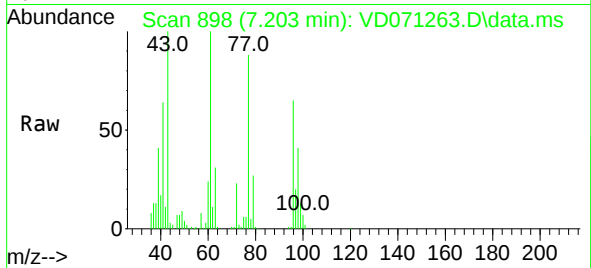
Tgt Ion: 63 Resp: 261424
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.6
 100 4.3 2.1 6.3





#25
2-Butanone
Concen: 254.191 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

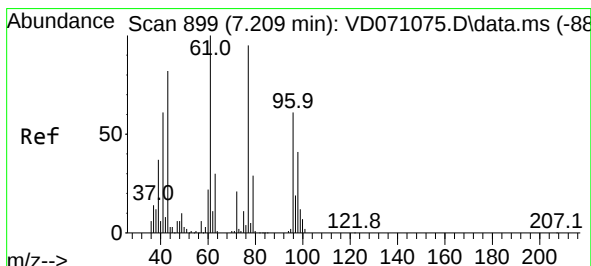
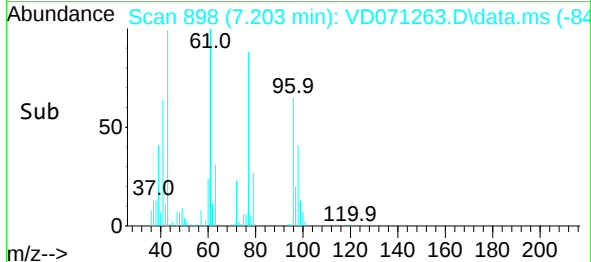
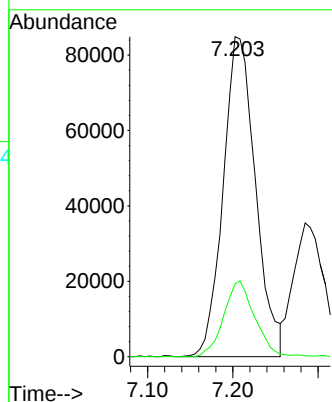


Tgt Ion: 43 Resp: 223904
Ion Ratio Lower Upper
43 100
72 22.8 23.8 35.6

Manual Integrations
APPROVED

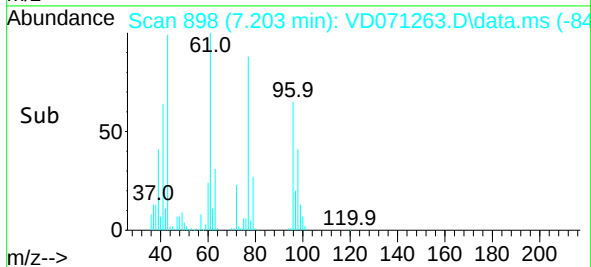
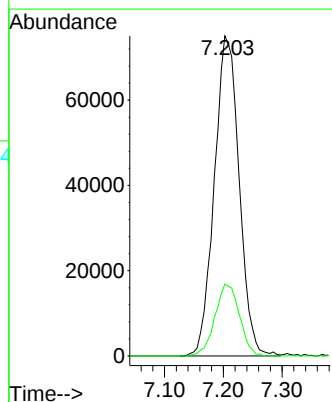
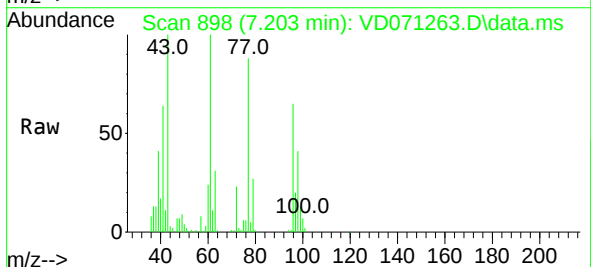
Reviewed By :Semsettin
Yesilyurt
12/12/2021

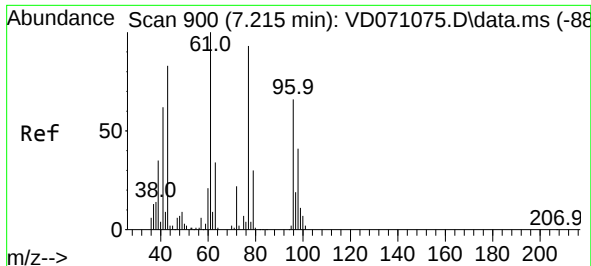
Supervised By :Amit
Patel
12/13/2021



#26
2,2-Dichloropropane
Concen: 48.726 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Tgt Ion: 77 Resp: 219922
Ion Ratio Lower Upper
77 100
97 22.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 53.034 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.007 min

Lab File: VD071263.D

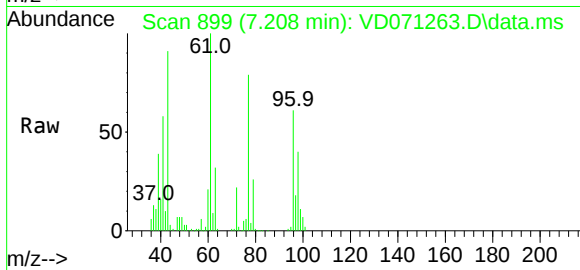
Acq: 11 Dec 2021 11:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 153149

Ion Ratio Lower Upper

96 100

61 156.1 0.0 288.6

98 64.6 0.0 129.2

Manual Integrations

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Reviewed By :Semsettin

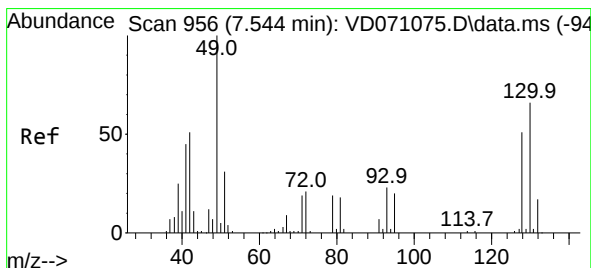
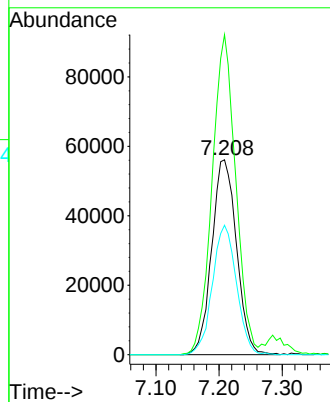
Yesilyurt

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Supervised By :Amit

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#28

Bromochloromethane

Concen: 52.516 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

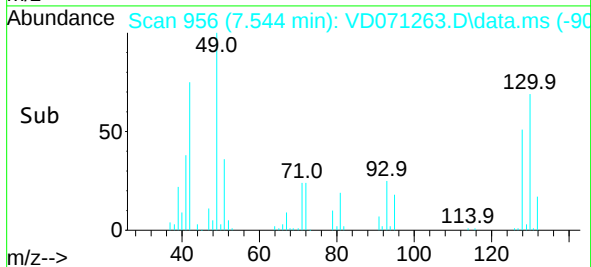
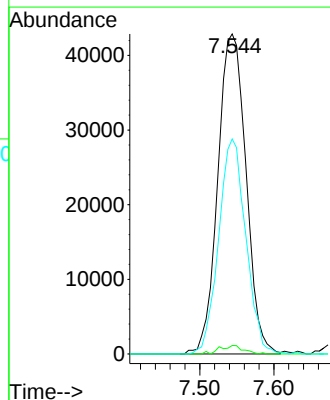
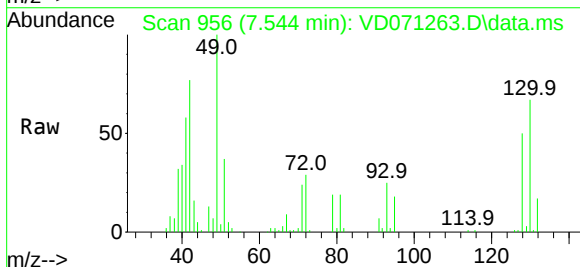
Tgt Ion: 49 Resp: 113215

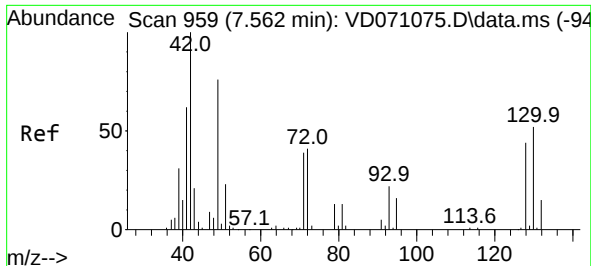
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 64.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 283.875 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.001 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 12919

Ion	Ratio	Lower	Upper
42	100		
72	37.7	33.7	50.5
71	36.4	32.7	49.1

Manual Integrations
APPROVED

Reviewed By :Semsettin

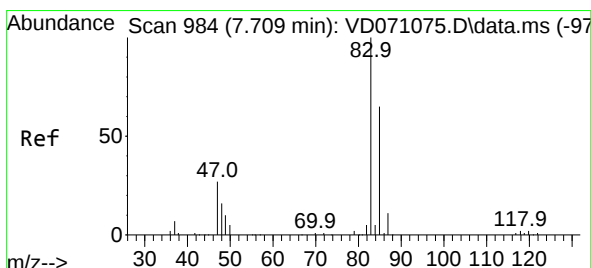
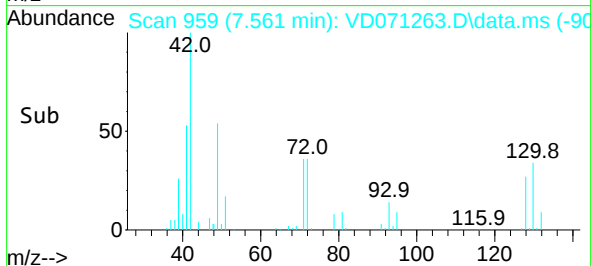
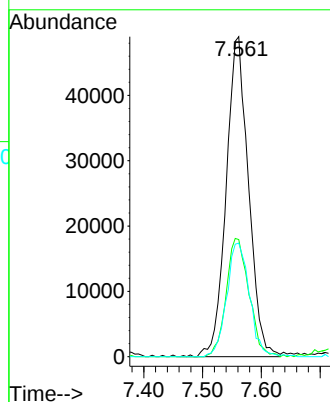
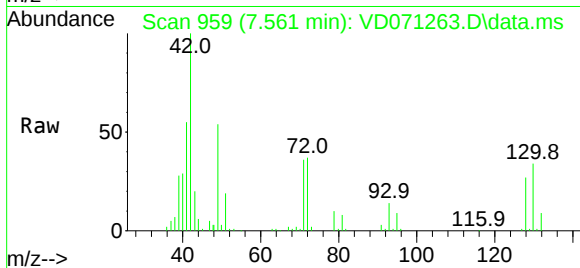
Yesilyurt

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Patel

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#30

Chloroform

Concen: 54.185 ug/l

RT: 7.703 min Scan# 983

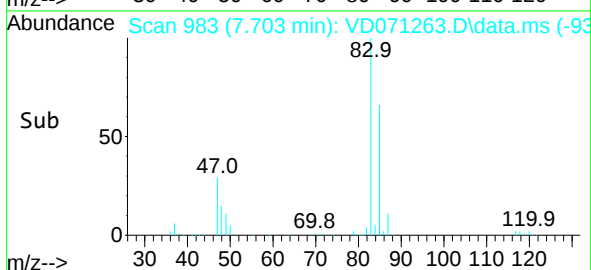
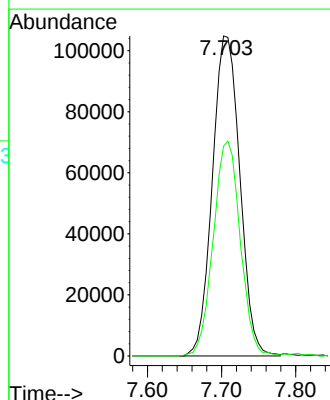
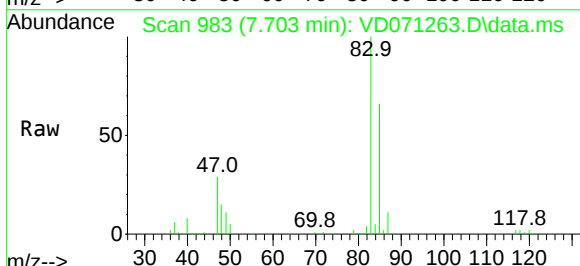
Delta R.T. -0.006 min

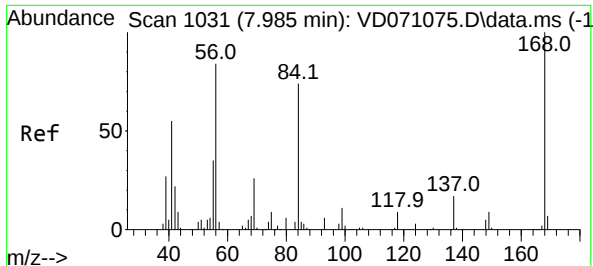
Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Tgt Ion: 83 Resp: 269913

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.0	76.6





#31

Cyclohexane

Concen: 45.596 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 222292

Ion Ratio Lower Upper

56 100

69 32.3 25.9 38.9

84 85.1 64.3 96.5

Manual Integrations

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Reviewed By :Semsettin

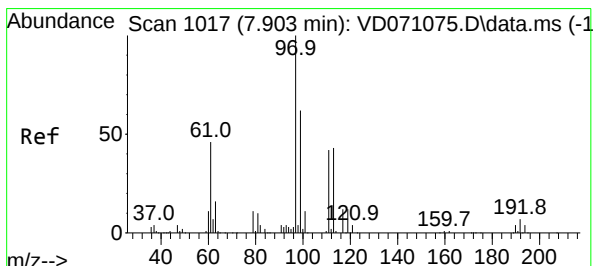
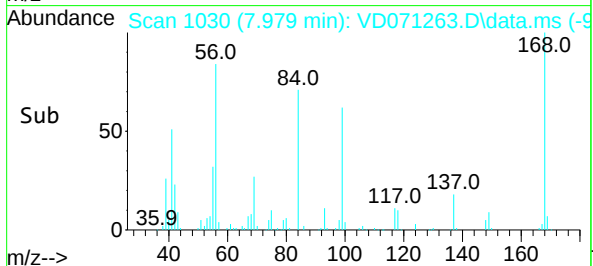
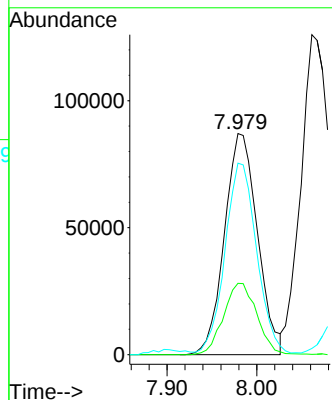
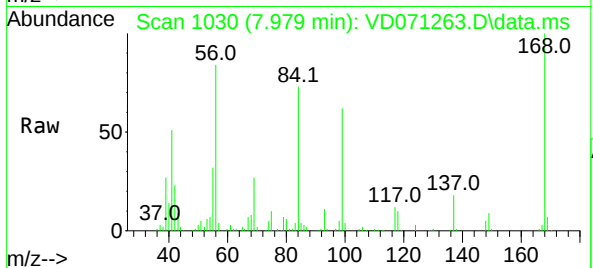
Yesilyurt

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Supervised By :Amit

Patel

12/13/2021



#32

1,1,1-Trichloroethane

Concen: 52.942 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

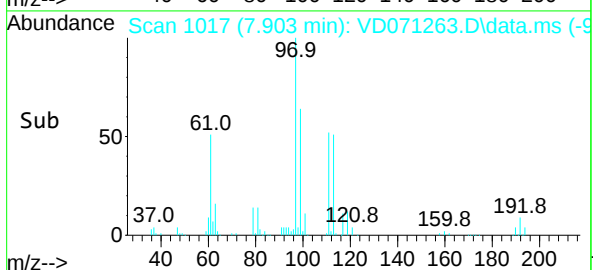
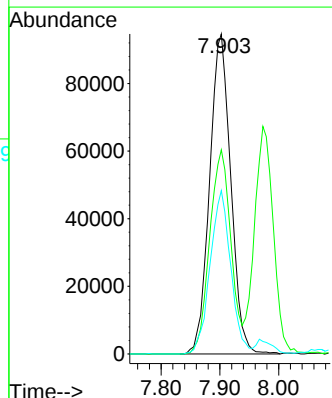
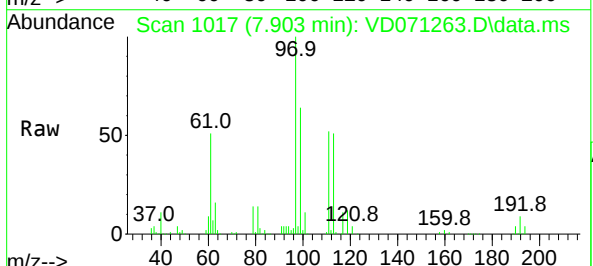
Tgt Ion: 97 Resp: 236774

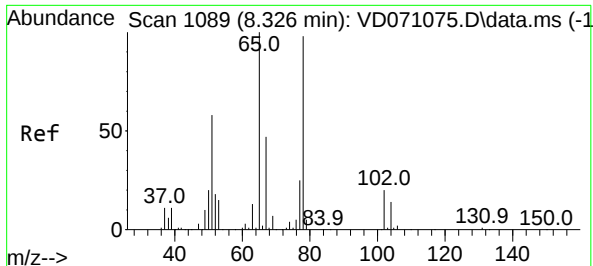
Ion Ratio Lower Upper

97 100

99 63.8 50.3 75.5

61 49.9 33.0 49.4#





#33

1,2-Dichloroethane-d4

Concen: 49.568 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 142069

Ion Ratio Lower Upper

65 100

67 51.1 0.0 112.2

Manual Integrations

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Reviewed By :Semsettin

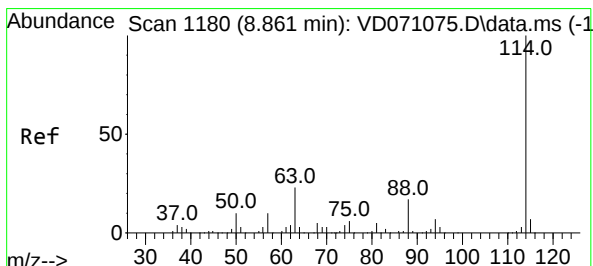
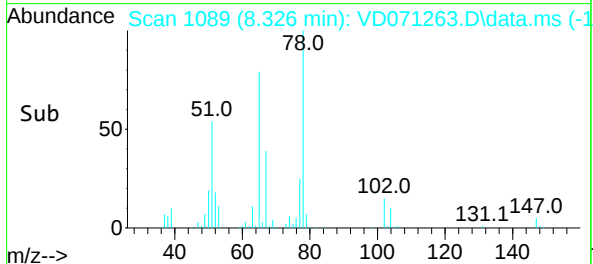
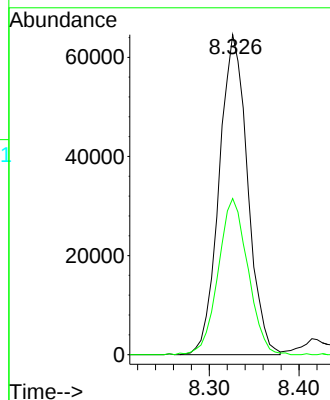
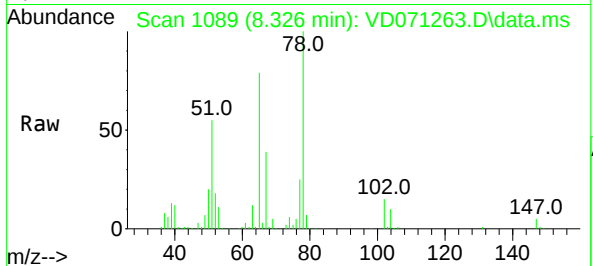
Yesilyurt

