

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
 Data File : VD071405.D
 Acq On : 21 Dec 2021 11:31
 Operator : VA/SY
 Sample : VD1221SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBS01

Quant Time: Dec 21 19:04:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	286418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	477245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	438511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	216418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	185484	55.191	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.380%			
35) Dibromofluoromethane	7.914	113	171449	56.415	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.840%			
50) Toluene-d8	10.338	98	578045	49.982	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.960%			
62) 4-Bromofluorobenzene	12.626	95	218052	54.392	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	49107	20.105	ug/l	94
3) Chloromethane	2.215	50	61771	19.116	ug/l	98
4) Vinyl Chloride	2.350	62	73481	20.383	ug/l	95
5) Bromomethane	2.762	94	55766	21.458	ug/l	91
6) Chloroethane	2.926	64	51665	20.837	ug/l	93
7) Trichlorofluoromethane	3.273	101	104618	21.422	ug/l	97
8) Diethyl Ether	3.709	74	28045	21.183	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	60745	21.083	ug/l	96
10) Methyl Iodide	4.309	142	47842	17.541	ug/l	93
11) Tert butyl alcohol	5.226	59	31231	99.415	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	51697	19.443	ug/l	91
13) Acrolein	3.932	56	15910	69.275	ug/l	96
14) Allyl chloride	4.715	41	98165	19.437	ug/l #	80
15) Acrylonitrile	5.426	53	75493	117.247	ug/l	96
16) Acetone	4.156	43	74109	103.610	ug/l	97
17) Carbon Disulfide	4.415	76	133716	17.176	ug/l	98
18) Methyl Acetate	4.720	43	71325	28.764	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	140806	21.608	ug/l	92
20) Methylene Chloride	4.967	84	81304	21.602	ug/l	86
21) trans-1,2-Dichloroethene	5.473	96	60149	20.096	ug/l	94
22) Diisopropyl ether	6.367	45	212415	20.992	ug/l	91
23) Vinyl Acetate	6.303	43	446790	99.979	ug/l	95
24) 1,1-Dichloroethane	6.267	63	121913	20.947	ug/l	96
25) 2-Butanone	7.214	43	100005	114.379	ug/l	92
26) 2,2-Dichloropropane	7.208	77	101570	19.192	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	71247	21.041	ug/l	94
28) Bromochloromethane	7.550	49	61274	24.239	ug/l	90
29) Tetrahydrofuran	7.567	42	61769	115.746	ug/l	95
30) Chloroform	7.708	83	123668	21.172	ug/l	97
31) Cyclohexane	7.985	56	109743	19.197	ug/l #	87
32) 1,1,1-Trichloroethane	7.908	97	111853	21.329	ug/l #	94
36) 1,1-Dichloropropene	8.114	75	88519	19.845	ug/l	98
37) Ethyl Acetate	7.297	43	41984	21.790	ug/l #	94
38) Carbon Tetrachloride	8.103	117	95045	21.616	ug/l	90
39) Methylcyclohexane	9.350	83	104472	19.473	ug/l	96
40) Benzene	8.350	78	251758	20.779	ug/l	100

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 Supervised By :Amit Patel 12/24/2021

Quant Time: Dec 21 19:04:51 2021
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	30925	35.750	ug/l #	71
42) 1,2-Dichloroethane	8.420	62	82067	22.190	ug/l	95
43) Isopropyl Acetate	8.450	43	89678	24.166	ug/l #	86
44) Trichloroethene	9.108	130	66814	20.683	ug/l	94
45) 1,2-Dichloropropane	9.385	63	68420	21.473	ug/l	90
46) Dibromomethane	9.479	93	34933	21.132	ug/l	95
47) Bromodichloromethane	9.655	83	96081	21.978	ug/l	90
48) Methyl methacrylate	9.455	41	36963	19.599	ug/l #	84
49) 1,4-Dioxane	9.455	88	7352	460.726	ug/l	89
51) 4-Methyl-2-Pentanone	10.226	43	221933	120.275	ug/l	91
52) Toluene	10.397	92	159760	20.782	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	85420	21.252	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	99701	20.882	ug/l #	82
55) 1,1,2-Trichloroethane	10.797	97	48088	22.175	ug/l	95
56) Ethyl methacrylate	10.655	69	59340	22.708	ug/l #	73
57) 1,3-Dichloropropane	10.938	76	87133	22.872	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	194739	131.964	ug/l	100
59) 2-Hexanone	10.979	43	152337	114.758	ug/l	88
60) Dibromochloromethane	11.132	129	59076	21.919	ug/l	99
61) 1,2-Dibromoethane	11.238	107	45644	21.915	ug/l	99
64) Tetrachloroethene	10.873	164	53675	19.281	ug/l	92
65) Chlorobenzene	11.661	112	168974	20.768	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	63636	21.421	ug/l	99
67) Ethyl Benzene	11.738	91	304445	19.877	ug/l	97
68) m/p-Xylenes	11.844	106	229929	39.762	ug/l	96
69) o-Xylene	12.173	106	107310	19.745	ug/l	97
70) Styrene	12.191	104	184842	20.180	ug/l	97
71) Bromoform	12.349	173	34734	22.569	ug/l #	100
73) Isopropylbenzene	12.473	105	293962	18.759	ug/l	99
74) N-amyl acetate	12.279	43	68836	19.916	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	54684	21.190	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	46258m	22.434	ug/l	
77) Bromobenzene	12.749	156	66192	19.501	ug/l	96
78) n-propylbenzene	12.808	91	370982	19.010	ug/l	99
79) 2-Chlorotoluene	12.896	91	204678	18.687	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	243194	18.820	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	15592	21.417	ug/l #	78
82) 4-Chlorotoluene	12.996	91	215081	18.915	ug/l	100
83) tert-Butylbenzene	13.214	119	211996	19.103	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	239635	18.995	ug/l	97
85) sec-Butylbenzene	13.391	105	328507	19.381	ug/l	99
86) p-Isopropyltoluene	13.508	119	254999	18.394	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	130577	19.326	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	129291	19.314	ug/l	98
89) n-Butylbenzene	13.832	91	259372	19.166	ug/l	98
90) Hexachloroethane	14.096	117	51794	19.709	ug/l	90
91) 1,2-Dichlorobenzene	13.879	146	115761	20.147	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	9754	23.210	ug/l	83
93) 1,2,4-Trichlorobenzene	15.143	180	68396	19.083	ug/l	96
94) Hexachlorobutadiene	15.249	225	38936	19.200	ug/l	99
95) Naphthalene	15.385	128	128895	20.401	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	58055	19.071	ug/l	97

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ClientSampleId :
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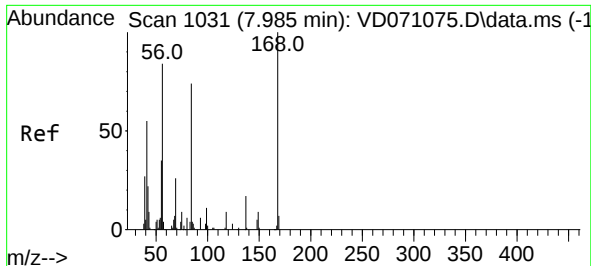
Manual Integrations
APPROVED

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Supervised By :Amit Patel 12/24/2021

Quant Time: Dec 21 19:04:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
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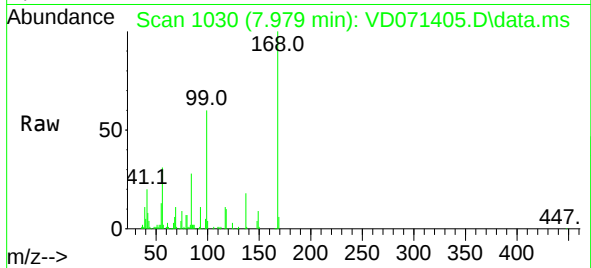
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071405.D
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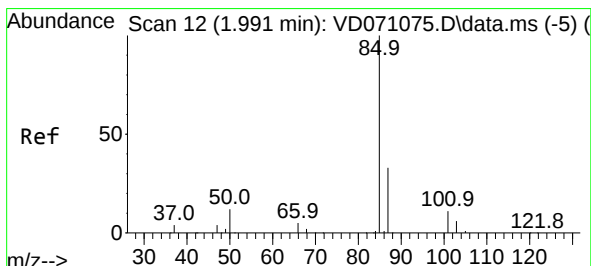
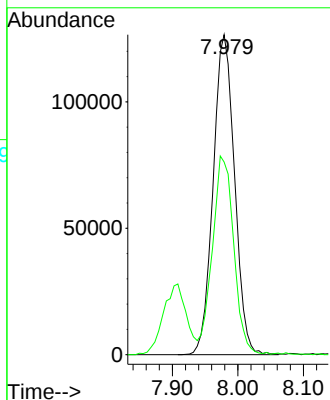
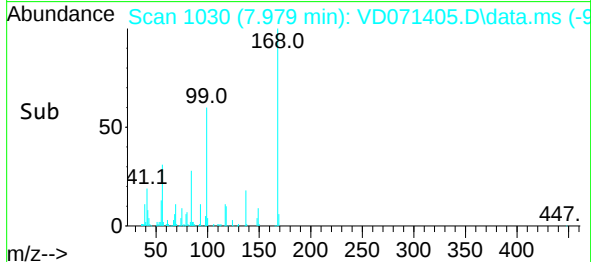
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