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

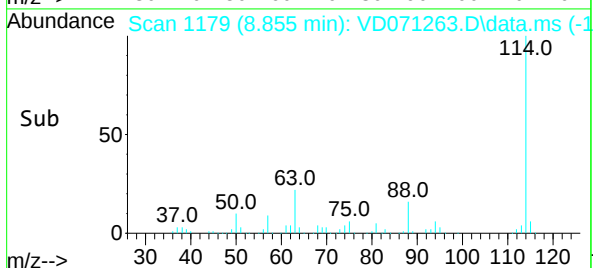
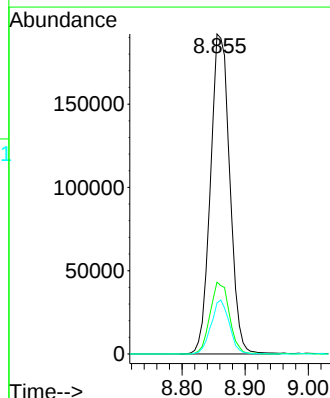
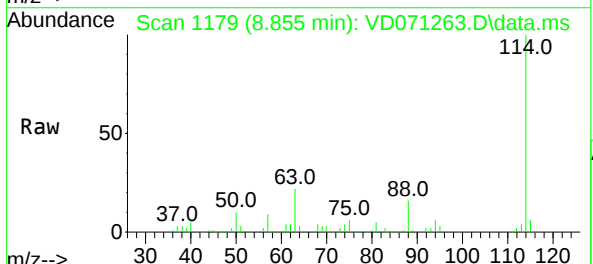
Tgt Ion:114 Resp: 408205

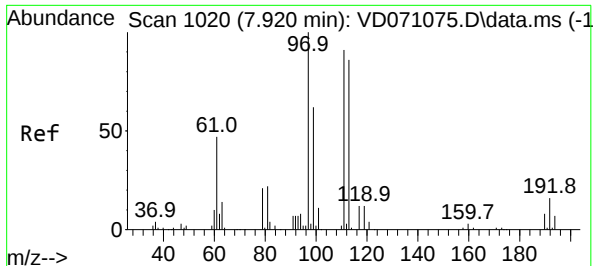
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.358 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	130902
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.0	123.0
192	18.9	15.2	22.8

Manual Integrations

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Reviewed By :Semsettin

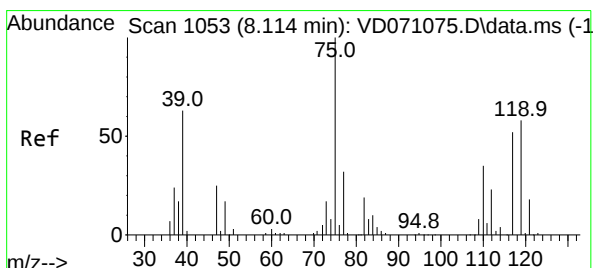
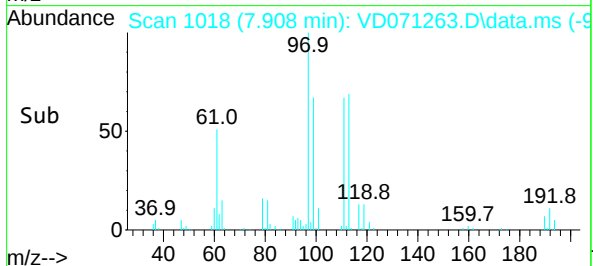
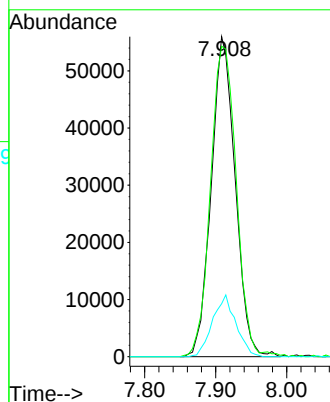
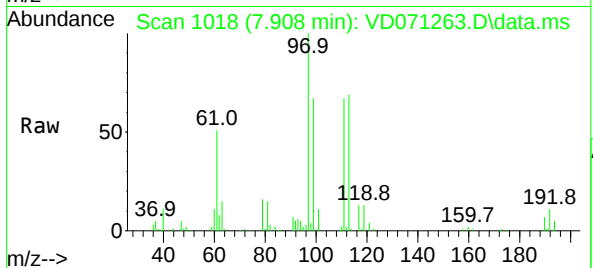
Yesilyurt

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Patel

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#36

1,1-Dichloropropene

Concen: 51.344 ug/l

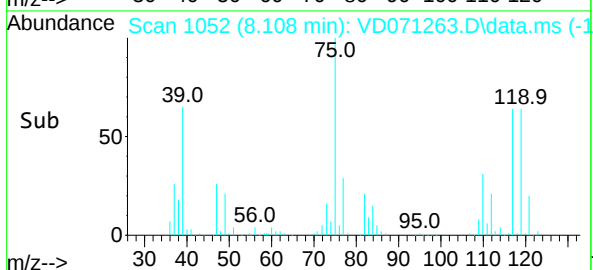
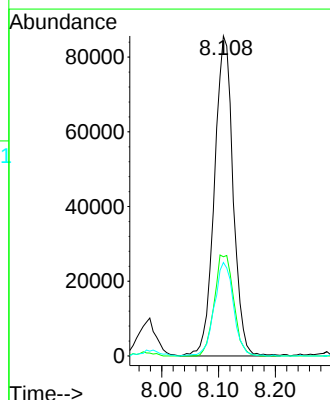
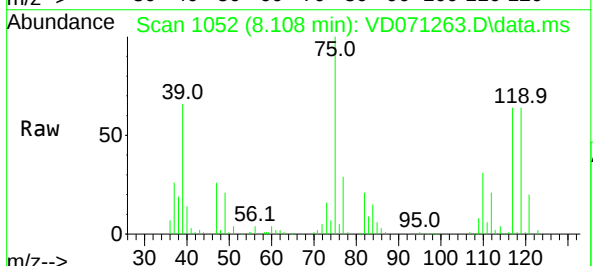
RT: 8.108 min Scan# 1052

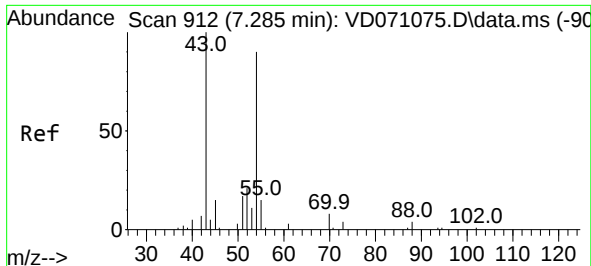
Delta R.T. -0.006 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Tgt Ion:	75	Resp:	195887
Ion	Ratio	Lower	Upper
75	100		
110	32.7	17.8	53.4
77	29.9	24.8	37.2





#37

Ethyl Acetate

Concen: 54.674 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 9010

Ion	Ratio	Lower	Upper
43	100		
61	13.3	13.0	19.6
70	9.1	8.7	13.1

Manual Integrations
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Reviewed By :Semsettin

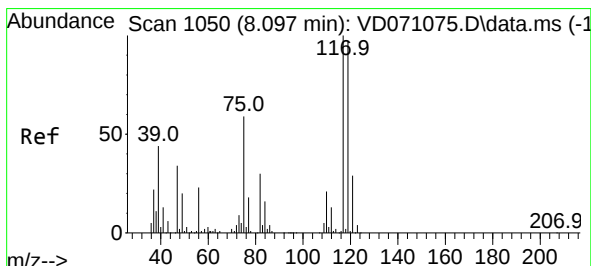
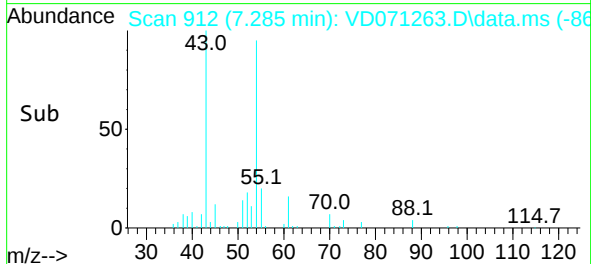
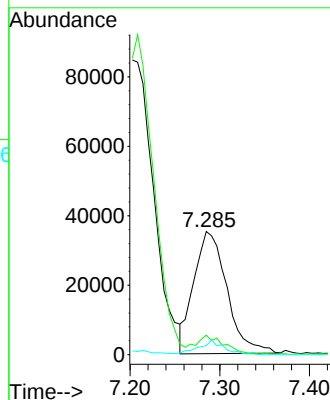
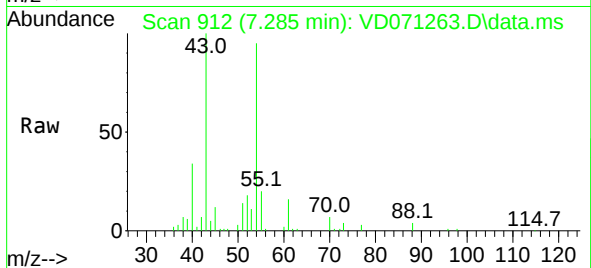
Yesilyurt

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Patel

12/13/2021



#38

Carbon Tetrachloride

Concen: 54.286 ug/l

RT: 8.091 min Scan# 1049

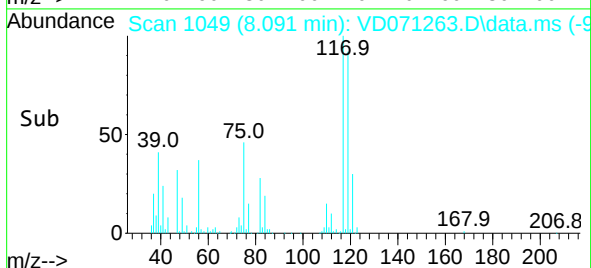
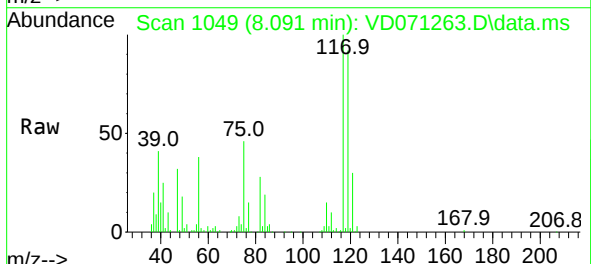
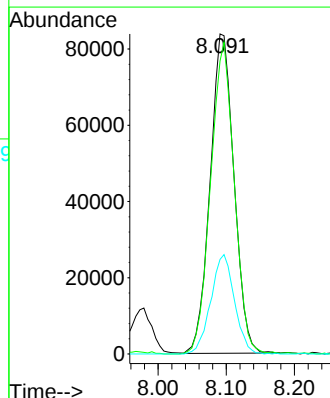
Delta R.T. -0.006 min

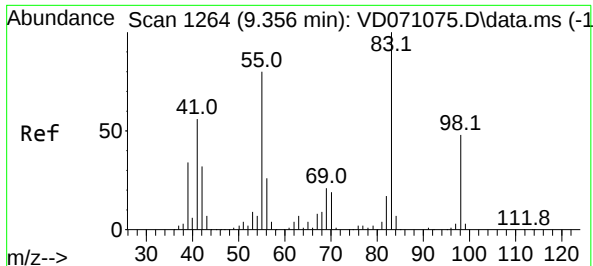
Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Tgt Ion:117 Resp: 204161

Ion	Ratio	Lower	Upper
117	100		
119	91.8	75.8	113.6
121	29.6	23.6	35.4





#39

Methylcyclohexane

Concen: 47.433 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 21766

Ion Ratio Lower Upper

83 100

55 82.8 65.8 98.8

98 47.7 38.7 58.1

Manual Integrations

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Reviewed By :Semsettin

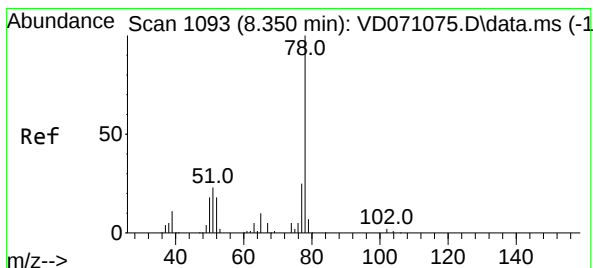
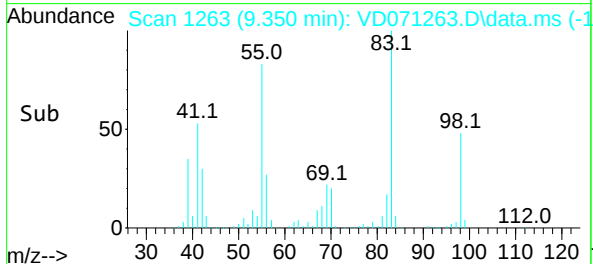
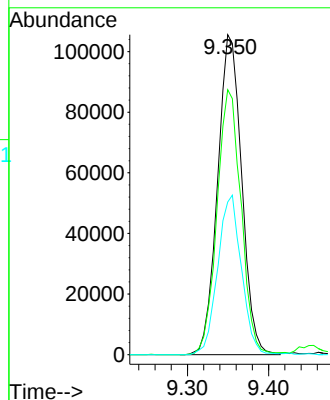
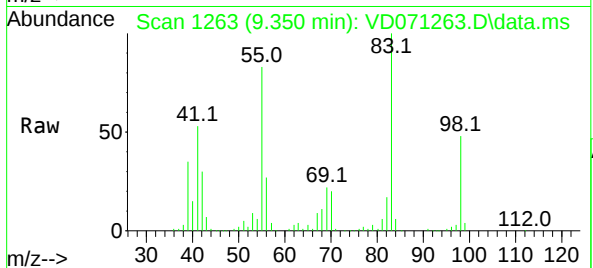
Yesilyurt

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Supervised By :Amit

Patel

12/13/2021



#40

Benzene

Concen: 52.300 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071263.D

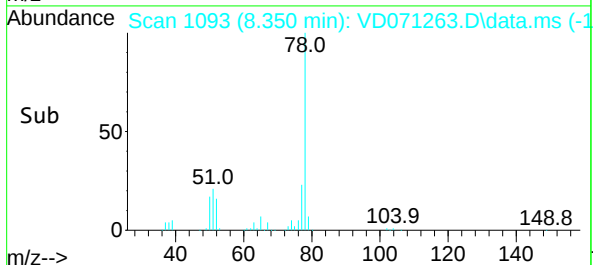
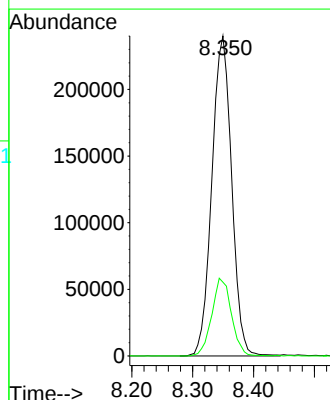
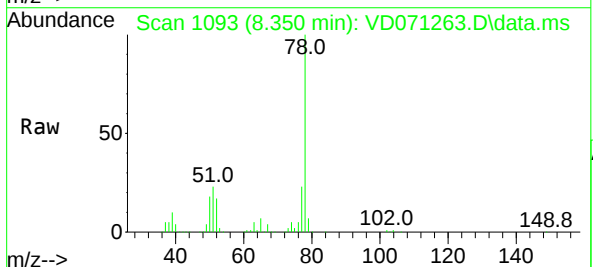
Acq: 11 Dec 2021 11:20

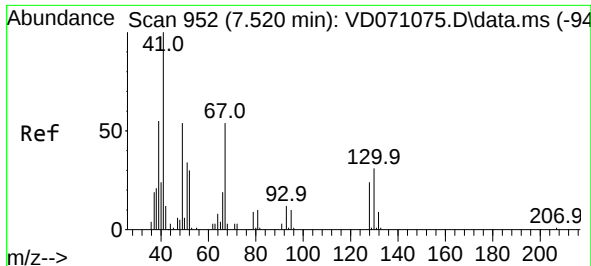
Tgt Ion: 78 Resp: 541999

Ion Ratio Lower Upper

78 100

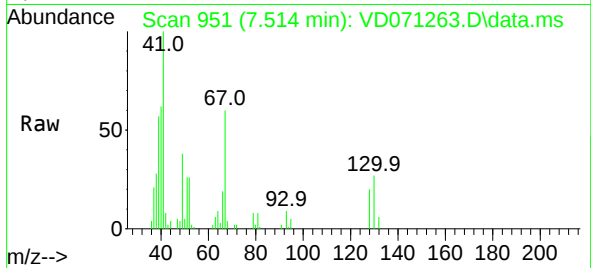
77 23.0 19.1 28.7





#41
Methacrylonitrile
Concen: 64.391 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

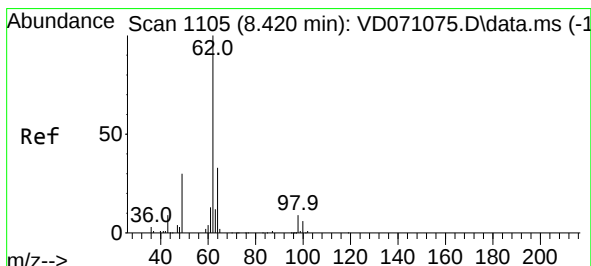
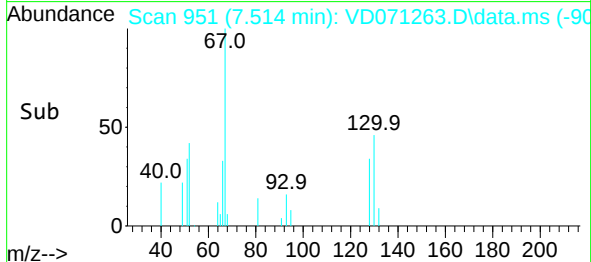
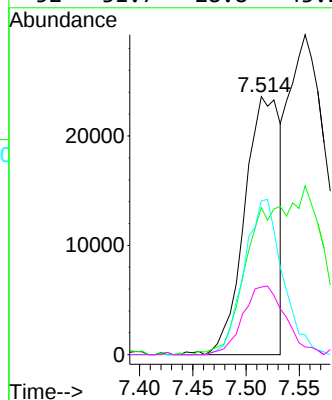


Tgt Ion: 41 Resp: 5466
Ion Ratio Lower Upper
41 100
39 66.6 60.2 90.4
67 65.1 74.8 112.2
52 31.7 28.8 43.2

Manual Integrations
APPROVED

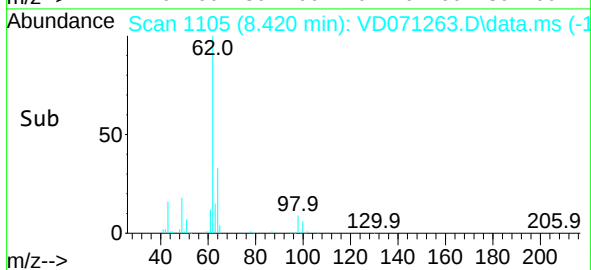
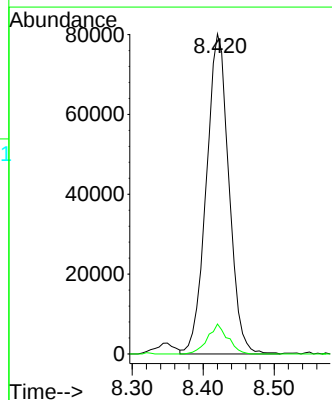
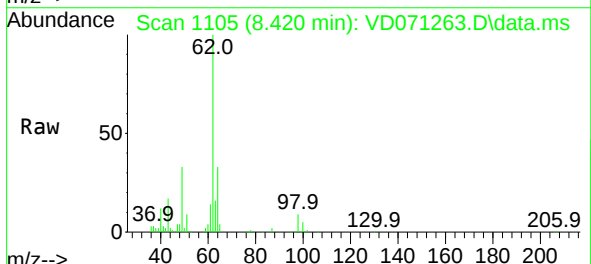
Reviewed By :Semsettin
Yesilyurt
12/12/2021

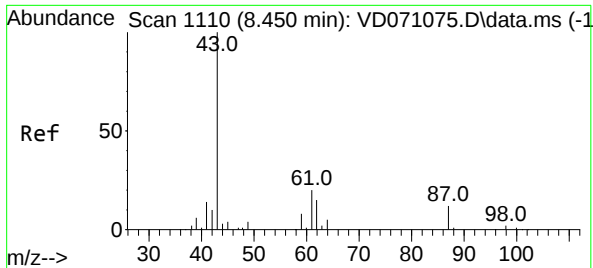
Supervised By :Amit
Patel
12/13/2021



#42
1,2-Dichloroethane
Concen: 55.942 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