Tgt Ion:168 Resp: 286418
Ion Ratio Lower Upper
168 100
99 59.7 46.6 69.8

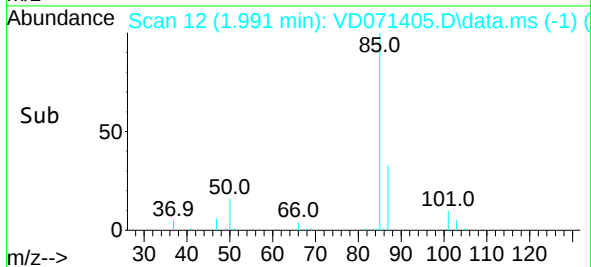
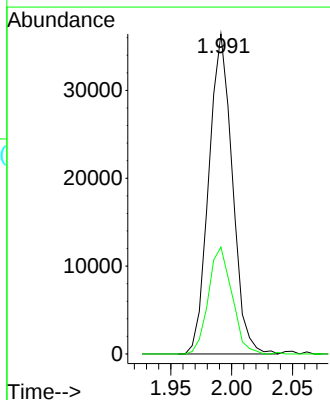
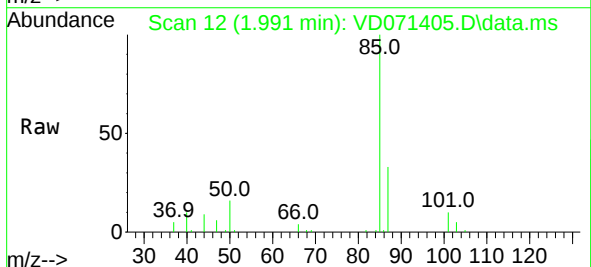
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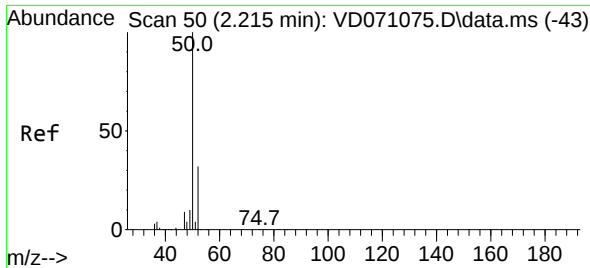
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#2
Dichlorodifluoromethane
Concen: 20.105 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

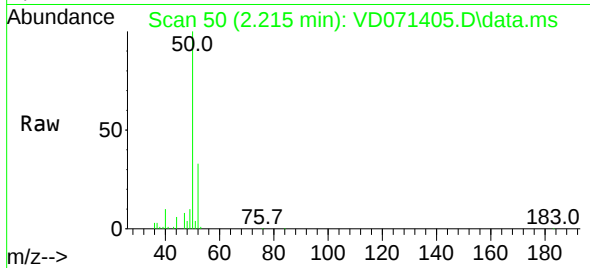
Tgt Ion: 85 Resp: 49107
Ion Ratio Lower Upper
85 100
87 33.4 15.2 45.6





#3
Chloromethane
Concen: 19.116 ug/l
RT: 2.215 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

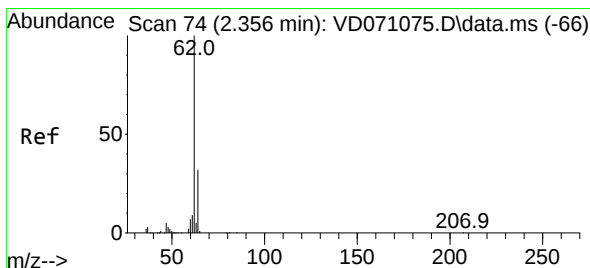
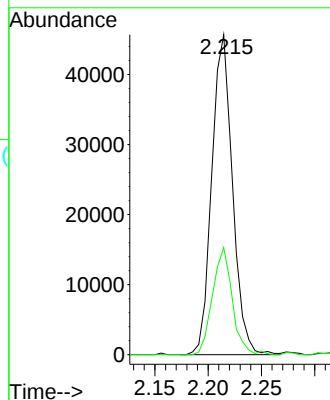
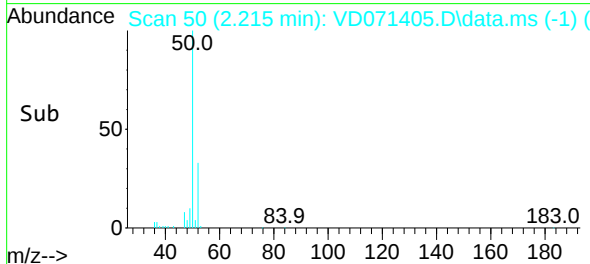
Instrument :
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ClientSampleId :
VD1221SBS01



Tgt Ion: 50 Resp: 6177
Ion Ratio Lower Upper
50 100
52 33.5 25.8 38.8

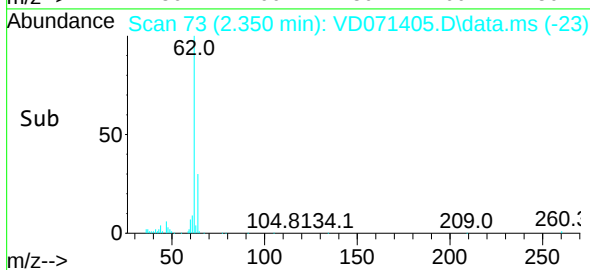
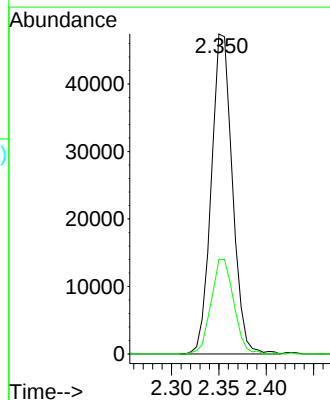
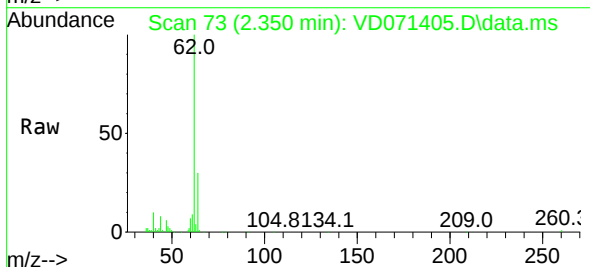
Manual Integrations
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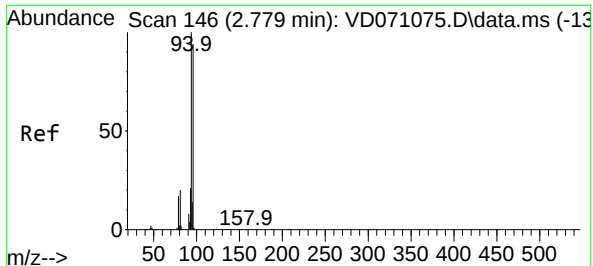
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#4
Vinyl Chloride
Concen: 20.383 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

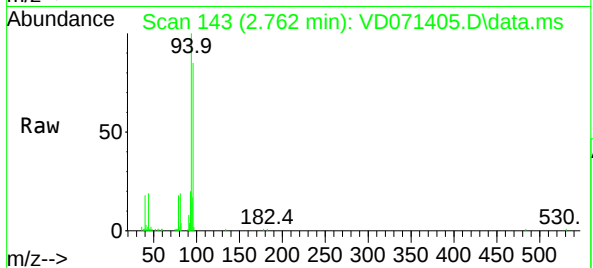
Tgt Ion: 62 Resp: 73481
Ion Ratio Lower Upper
62 100
64 29.5 26.0 39.0





#5
Bromomethane
Concen: 21.458 ug/l
RT: 2.762 min Scan# 146
Delta R.T. -0.017 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

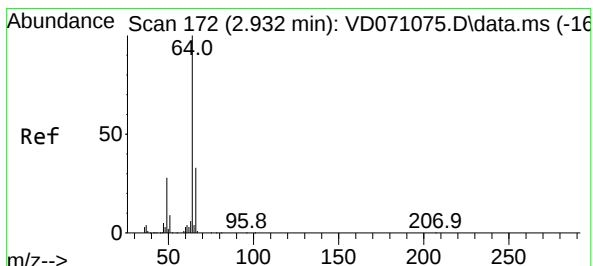
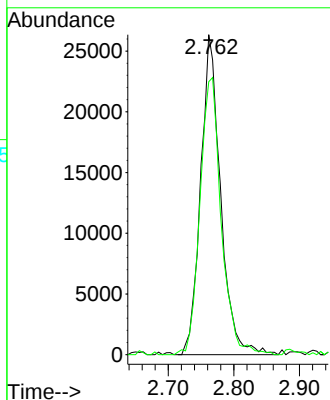
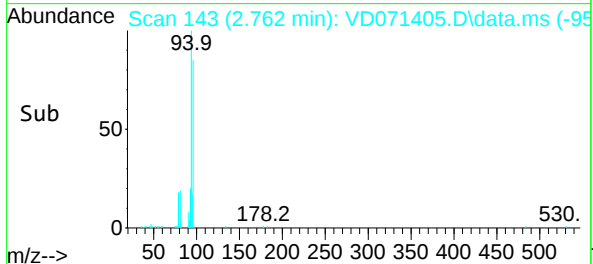
Instrument :
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Tgt Ion: 94 Resp: 55760
Ion Ratio Lower Upper
94 100
96 85.3 74.8 112.2