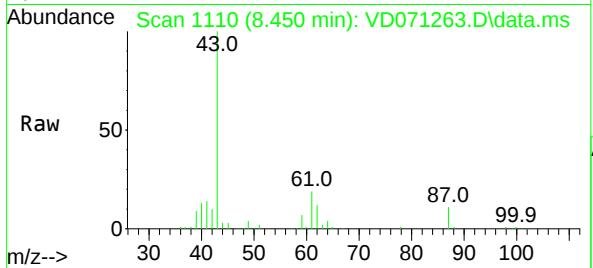
Tgt Ion: 62 Resp: 176962
Ion Ratio Lower Upper
62 100
98 8.3 0.0 21.8





#43
Isopropyl Acetate
Concen: 50.149 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

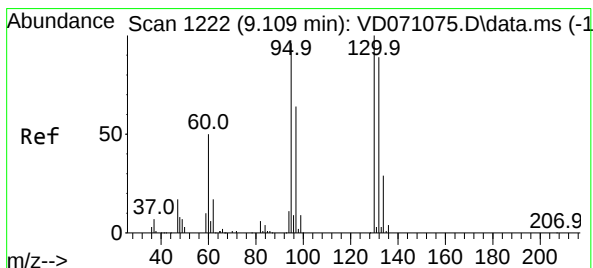
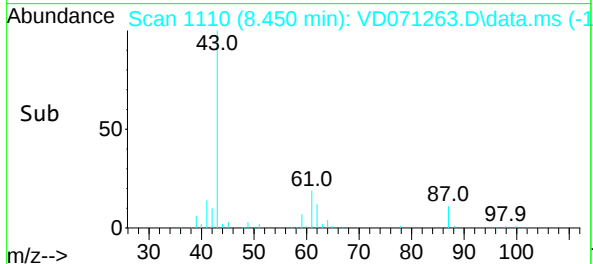
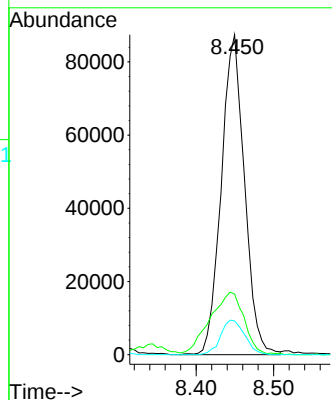


Tgt Ion: 43 Resp: 181920
Ion Ratio Lower Upper
43 100
61 28.9 28.2 42.4
87 11.2 10.7 16.1

Manual Integrations
APPROVED

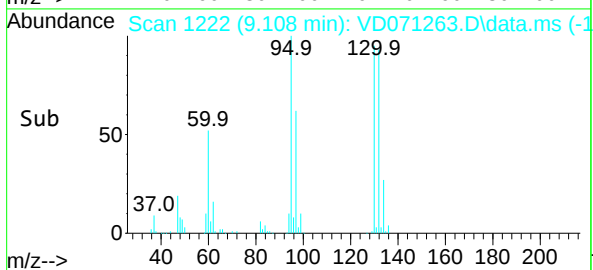
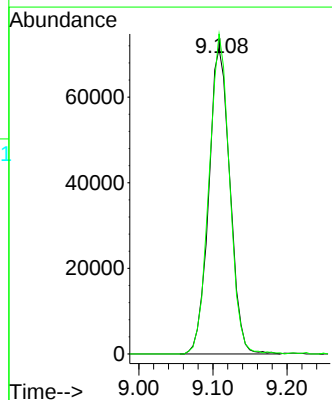
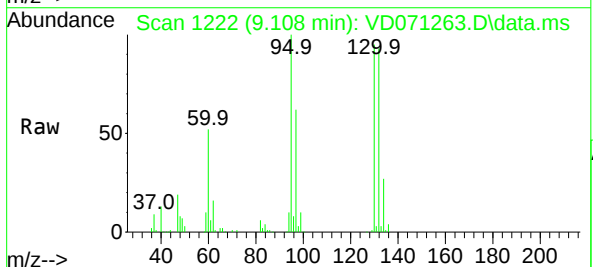
Reviewed By :Semsettin
Yesilyurt
12/12/2021

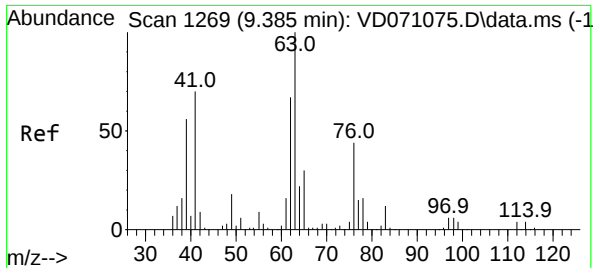
Supervised By :Amit
Patel
12/13/2021



#44
Trichloroethene
Concen: 51.416 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.001 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Tgt Ion:130 Resp: 142066
Ion Ratio Lower Upper
130 100
95 104.8 0.0 193.2





#45

1,2-Dichloropropane

Concen: 54.441 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 14837

Ion Ratio Lower Upper

63 100

65 28.8 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin

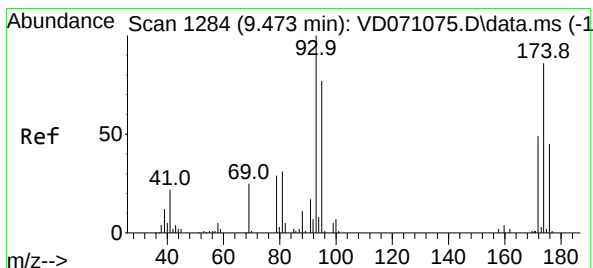
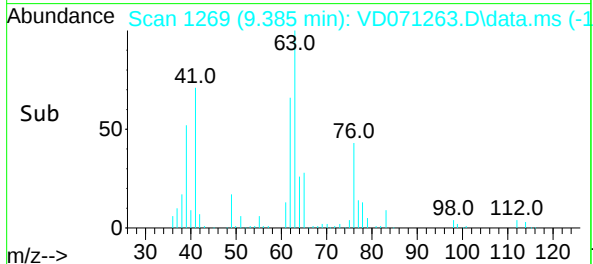
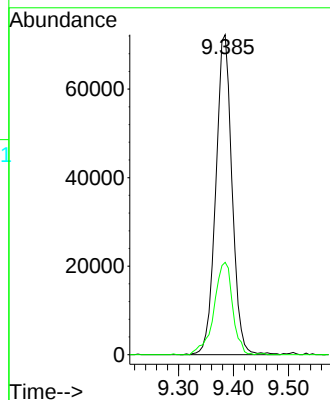
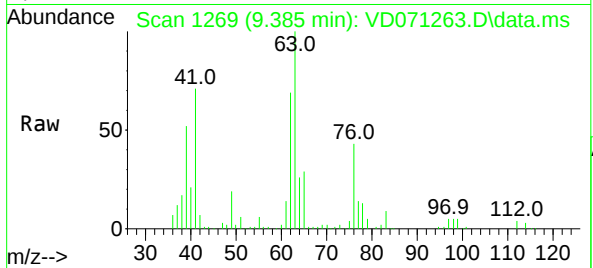
Yesilyurt

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Supervised By :Amit

Patel

12/13/2021



#46

Dibromomethane

Concen: 54.692 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

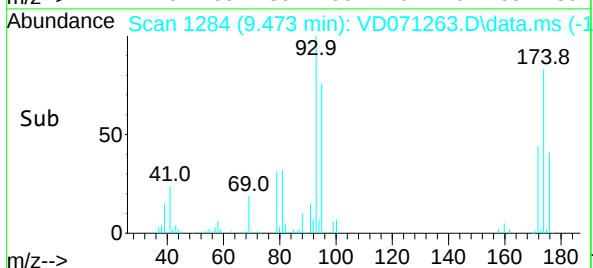
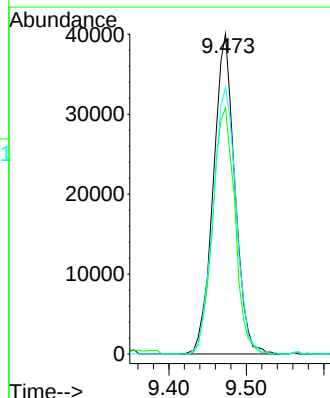
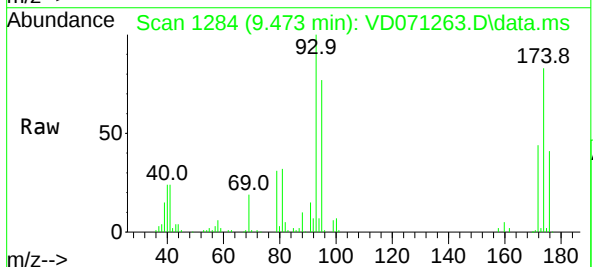
Tgt Ion: 93 Resp: 77331

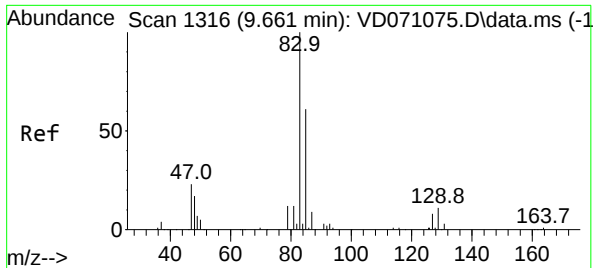
Ion Ratio Lower Upper

93 100

95 79.8 66.1 99.1

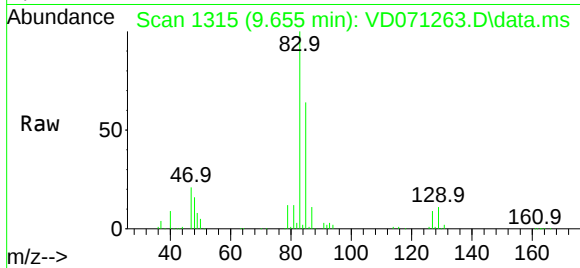
174 88.9 78.6 117.8





#47
Bromodichloromethane
Concen: 55.582 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

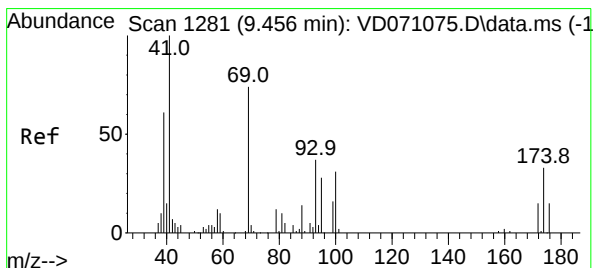
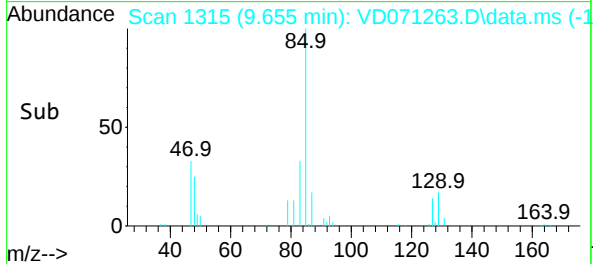
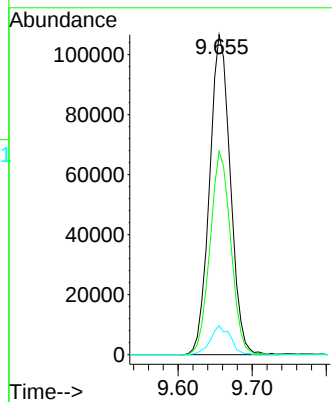


Tgt Ion: 83 Resp: 207840
Ion Ratio Lower Upper
83 100
85 63.6 50.0 75.0
127 9.1 7.3 10.9

Manual Integrations
APPROVED

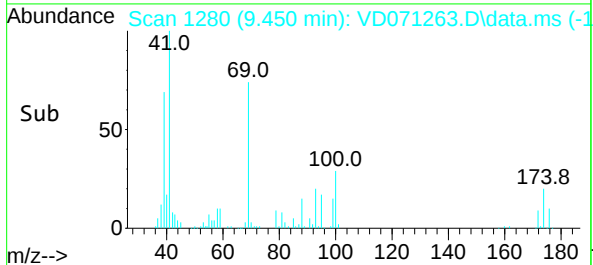
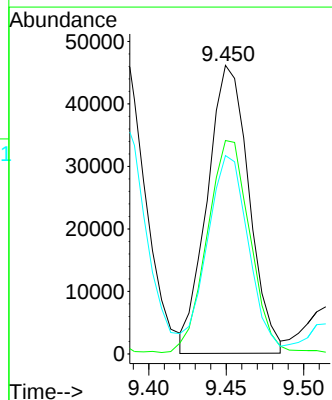
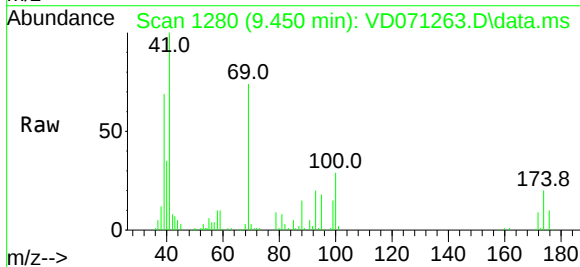
Reviewed By :Semsettin
Yesilyurt
12/12/2021

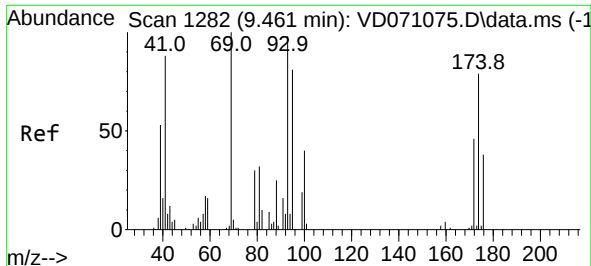
Supervised By :Amit
Patel
12/13/2021



#48
Methyl methacrylate
Concen: 53.549 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Tgt Ion: 41 Resp: 86384
Ion Ratio Lower Upper
41 100
69 77.3 69.8 104.6
39 68.1 35.6 53.4#





#49

1,4-Dioxane

Concen: 1241.853 ug/l

RT: 9.455 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

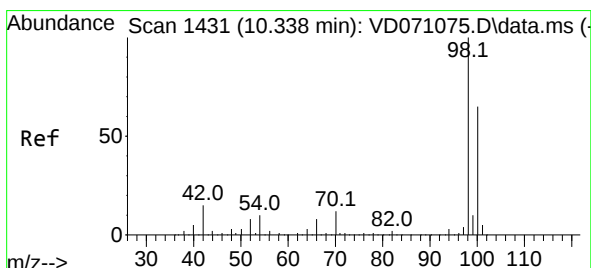
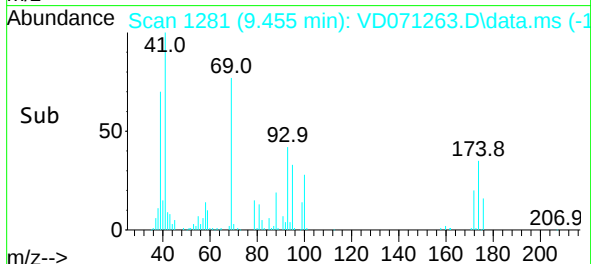
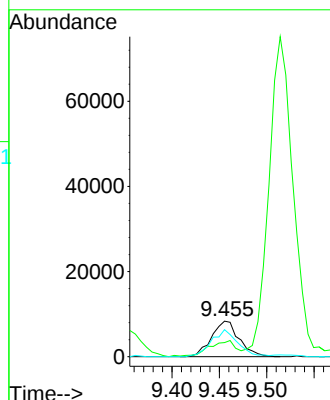
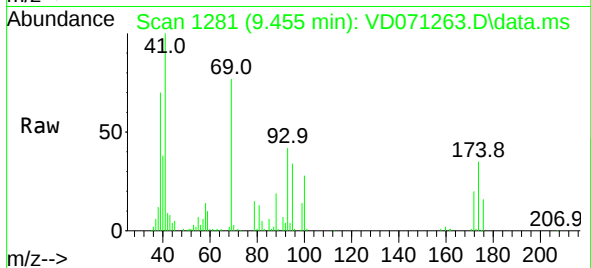
Tgt Ion: 88 Resp: 16950

Ion	Ratio	Lower	Upper
88	100		
43	44.7	28.9	43.3
58	73.2	56.3	84.5

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt
12/12/2021

Supervised By :Amit
Patel
12/13/2021



#50

Toluene-d8

Concen: 46.924 ug/l

RT: 10.332 min Scan# 1430

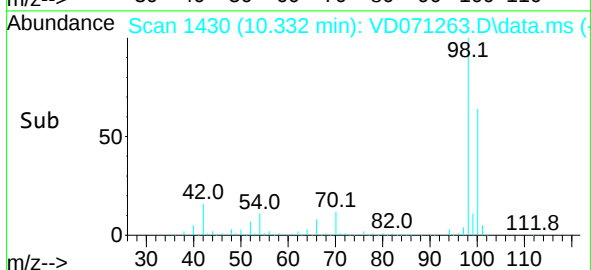
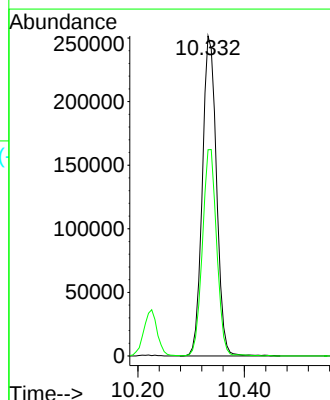
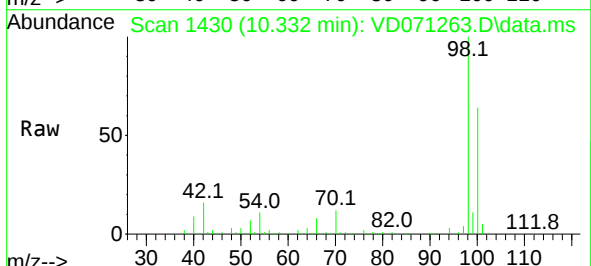
Delta R.T. -0.006 min

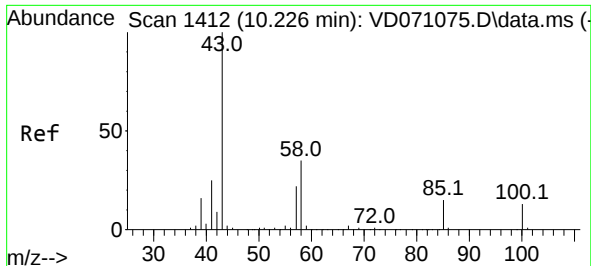
Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Tgt Ion: 98 Resp: 464175

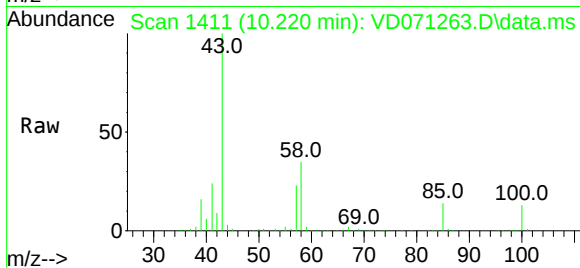
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.8	77.6





#51
4-Methyl-2-Pentanone
Concen: 257.239 ug/l
RT: 10.220 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

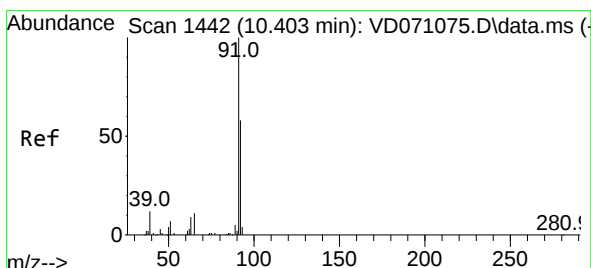
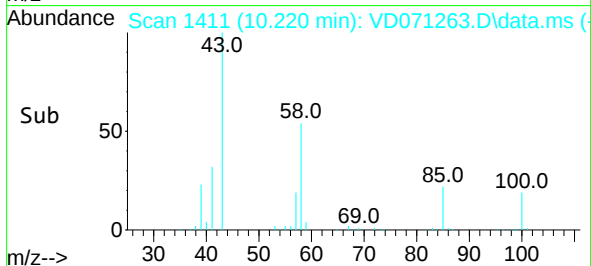
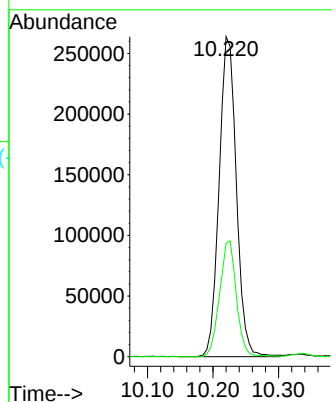