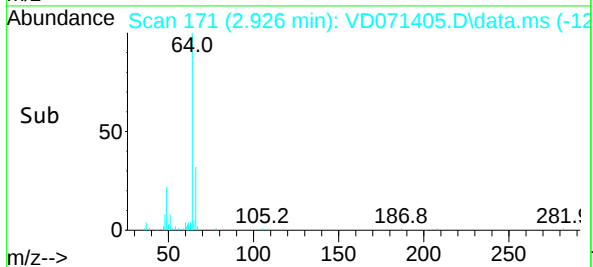
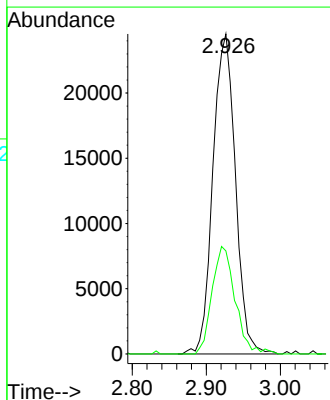
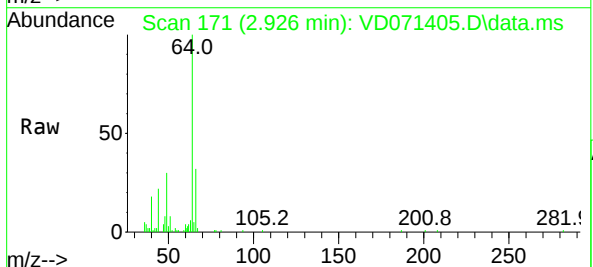
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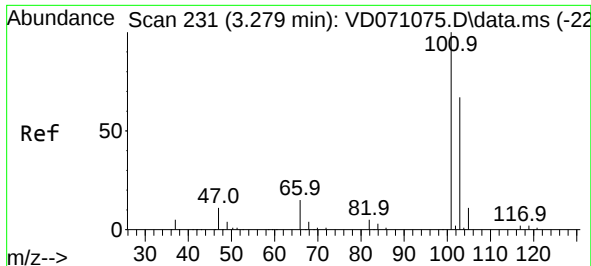
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#6
Chloroethane
Concen: 20.837 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

Tgt Ion: 64 Resp: 51665
Ion Ratio Lower Upper
64 100
66 32.2 29.0 43.4





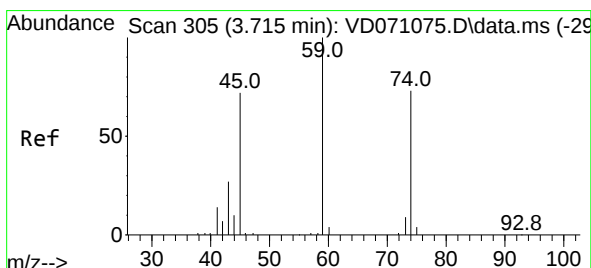
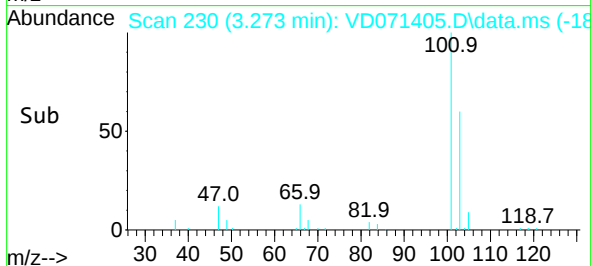
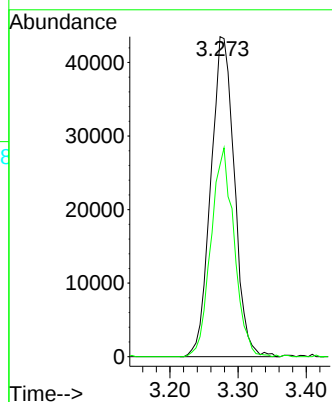
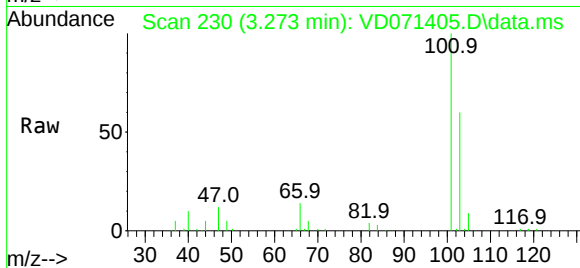
#7
Trichlorofluoromethane
Concen: 21.422 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01

Tgt Ion:101 Resp: 104618
Ion Ratio Lower Upper
101 100
103 60.0 49.7 74.5

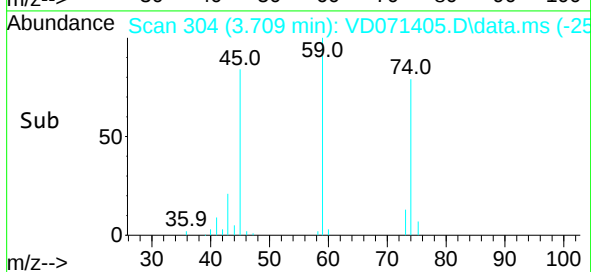
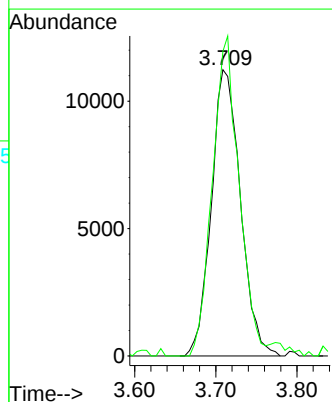
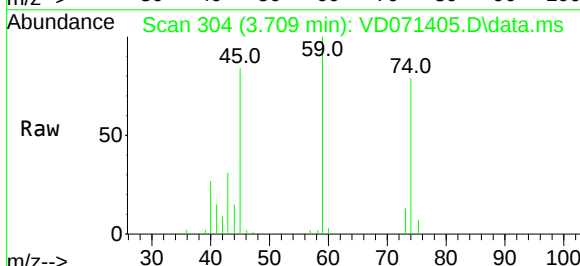
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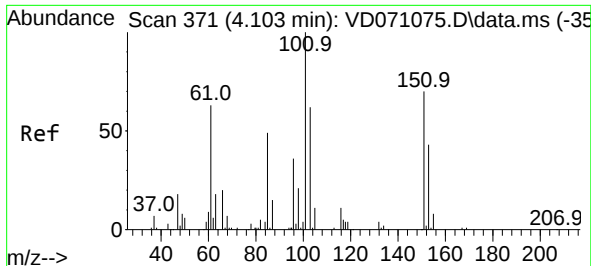
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#8
Diethyl Ether
Concen: 21.183 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

Tgt Ion: 74 Resp: 28045
Ion Ratio Lower Upper
74 100
45 102.1 49.6 149.0





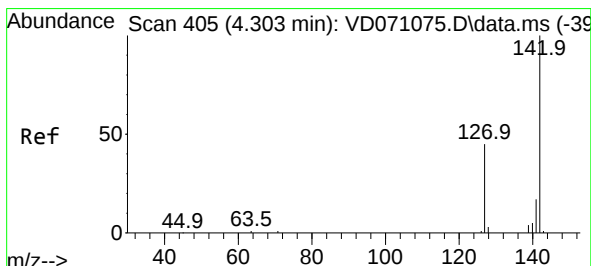
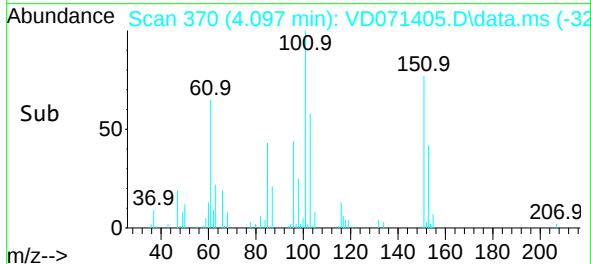
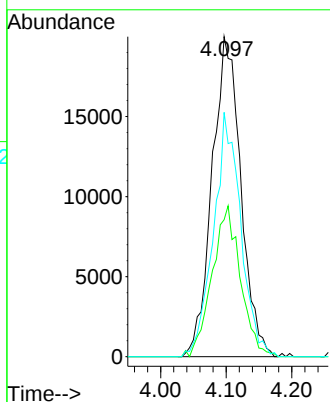
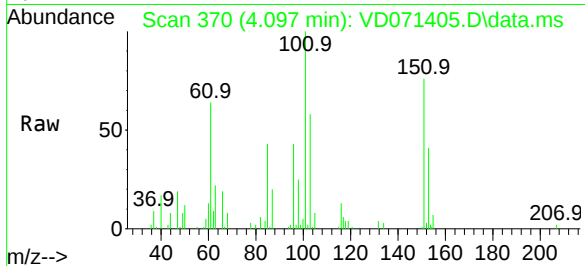
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.083 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01

Tgt Ion:101 Resp: 6074
Ion Ratio Lower Upper
101 100
85 46.5 34.8 52.2
151 72.3 60.4 90.6

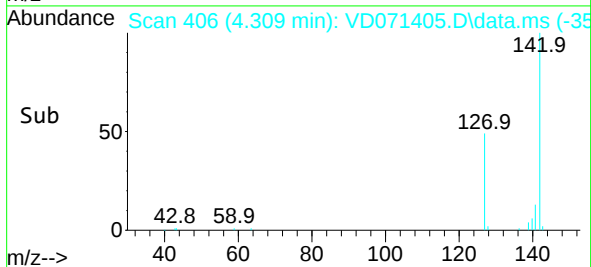
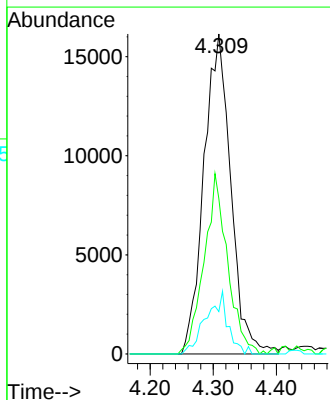
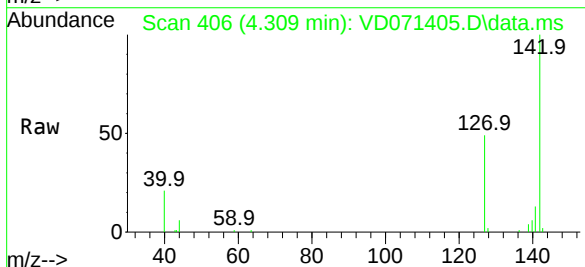
Manual Integrations
APPROVED