Tgt Ion: 43 Resp: 479920
Ion Ratio Lower Upper
43 100
58 35.3 33.1 49.7

Manual Integrations
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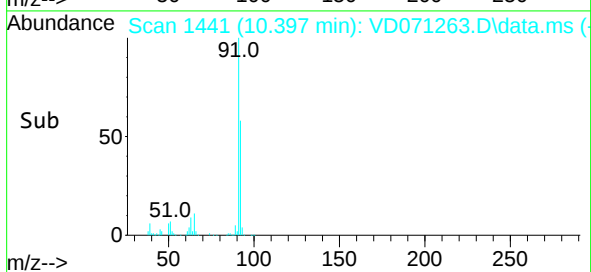
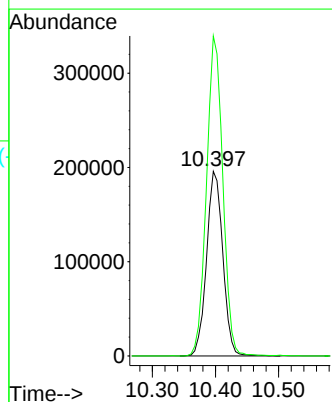
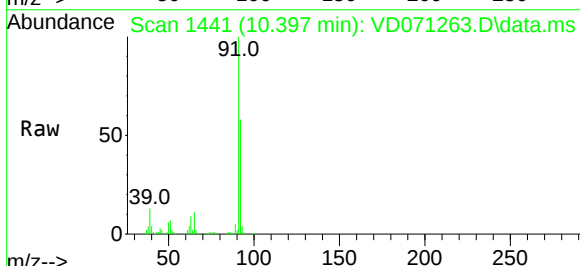
Reviewed By :Semsettin
Yesilyurt
12/12/2021

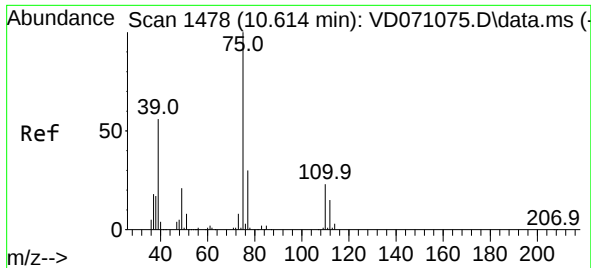
Supervised By :Amit
Patel
12/13/2021



#52
Toluene
Concen: 53.263 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.007 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

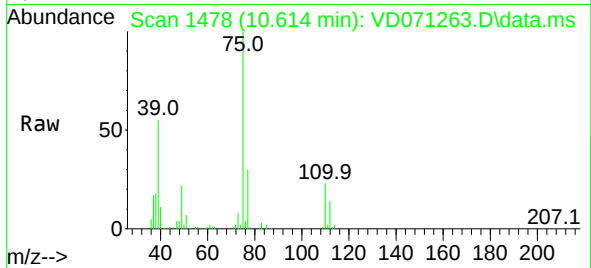
Tgt Ion: 92 Resp: 350224
Ion Ratio Lower Upper
92 100
91 174.0 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 55.299 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

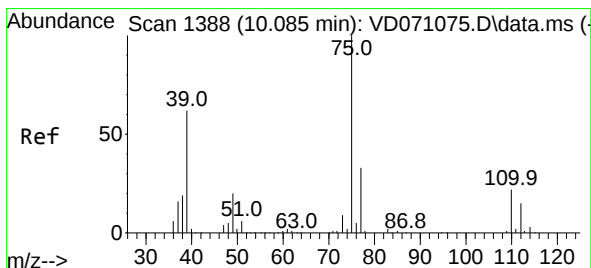
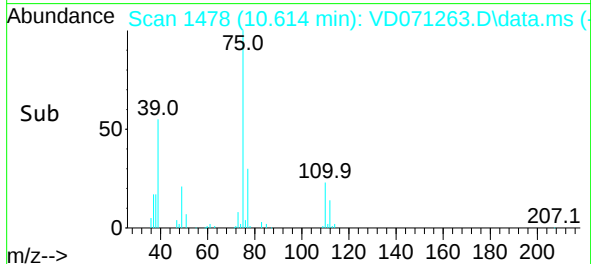
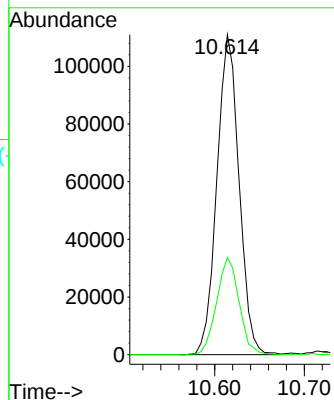


Tgt Ion: 75 Resp: 190118
Ion Ratio Lower Upper
75 100
77 30.3 24.5 36.7

Manual Integrations
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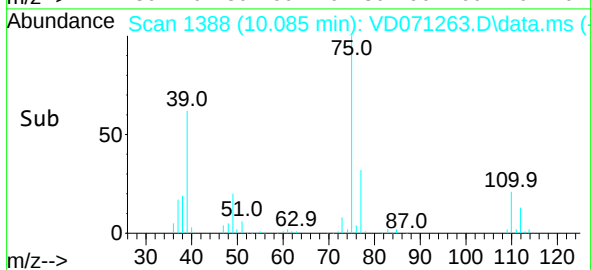
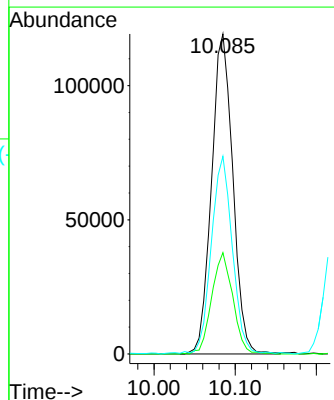
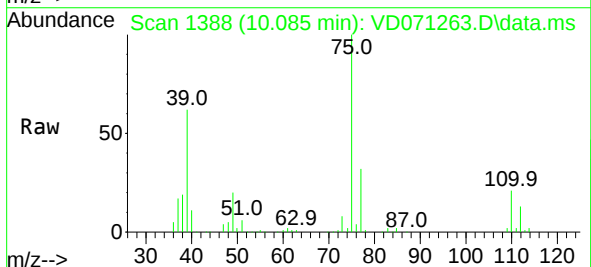
Reviewed By :Semsettin
Yesilyurt
12/12/2021

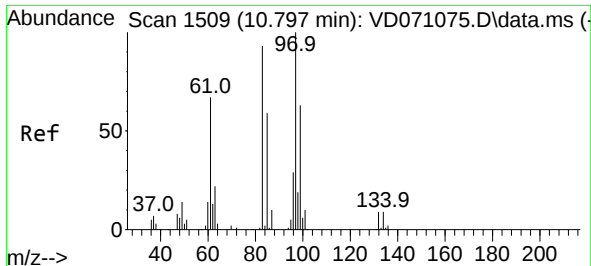
Supervised By :Amit
Patel
12/13/2021



#54
cis-1,3-Dichloropropene
Concen: 53.184 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

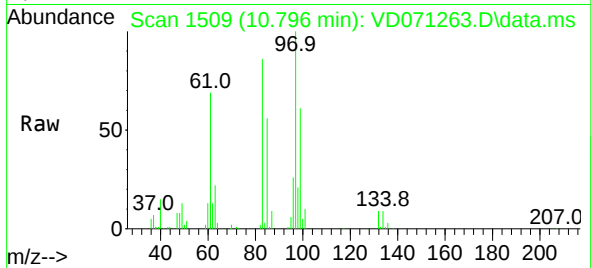
Tgt Ion: 75 Resp: 217190
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6
39 61.6 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 55.923 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.001 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

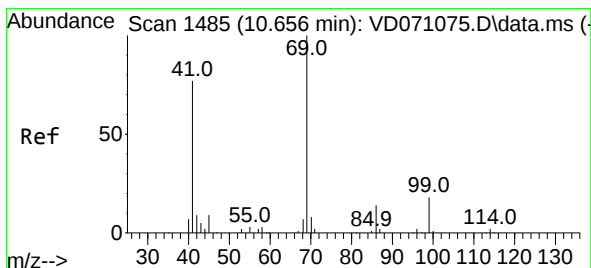
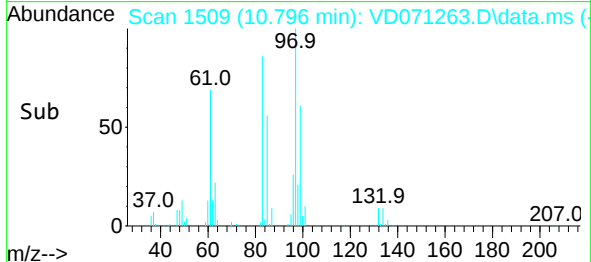
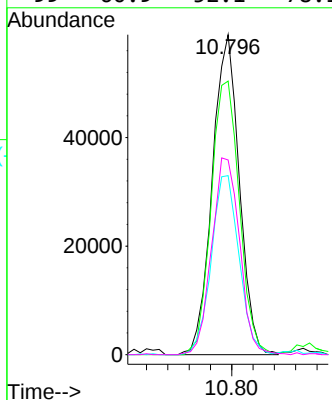


Tgt Ion: 97 Resp: 10373
Ion Ratio Lower Upper
97 100
83 85.5 65.2 97.8
85 55.9 43.4 65.0
99 60.9 52.1 78.1

Manual Integrations
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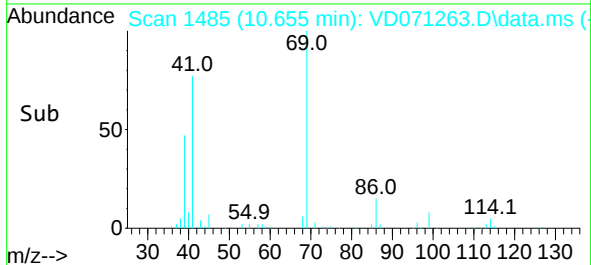
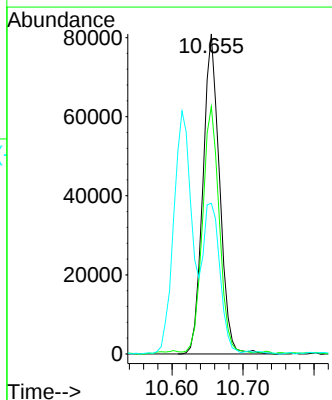
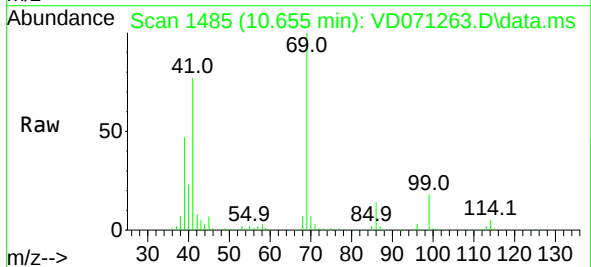
Reviewed By :Semsettin
Yesilyurt
12/12/2021

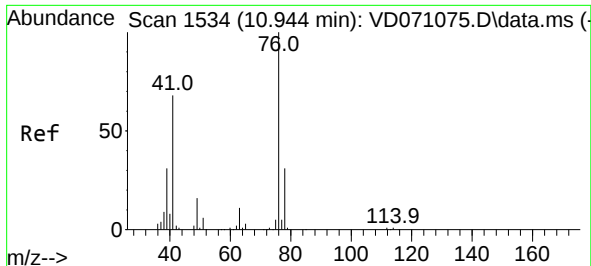
Supervised By :Amit
Patel
12/13/2021



#56
Ethyl methacrylate
Concen: 49.408 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Tgt Ion: 69 Resp: 131722
Ion Ratio Lower Upper
69 100
41 77.0 50.2 75.2#
39 45.9 19.8 29.8#





#57

1,3-Dichloropropane

Concen: 56.919 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 185472

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Semsettin

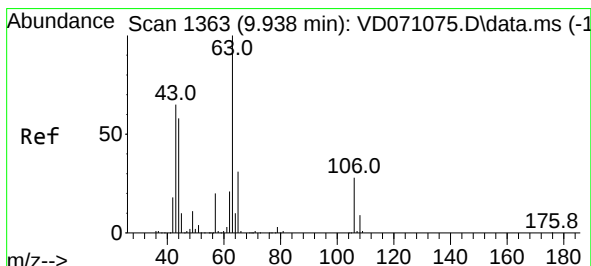
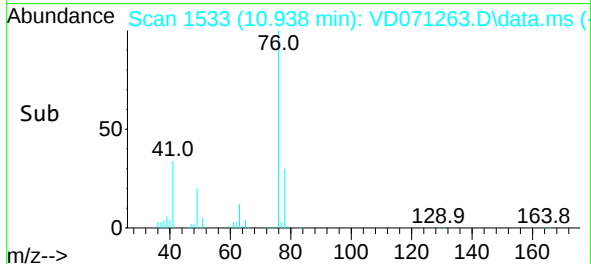
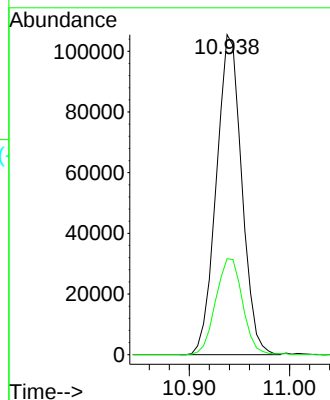
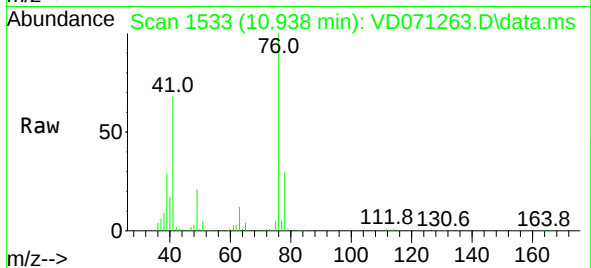
Yesilyurt

12/12/2021

Supervised By :Amit

Patel

12/13/2021



#58

2-Chloroethyl Vinyl ether

Concen: 268.793 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071263.D

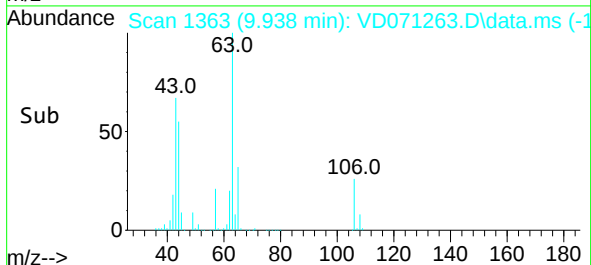
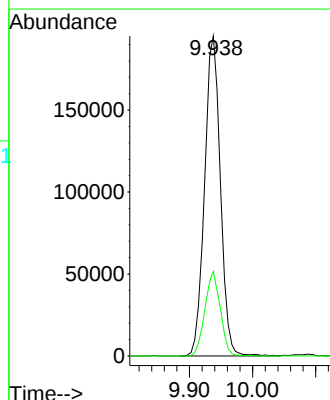
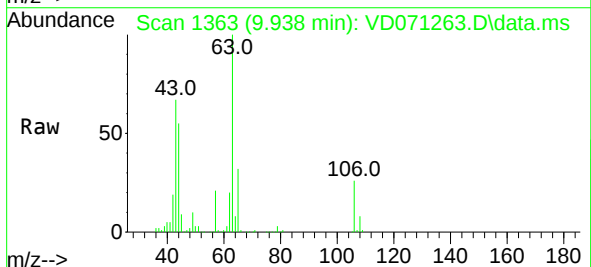
Acq: 11 Dec 2021 11:20

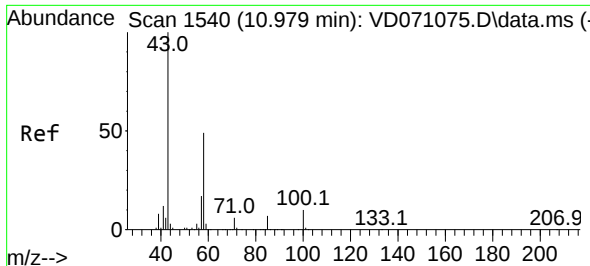
Tgt Ion: 63 Resp: 339275

Ion Ratio Lower Upper

63 100

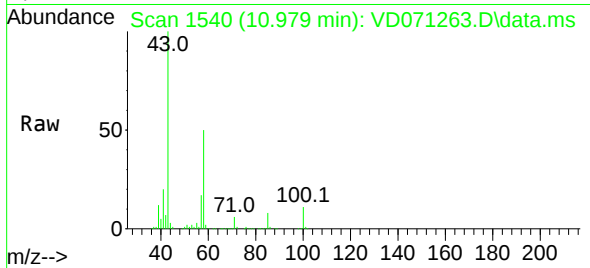
106 25.7 21.0 31.4





#59
2-Hexanone
Concen: 252.933 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

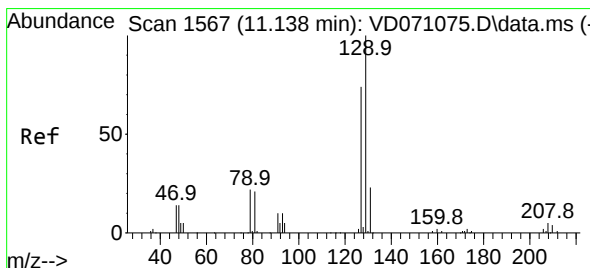
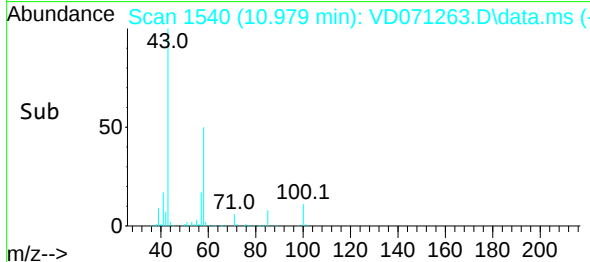
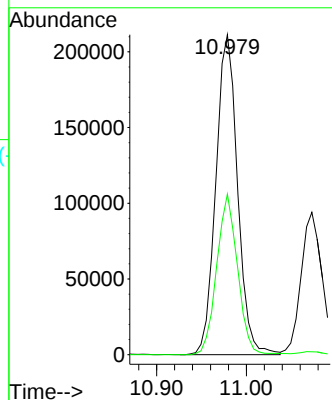


Tgt Ion: 43 Resp: 354836
Ion Ratio Lower Upper
43 100
58 48.2 28.7 86.1

Manual Integrations
APPROVED

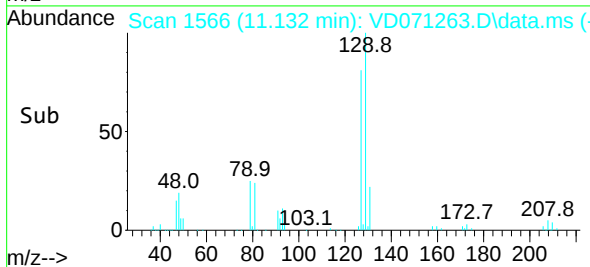
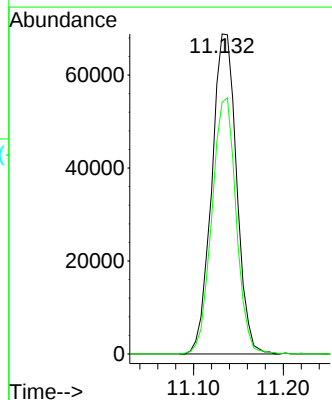
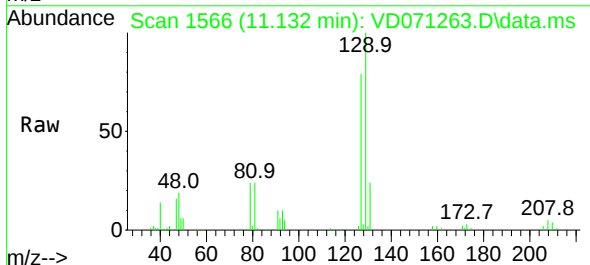
Reviewed By :Semsettin
Yesilyurt
12/12/2021