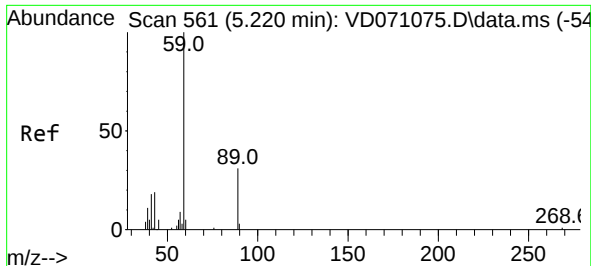
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#10
Methyl Iodide
Concen: 17.541 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

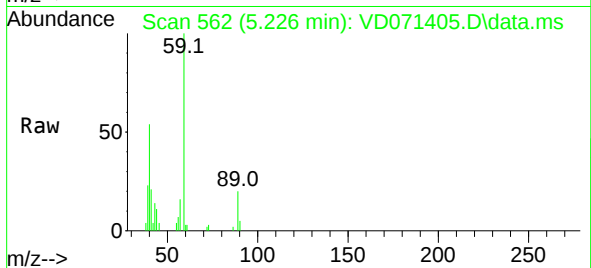
Tgt Ion:142 Resp: 47842
Ion Ratio Lower Upper
142 100
127 49.1 35.0 52.4
141 15.8 12.0 18.0





#11
Tert butyl alcohol
Concen: 99.415 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

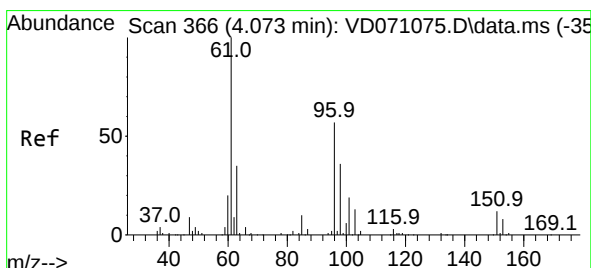
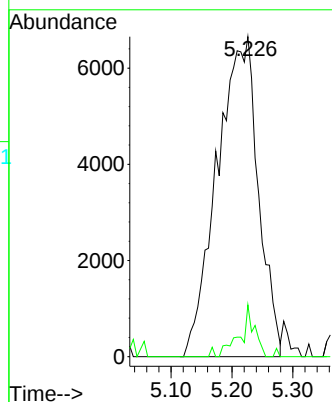
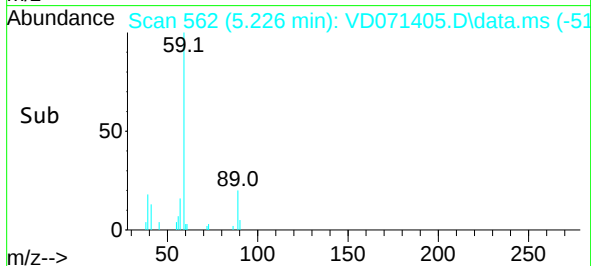
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



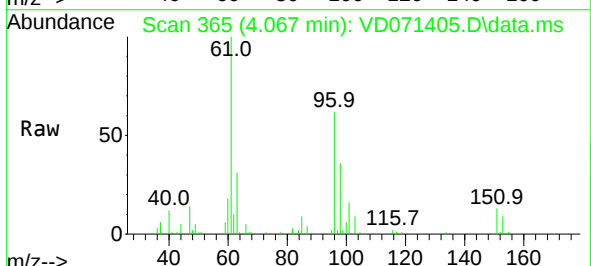
Tgt Ion: 59 Resp: 3123
Ion Ratio Lower Upper
59 100
57 5.6 9.0 13.4

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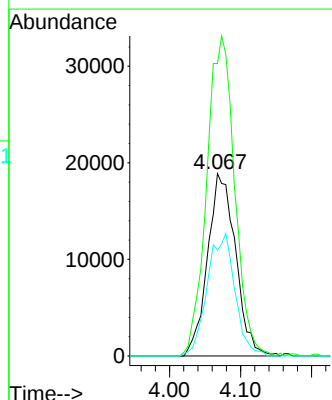
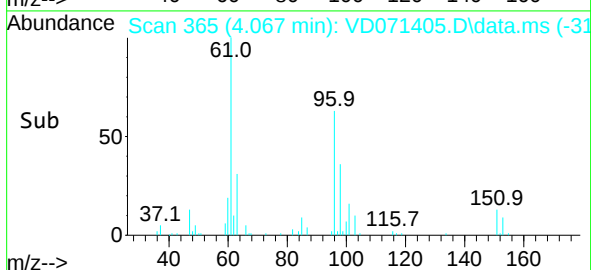
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#12
1,1-Dichloroethene
Concen: 19.443 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31



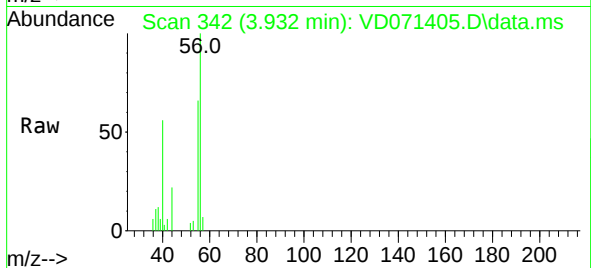
Tgt Ion: 96 Resp: 51697
Ion Ratio Lower Upper
96 100
61 160.2 120.3 180.5
98 58.0 54.4 81.6