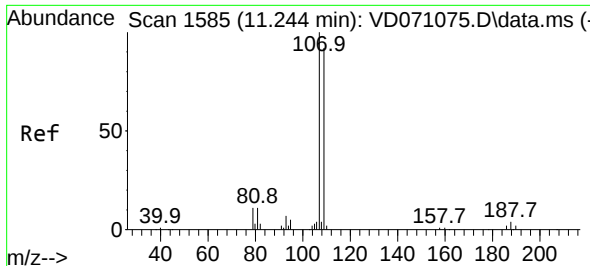
Supervised By :Amit
Patel
12/13/2021



#60
Dibromochloromethane
Concen: 57.427 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Tgt Ion:129 Resp: 132388
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6





#61
1,2-Dibromoethane
Concen: 55.832 ug/l
RT: 11.238 min Scan# 1119
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

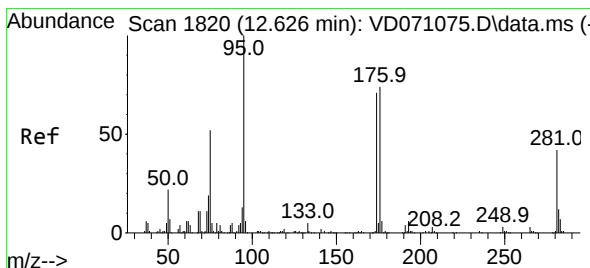
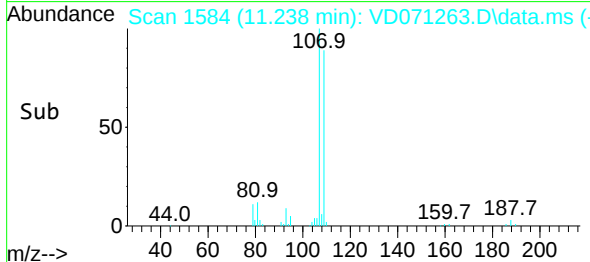
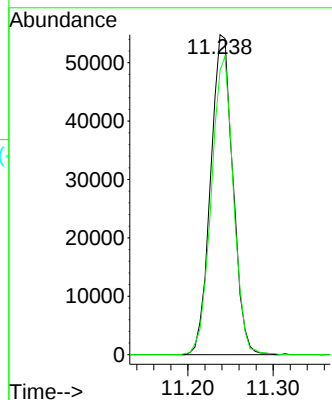
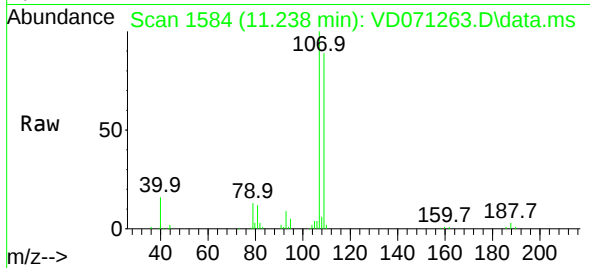
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 9946
Ion Ratio Lower Upper
107 100
109 92.6 74.6 112.0

Manual Integrations
APPROVED

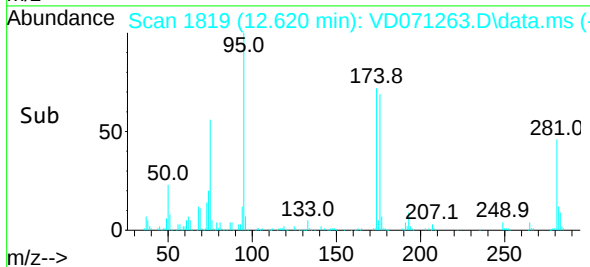
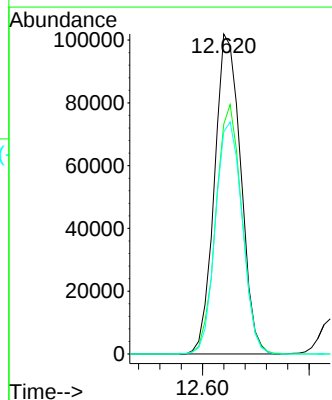
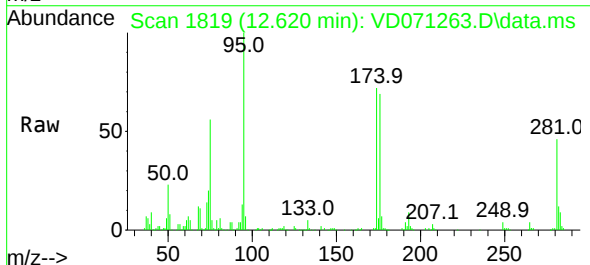
Reviewed By :Semsettin
Yesilyurt
12/12/2021

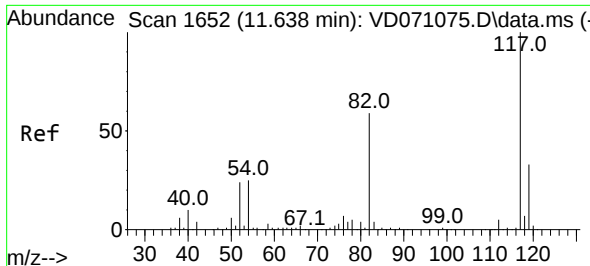
Supervised By :Amit
Patel
12/13/2021



#62
4-Bromofluorobenzene
Concen: 50.834 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

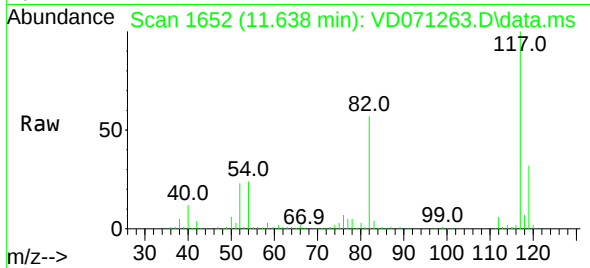
Tgt Ion: 95 Resp: 174306
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.4
176 73.8 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

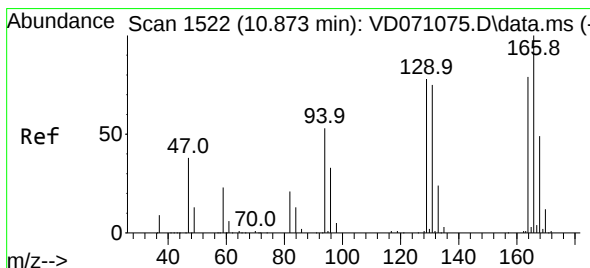
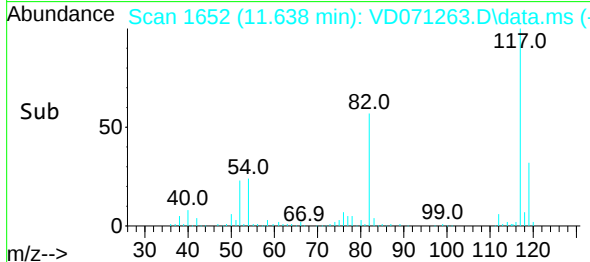
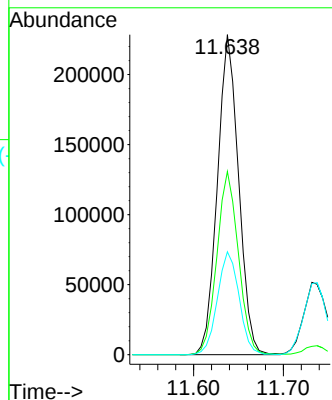


Tgt Ion:117 Resp: 374874
Ion Ratio Lower Upper
117 100
82 57.3 44.7 67.1
119 32.1 26.2 39.4

Manual Integrations
APPROVED

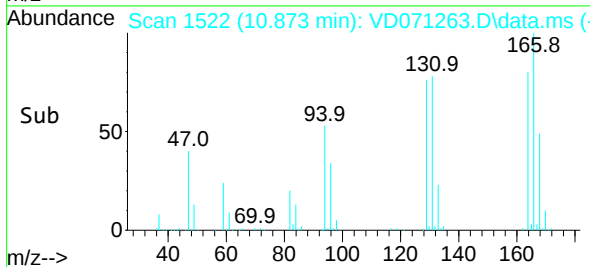
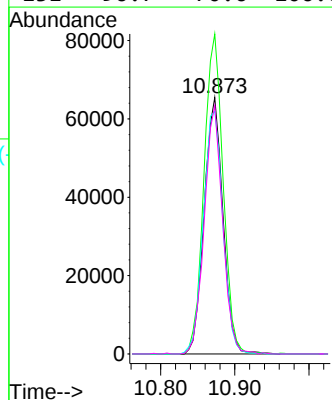
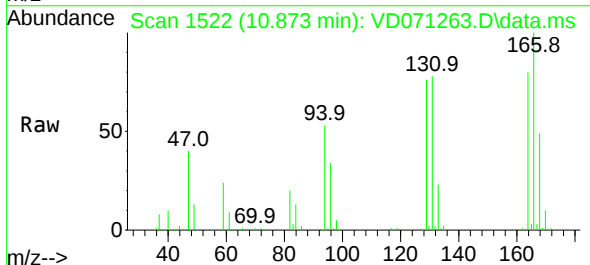
Reviewed By :Semsettin
Yesilyurt
12/12/2021

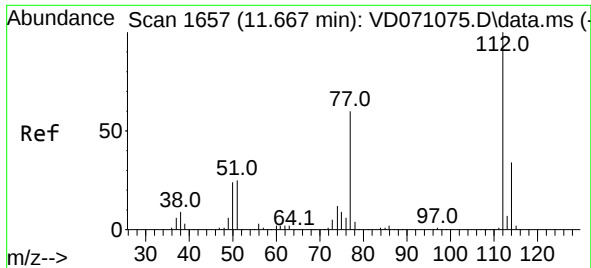
Supervised By :Amit
Patel
12/13/2021



#64
Tetrachloroethene
Concen: 48.779 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

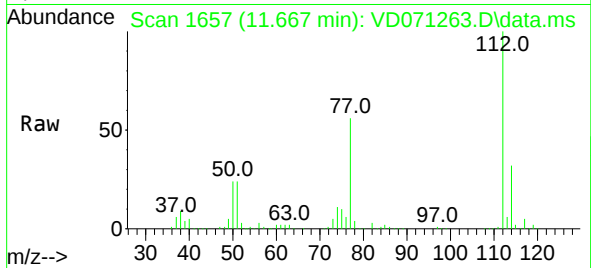
Tgt Ion:164 Resp: 116088
Ion Ratio Lower Upper
164 100
166 124.8 102.6 153.8
129 94.6 75.4 113.0
131 96.7 70.6 106.0





#65
Chlorobenzene
Concen: 52.596 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

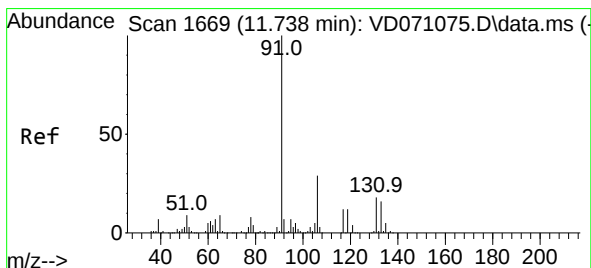
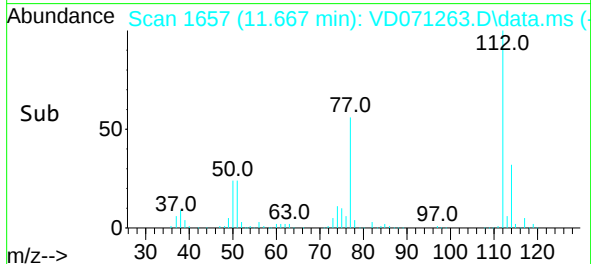
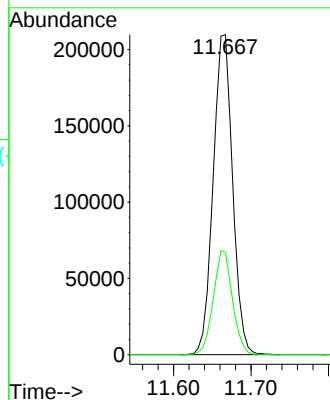


Tgt Ion:112 Resp: 365835
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0

Manual Integrations
APPROVED

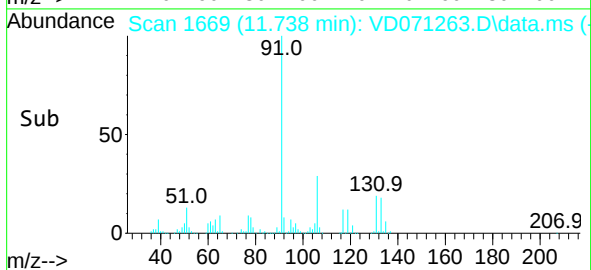
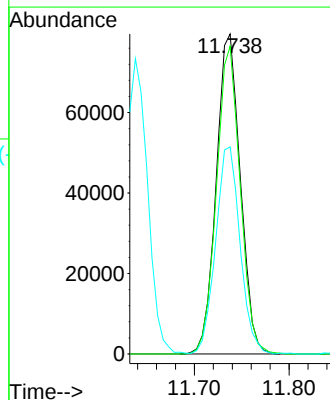
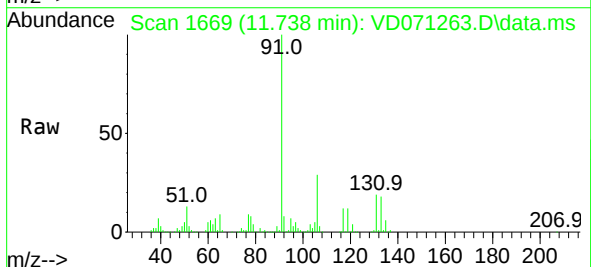
Reviewed By :Semsettin
Yesilyurt
12/12/2021

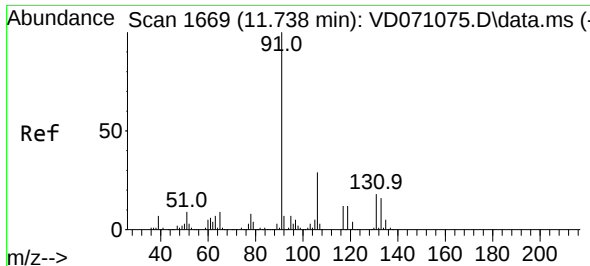
Supervised By :Amit
Patel
12/13/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 55.360 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

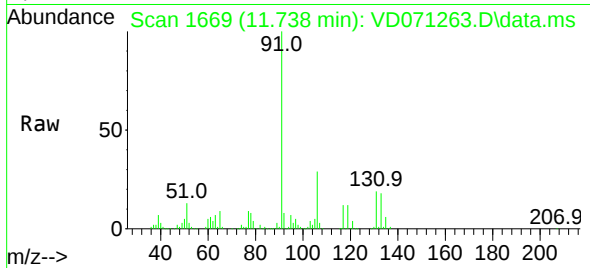
Tgt Ion:131 Resp: 140593
Ion Ratio Lower Upper
131 100
133 94.6 48.0 144.0
119 65.7 33.5 100.4





#67
Ethyl Benzene
Concen: 52.739 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

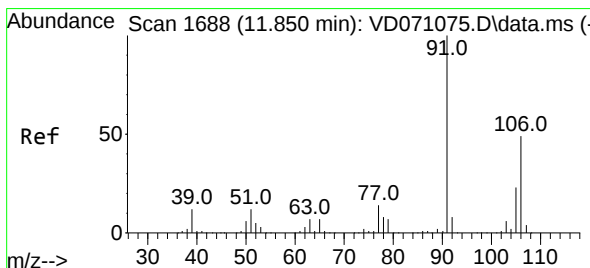
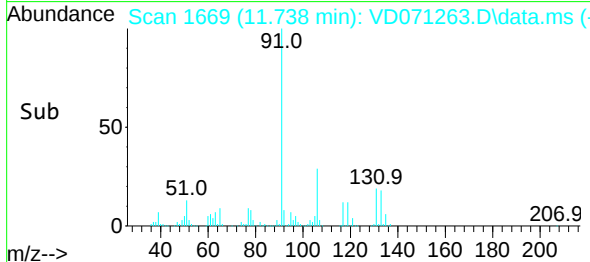
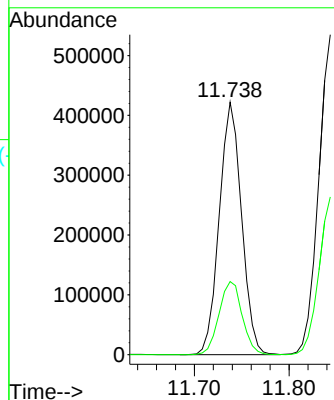


Tgt Ion: 91 Resp: 690550
Ion Ratio Lower Upper
91 100
106 29.0 24.6 36.8

Manual Integrations
APPROVED

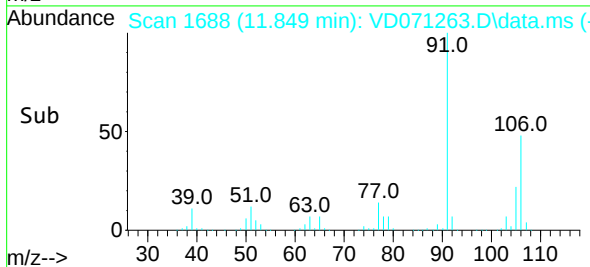
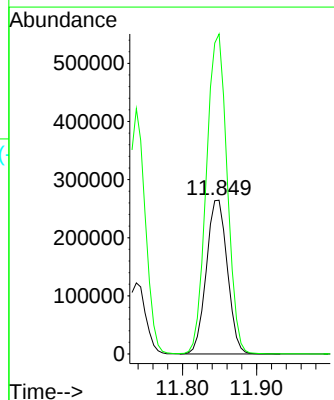
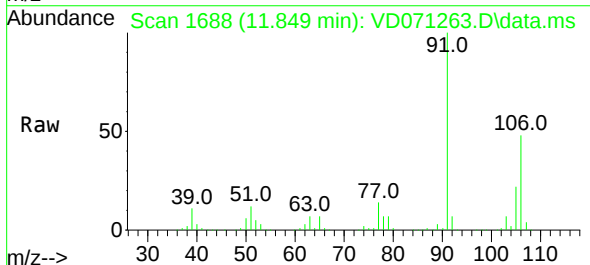
Reviewed By :Semsettin
Yesilyurt
12/12/2021

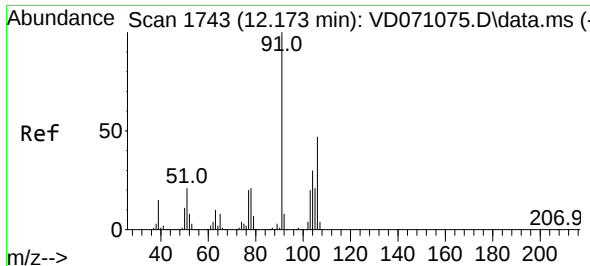
Supervised By :Amit
Patel
12/13/2021



#68
m/p-Xylenes
Concen: 105.713 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.001 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

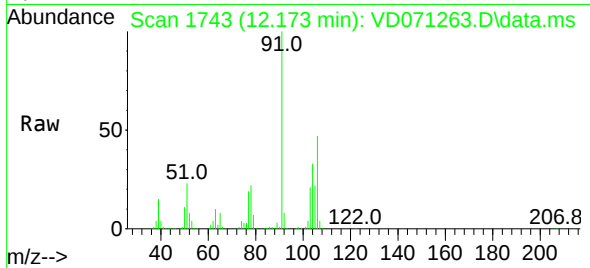
Tgt Ion:106 Resp: 522583
Ion Ratio Lower Upper
106 100
91 205.5 160.1 240.1





#69
o-Xylene
Concen: 53.048 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

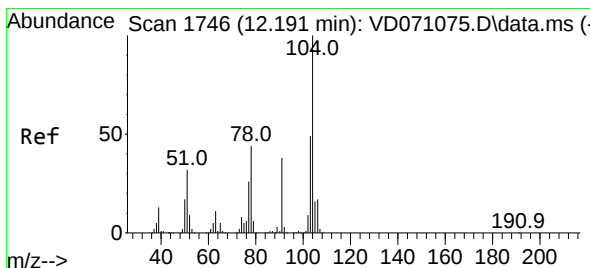
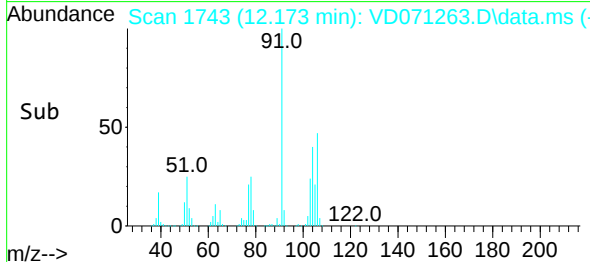
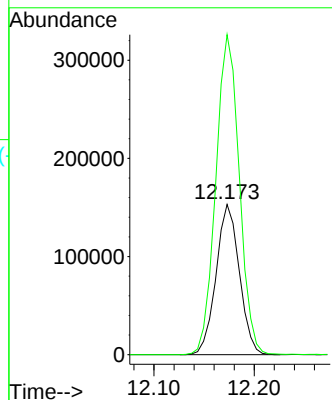


Tgt Ion:106 Resp: 246469
Ion Ratio Lower Upper
106 100
91 215.3 106.3 319.0

Manual Integrations
APPROVED

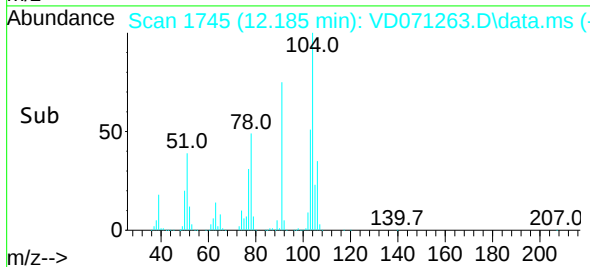
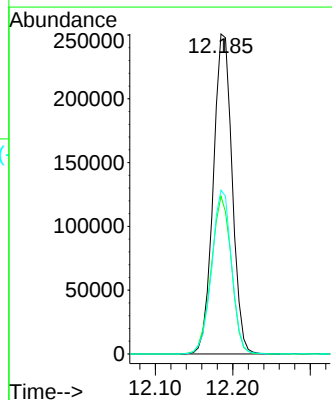
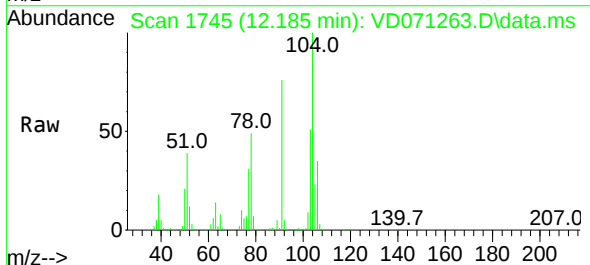
Reviewed By :Semsettin
Yesilyurt
12/12/2021

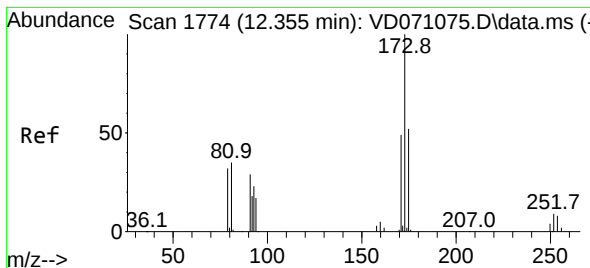
Supervised By :Amit
Patel
12/13/2021



#70
Styrene
Concen: 54.301 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Tgt Ion:104 Resp: 425203
Ion Ratio Lower Upper
104 100
78 52.4 39.4 59.0
103 53.7 43.4 65.0





#71

Bromoform

Concen: 57.278 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 75360

Ion Ratio Lower Upper

173 100

175 49.5 24.1 72.2

254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Semsettin

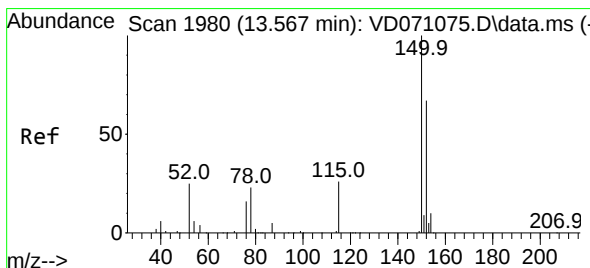
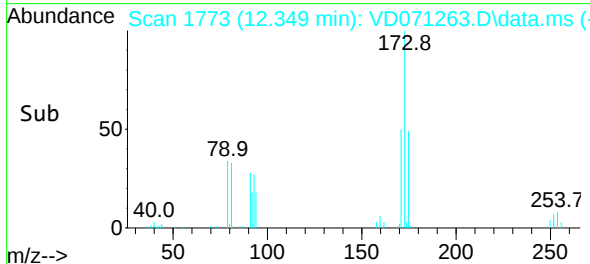
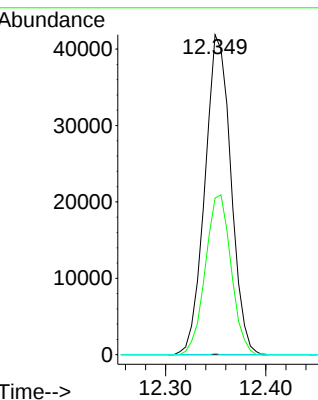
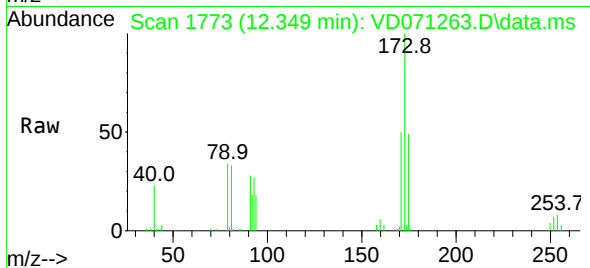
Yesilyurt

12/12/2021

Supervised By :Amit

Patel

12/13/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. -0.000 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

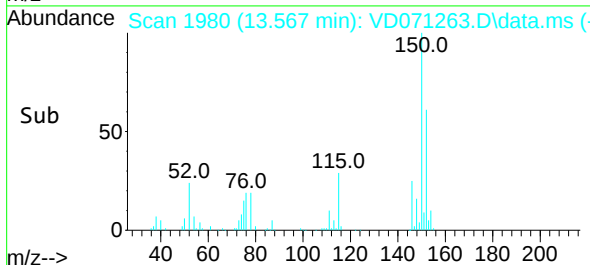
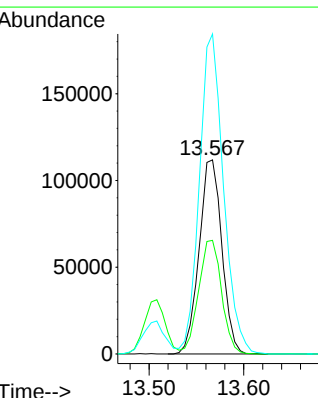
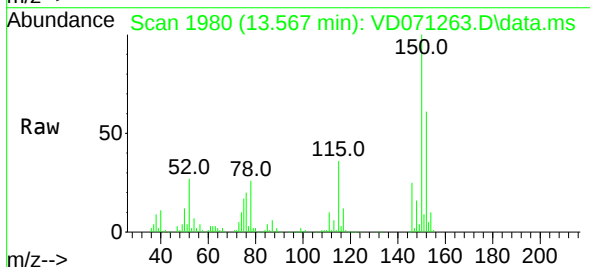
Tgt Ion:152 Resp: 186833

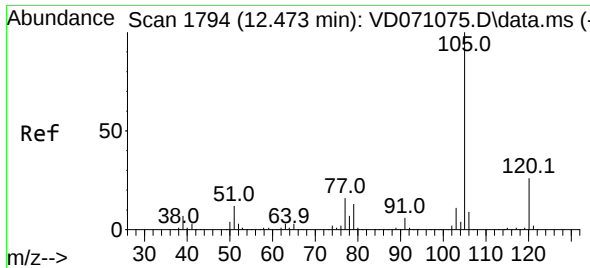
Ion Ratio Lower Upper

152 100

115 59.2 29.8 89.3

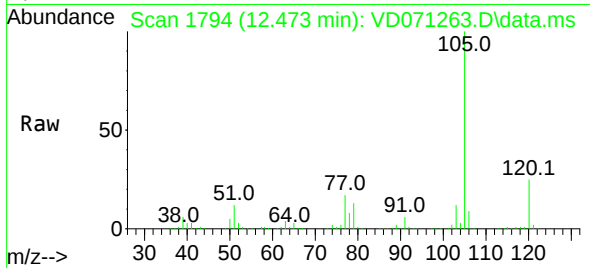
150 174.2 0.0 349.2





#73
Isopropylbenzene
Concen: 49.238 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

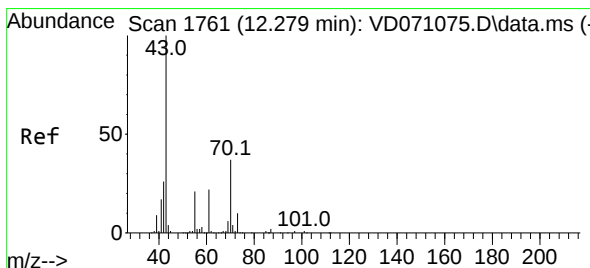
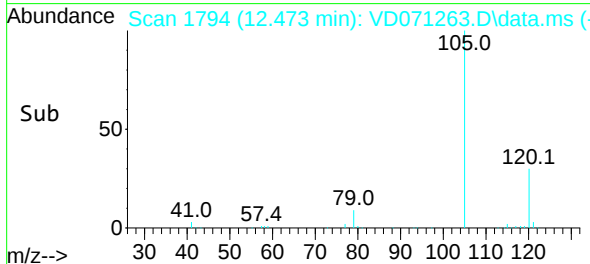
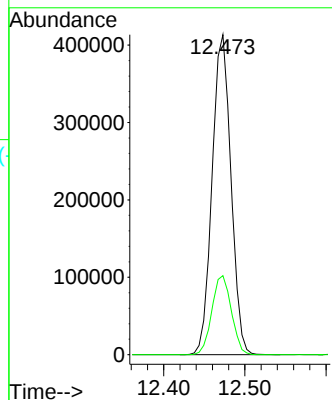


Tgt Ion:105 Resp: 666100
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5

Manual Integrations
APPROVED

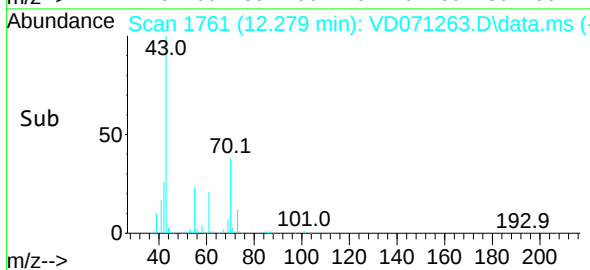
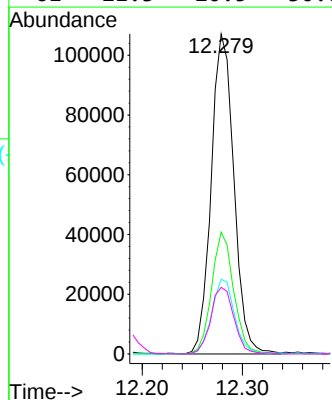
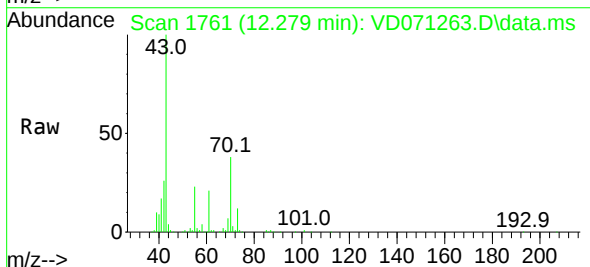
Reviewed By :Semsettin
Yesilyurt
12/12/2021

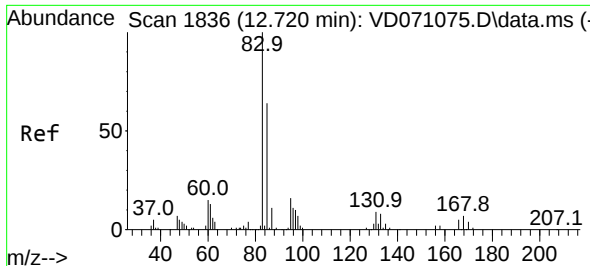
Supervised By :Amit
Patel
12/13/2021



#74
N-ethyl acetate
Concen: 46.087 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

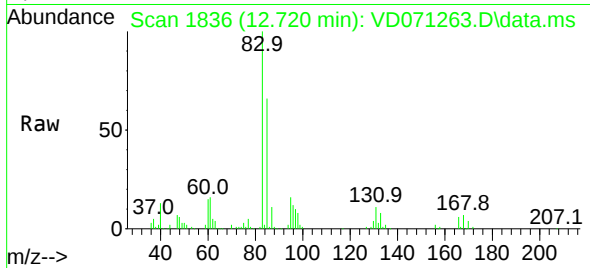
Tgt Ion: 43 Resp: 168833
Ion Ratio Lower Upper
43 100
70 37.0 36.6 55.0
55 23.5 22.5 33.7
61 21.3 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 53.978 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

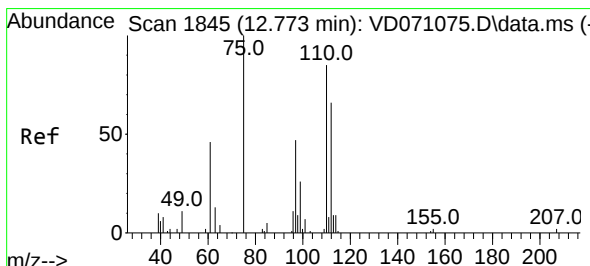
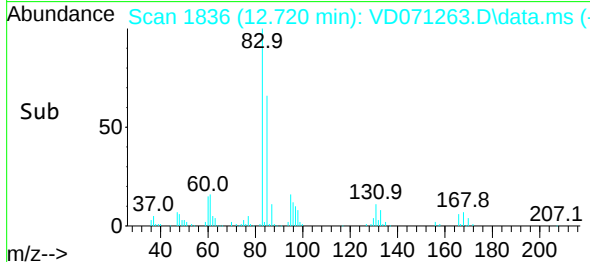
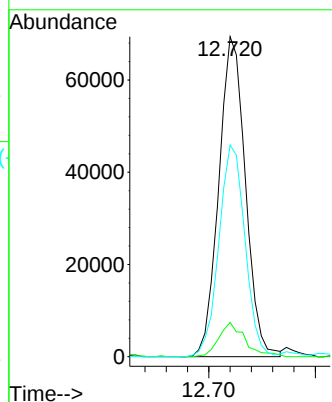


Tgt Ion: 83 Resp: 120254
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.7
85 64.8 32.0 96.2

Manual Integrations
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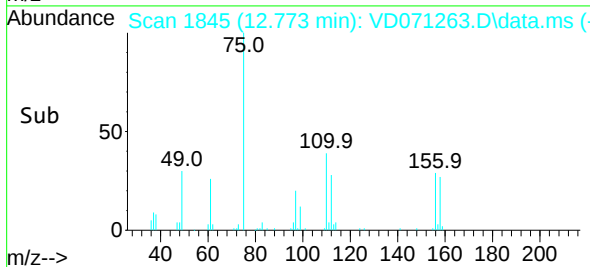
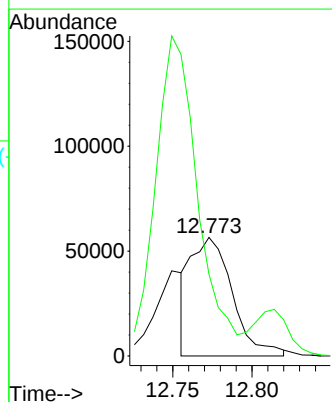
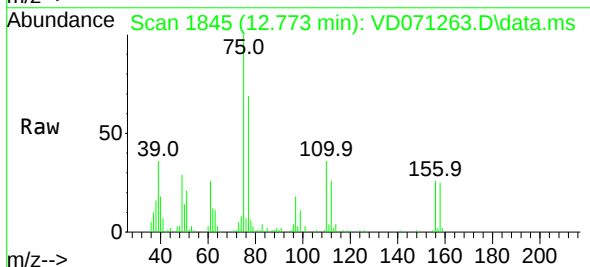
Reviewed By :Semsettin
Yesilyurt
12/12/2021

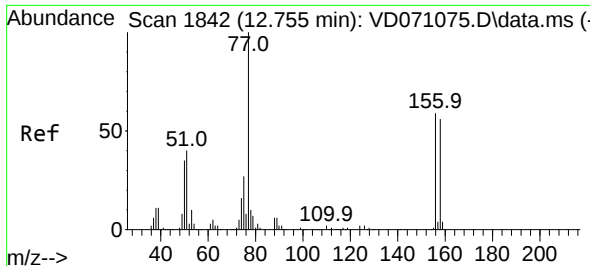
Supervised By :Amit
Patel
12/13/2021



#76
1,2,3-Trichloropropane
Concen: 58.049 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

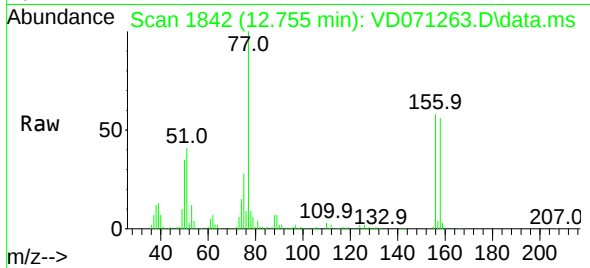
Tgt Ion: 75 Resp: 103331
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 49.185 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

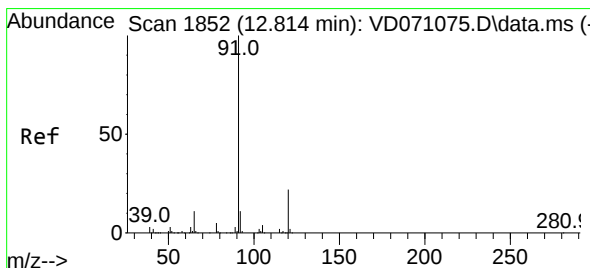
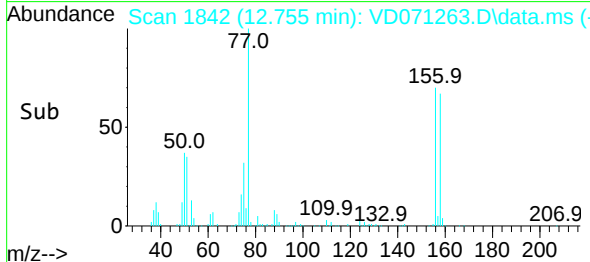
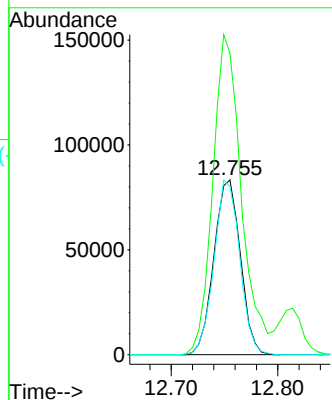


Tgt Ion:156 Resp: 14412
Ion Ratio Lower Upper
156 100
77 196.3 96.6 289.8
158 96.8 49.1 147.4

Manual Integrations
APPROVED

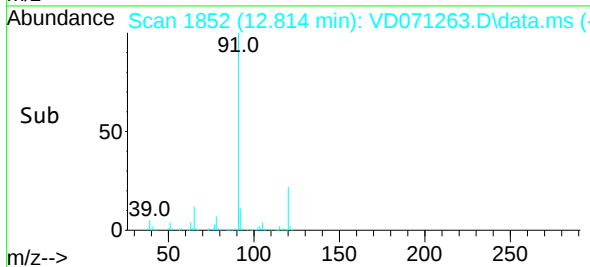
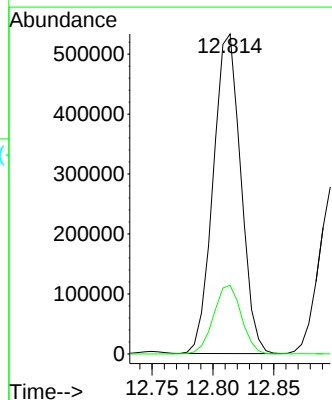
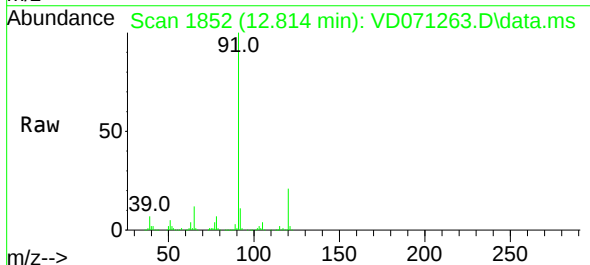
Reviewed By :Semsettin
Yesilyurt
12/12/2021

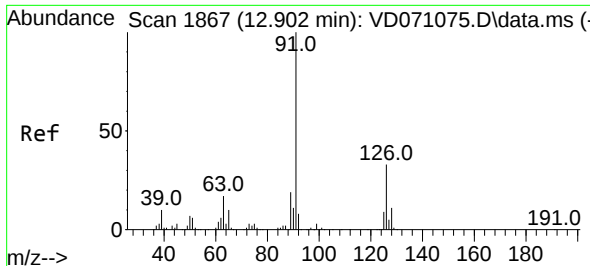
Supervised By :Amit
Patel
12/13/2021



#78
n-propylbenzene
Concen: 49.856 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Tgt Ion: 91 Resp: 839932
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9





#79
2-Chlorotoluene
Concen: 48.611 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

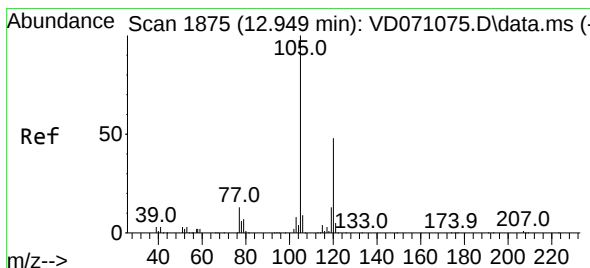
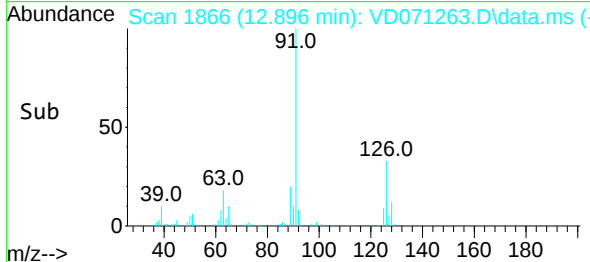
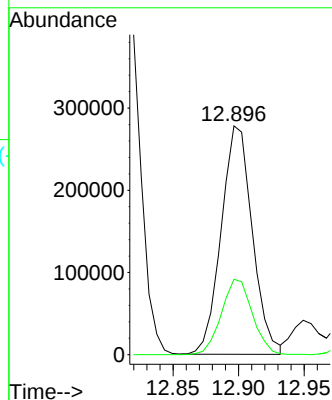
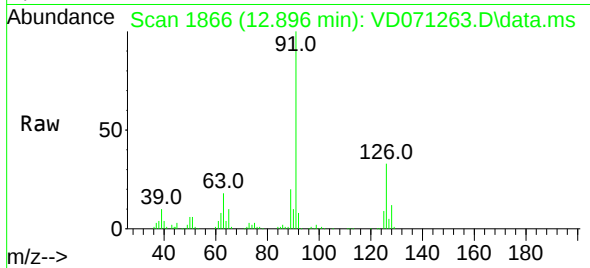
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 45964
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.7

Manual Integrations
APPROVED

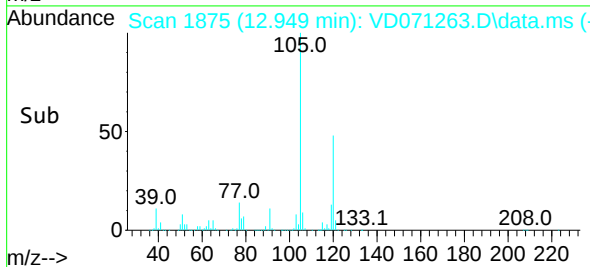
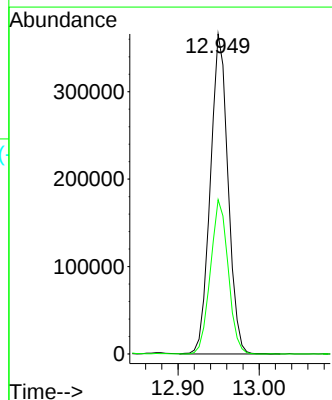
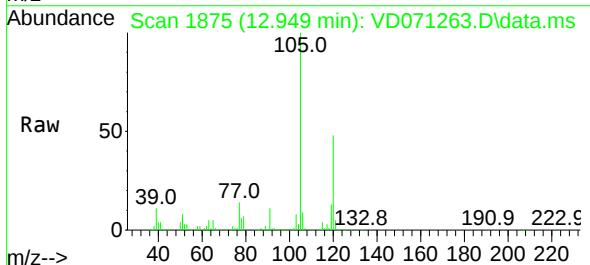
Reviewed By :Semsettin
Yesilyurt
12/12/2021

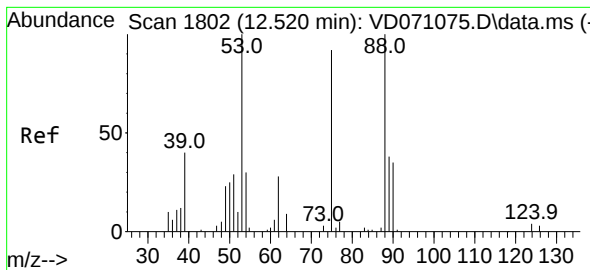
Supervised By :Amit
Patel
12/13/2021



#80
1,3,5-Trimethylbenzene
Concen: 49.542 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

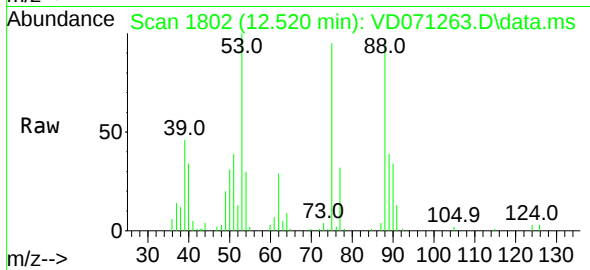
Tgt Ion:105 Resp: 552669
Ion Ratio Lower Upper
105 100
120 48.3 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 45.701 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

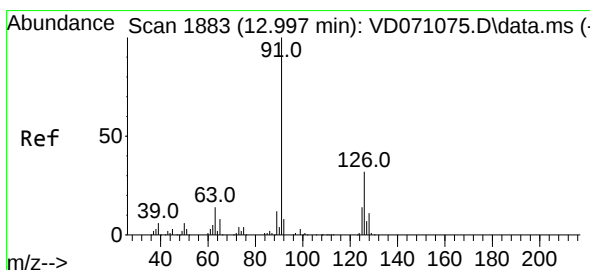
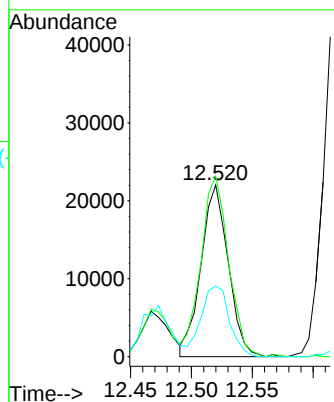


Tgt Ion: 75 Resp: 34354
Ion Ratio Lower Upper
75 100
53 106.9 62.6 94.0
89 42.4 34.5 51.7

Manual Integrations
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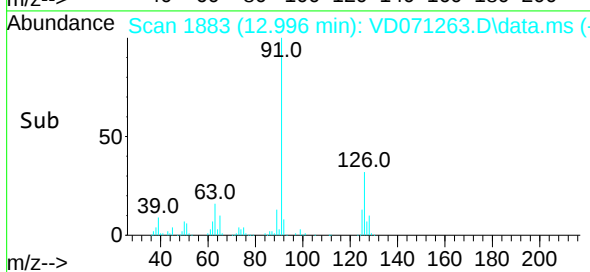
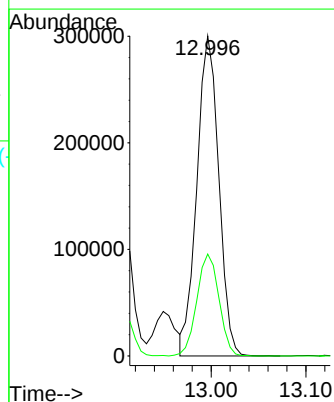
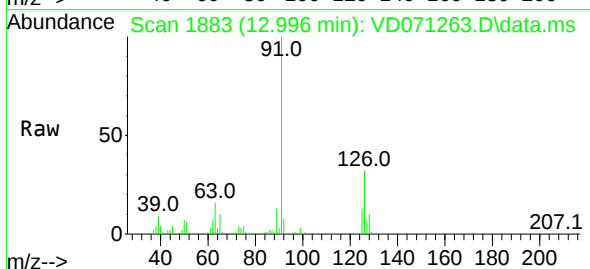
Reviewed By :Semsettin
Yesilyurt
12/12/2021

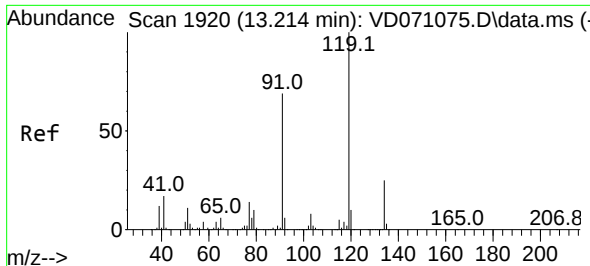
Supervised By :Amit
Patel
12/13/2021



#82
4-Chlorotoluene
Concen: 48.995 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.001 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

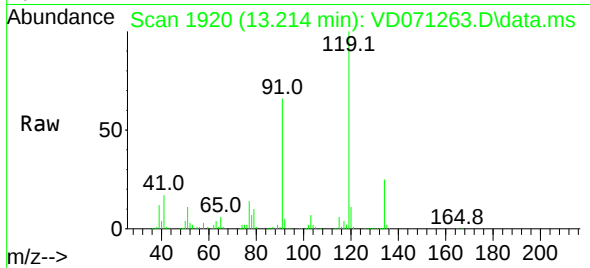
Tgt Ion: 91 Resp: 480963
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.1





#83
tert-Butylbenzene
Concen: 49.838 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

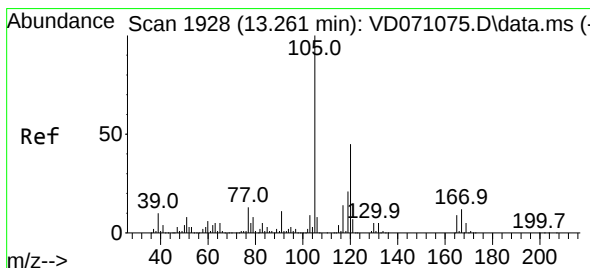
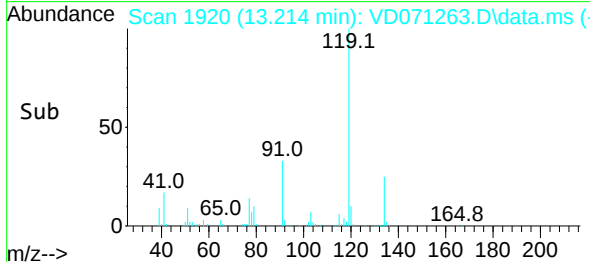
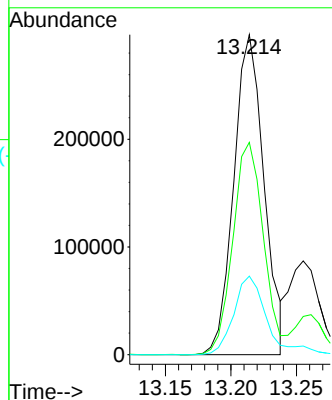


Tgt Ion:119 Resp: 477470
Ion Ratio Lower Upper
119 100
91 67.9 32.5 97.5
134 26.9 13.2 39.6

Manual Integrations
APPROVED

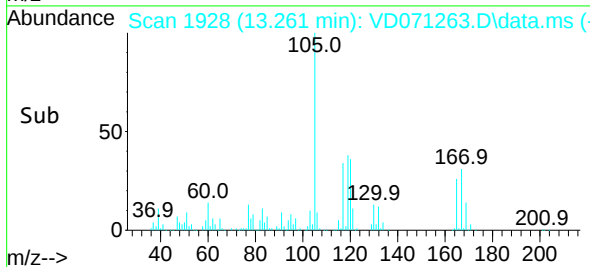
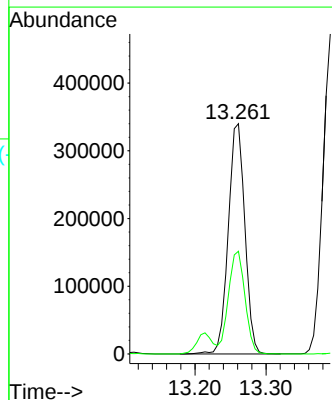
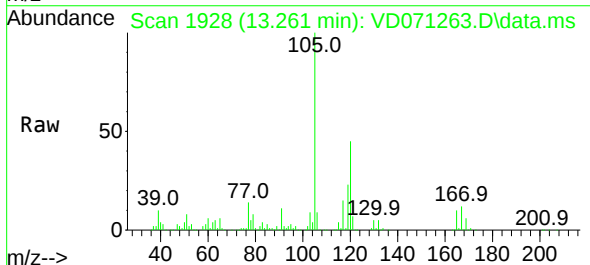
Reviewed By :Semsettin
Yesilyurt
12/12/2021

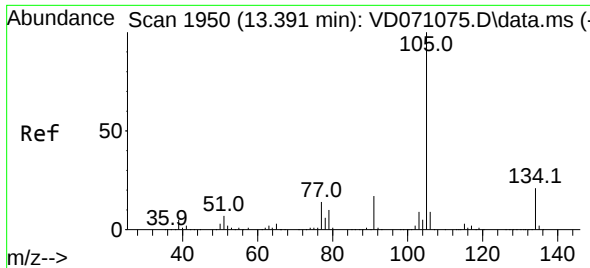
Supervised By :Amit
Patel
12/13/2021



#84
1,2,4-Trimethylbenzene
Concen: 50.596 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

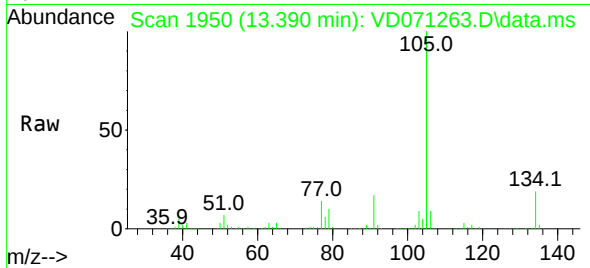
Tgt Ion:105 Resp: 551053
Ion Ratio Lower Upper
105 100
120 44.5 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 50.086 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD071263.D
 Acq: 11 Dec 2021 11:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

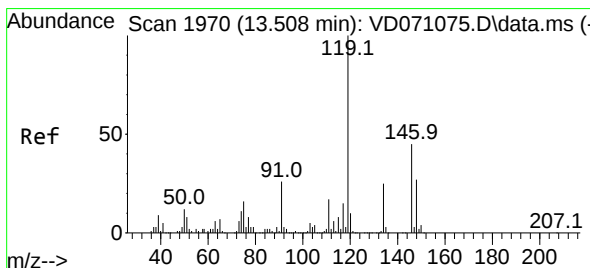
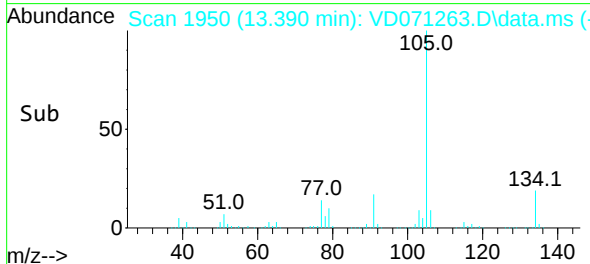
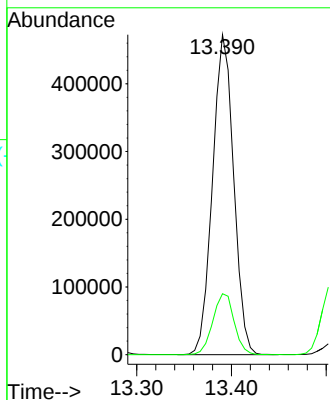


Tgt Ion:105 Resp: 73290
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9

Manual Integrations
 APPROVED

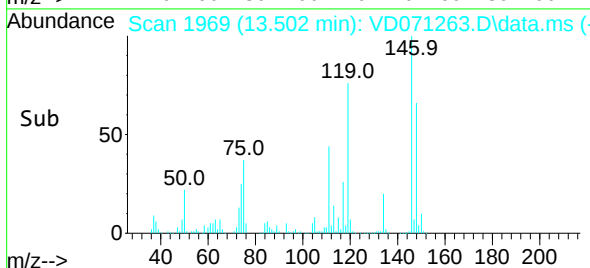
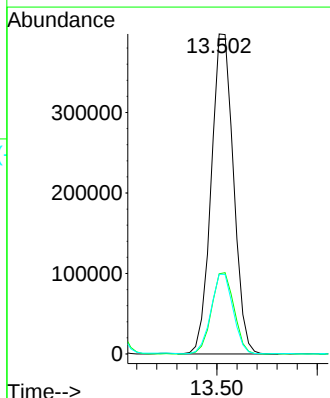
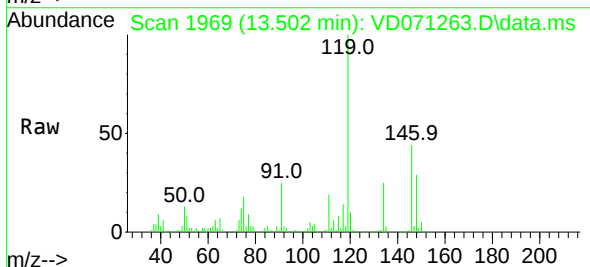
Reviewed By :Semsettin
 Yesilyurt
 12/12/2021

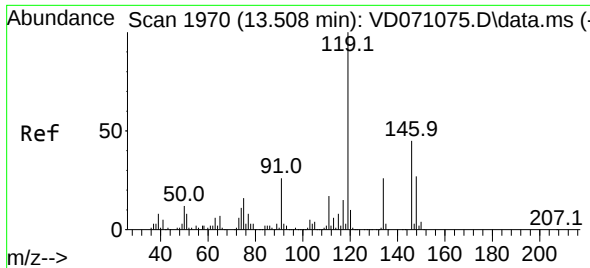
Supervised By :Amit
 Patel
 12/13/2021



#86
 p-Isopropyltoluene
 Concen: 51.203 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD071263.D
 Acq: 11 Dec 2021 11:20

Tgt Ion:119 Resp: 612803
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 38.9
 91 24.7 11.4 34.2





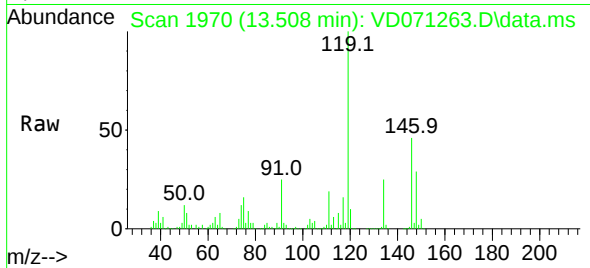
#87
1,3-Dichlorobenzene
Concen: 51.444 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 300075
Ion Ratio Lower Upper
146 100
111 41.8 19.8 59.4
148 64.2 32.1 96.3

Manual Integrations

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Reviewed By :Semsettin

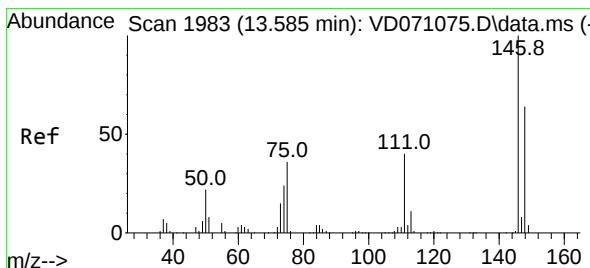
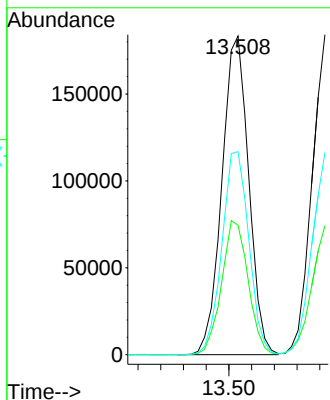
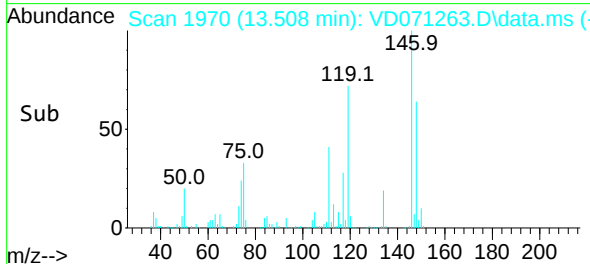
Yesilyurt

12/12/2021

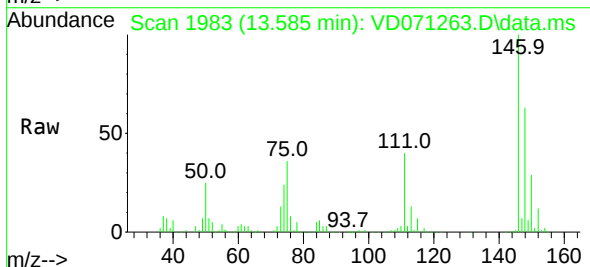
Supervised By :Amit

Patel

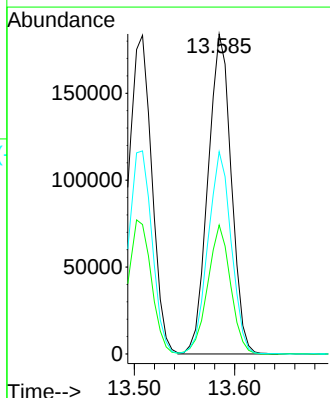
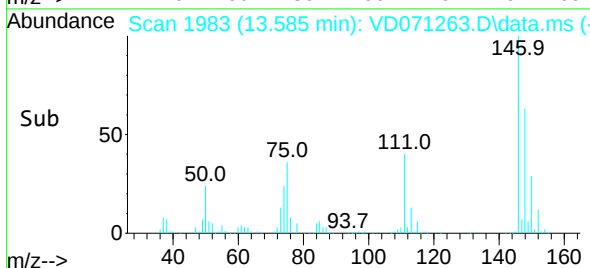
12/13/2021

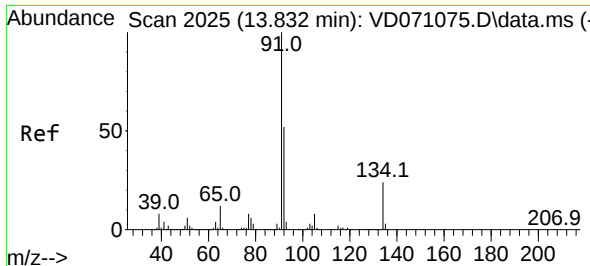


#88
1,4-Dichlorobenzene
Concen: 51.433 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20



Tgt Ion:146 Resp: 297230
Ion Ratio Lower Upper
146 100
111 39.6 19.6 58.8
148 63.3 31.5 94.5





#89
n-Butylbenzene
Concen: 50.216 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 586672
Ion Ratio Lower Upper
91 100
92 53.0 27.3 81.9
134 24.2 12.3 36.9

Manual Integrations
APPROVED

Reviewed By :Semsettin

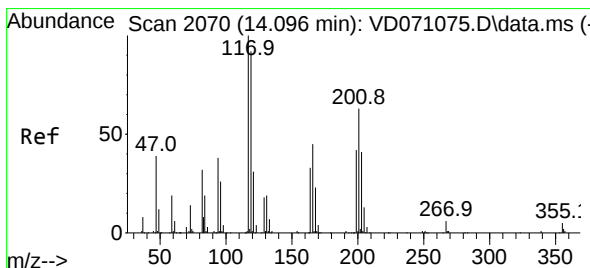
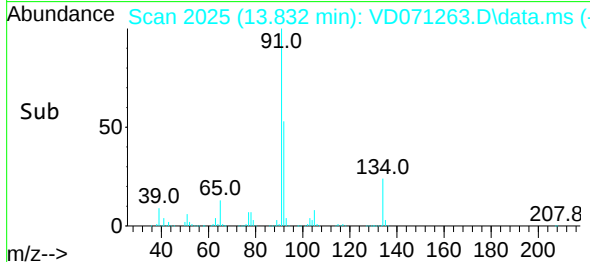
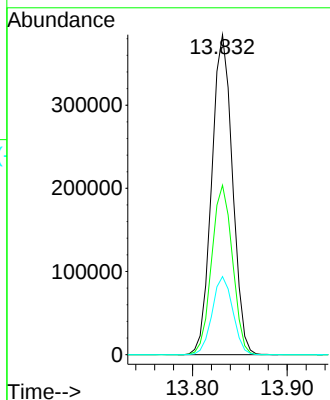
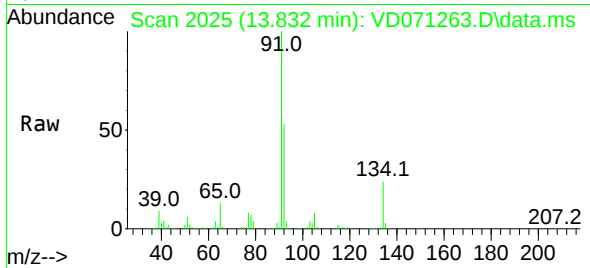
Yesilyurt

12/12/2021

Supervised By :Amit

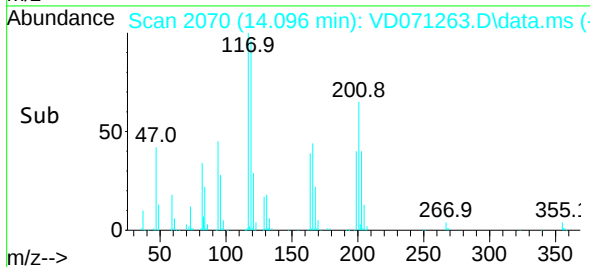
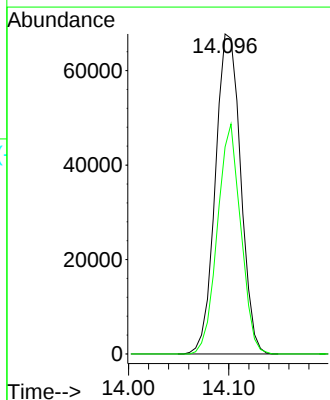
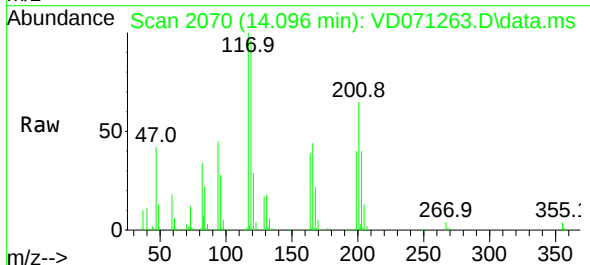
Patel

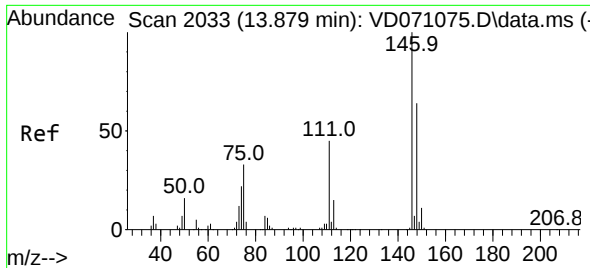
12/13/2021



#90
Hexachloroethane
Concen: 52.304 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

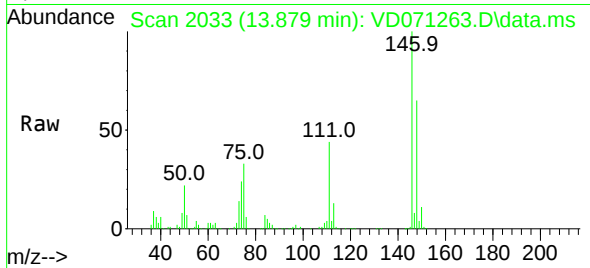
Tgt Ion:117 Resp: 118663
Ion Ratio Lower Upper
117 100
201 66.4 36.0 108.1





#91
1,2-Dichlorobenzene
Concen: 51.707 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

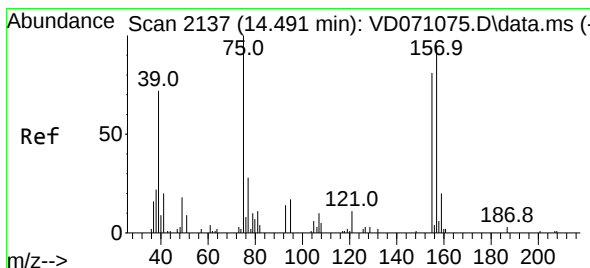
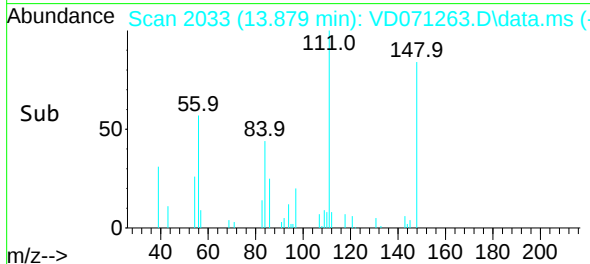
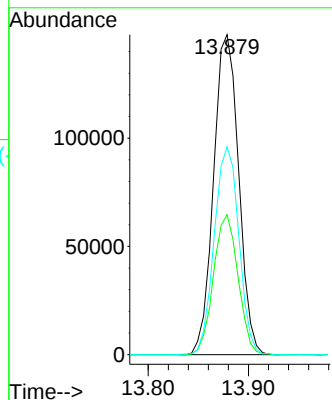


Tgt Ion:146 Resp: 25648
Ion Ratio Lower Upper
146 100
111 42.9 20.8 62.2
148 64.0 31.7 95.1

Manual Integrations
APPROVED

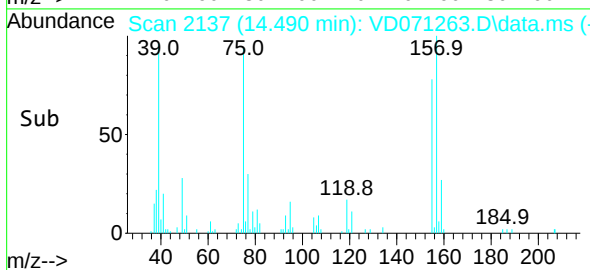
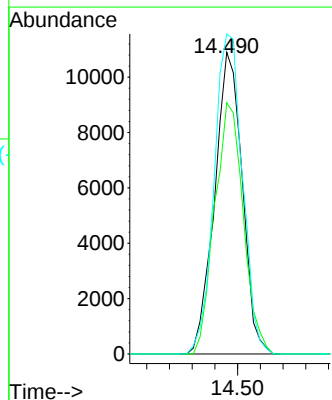
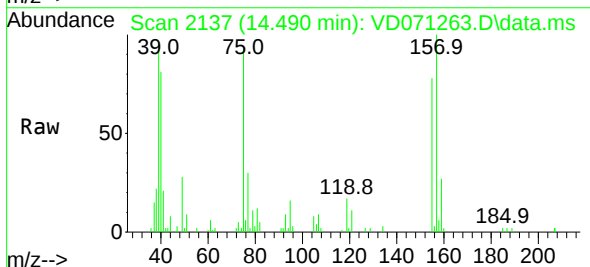
Reviewed By :Semsettin
Yesilyurt
12/12/2021

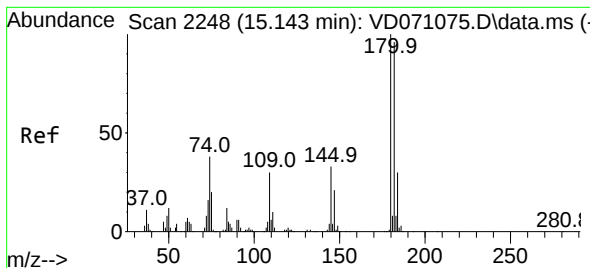
Supervised By :Amit
Patel
12/13/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.672 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Tgt Ion: 75 Resp: 18384
Ion Ratio Lower Upper
75 100
155 86.4 40.0 120.0
157 108.6 49.8 149.3





#93

1,2,4-Trichlorobenzene

Concen: 50.648 ug/l

RT: 15.149 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD071263.D

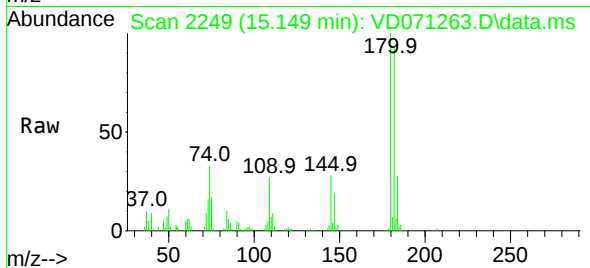
Acq: 11 Dec 2021 11:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 15671

Ion Ratio Lower Upper

180 100

182 95.4 48.2 144.6

145 31.8 15.4 46.2

Manual Integrations

APPROVED

Reviewed By :Semsettin

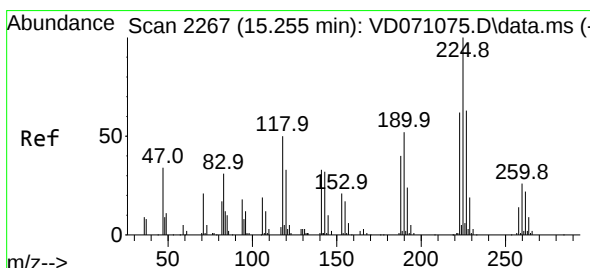
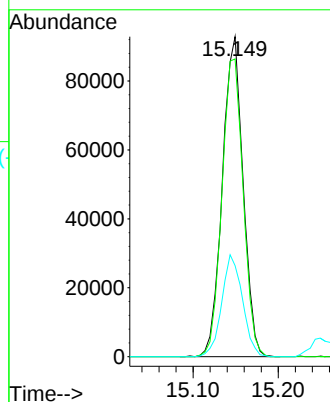
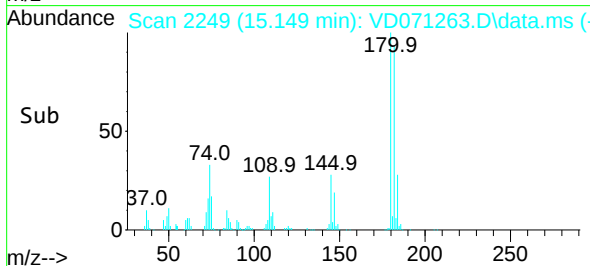
Yesilyurt

12/12/2021

Supervised By :Amit

Patel

12/13/2021



#94

Hexachlorobutadiene

Concen: 48.405 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.006 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

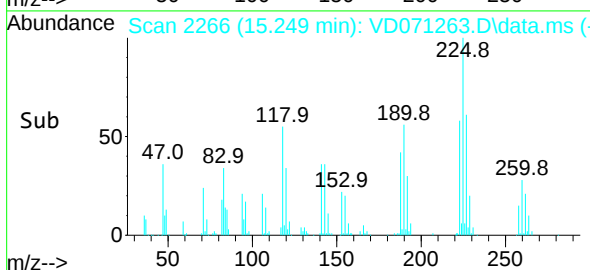
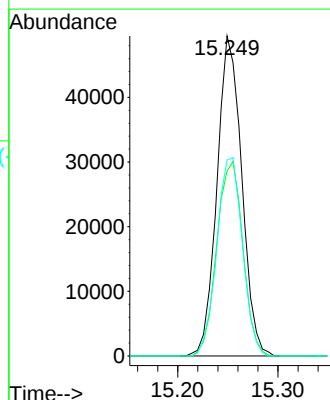
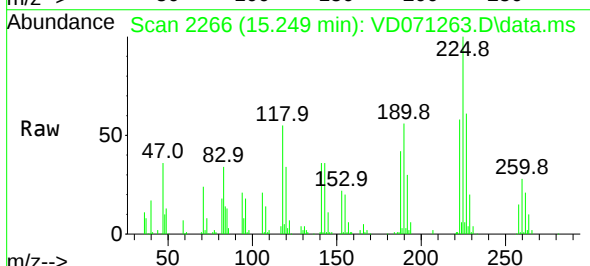
Tgt Ion:225 Resp: 84742

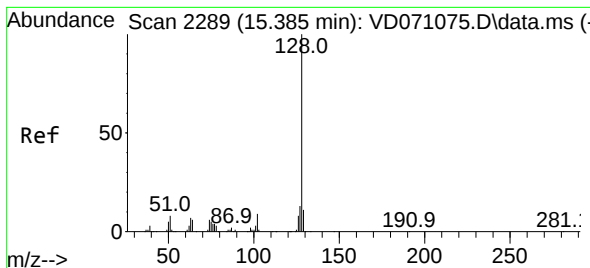
Ion Ratio Lower Upper

225 100

223 64.2 31.8 95.3

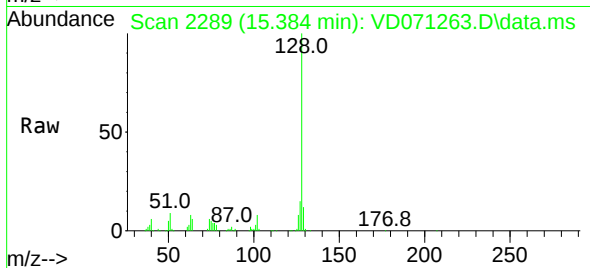
227 64.4 31.6 94.8





#95
Naphthalene
Concen: 53.105 ug/l
RT: 15.384 min Scan# 211
Delta R.T. -0.001 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

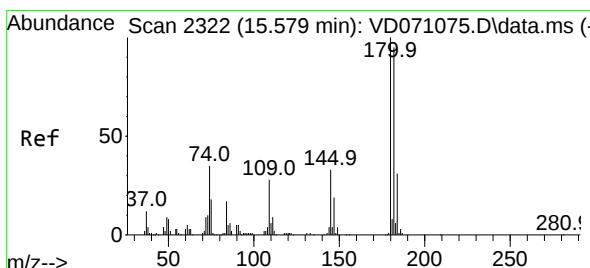
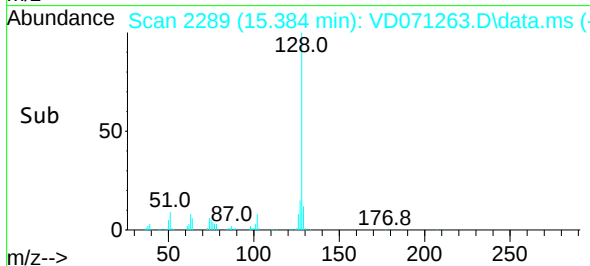
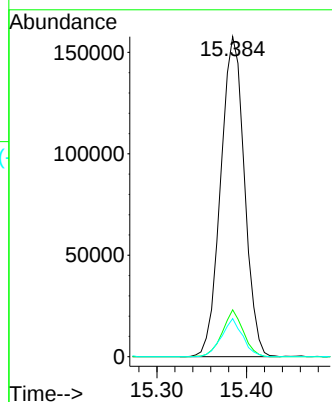


Tgt Ion:128 Resp: 28966
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt
12/12/2021

Supervised By :Amit
Patel
12/13/2021



#96
1,2,3-Trichlorobenzene
Concen: 51.759 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071263.D
Acq: 11 Dec 2021 11:20

Tgt Ion:180 Resp: 136022
Ion Ratio Lower Upper
180 100
182 94.2 46.7 140.1
145 33.7 15.9 47.6