#13
Acrolein
Concen: 69.275 ug/l
RT: 3.932 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

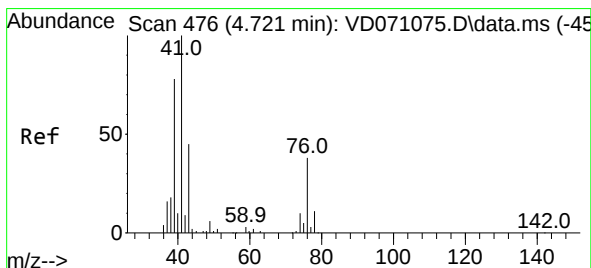
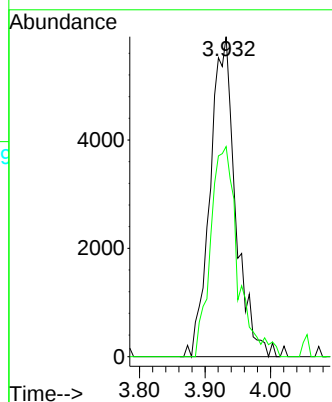
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



Tgt Ion: 56 Resp: 15910
Ion Ratio Lower Upper
56 100
55 70.2 58.6 87.8

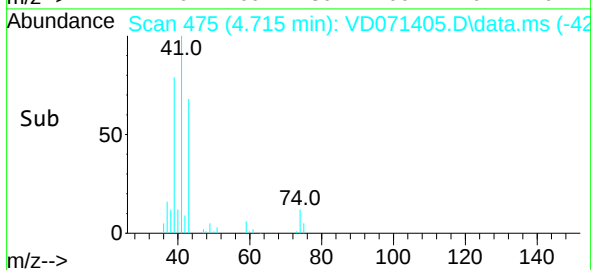
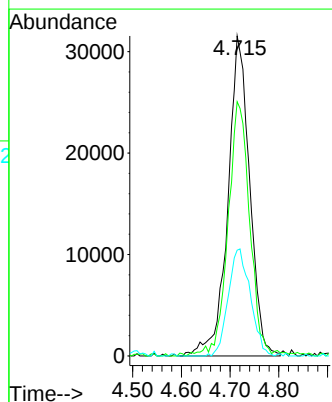
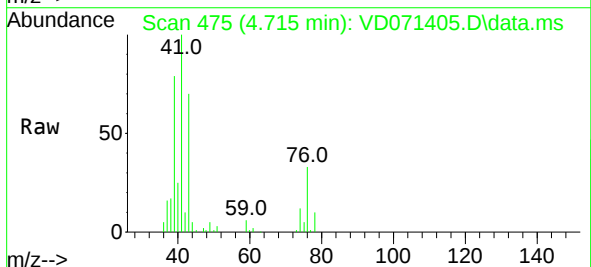
Manual Integrations
APPROVED

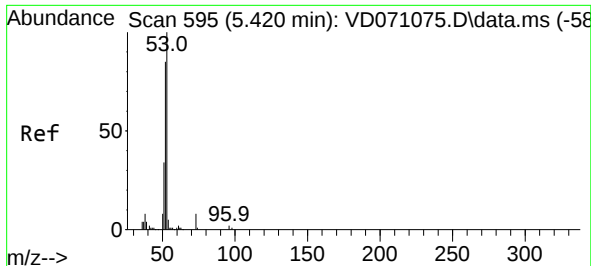
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#14
Allyl chloride
Concen: 19.437 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

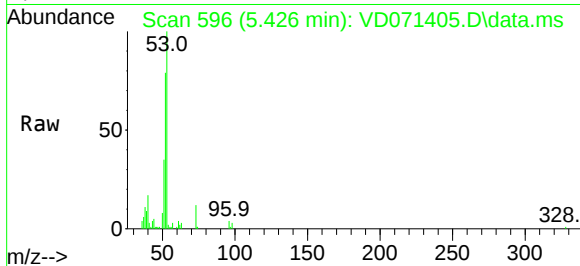
Tgt Ion: 41 Resp: 98165
Ion Ratio Lower Upper
41 100
39 78.7 45.6 68.4#
76 33.9 30.2 45.4





#15
Acrylonitrile
Concen: 117.247 ug/l
RT: 5.426 min Scan# 595
Delta R.T. 0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

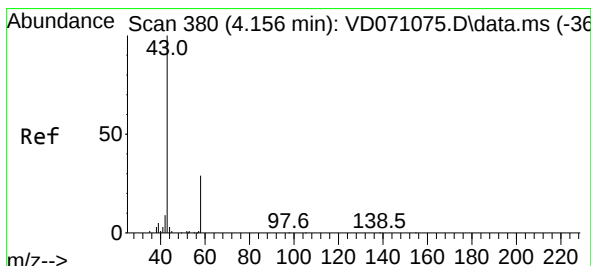
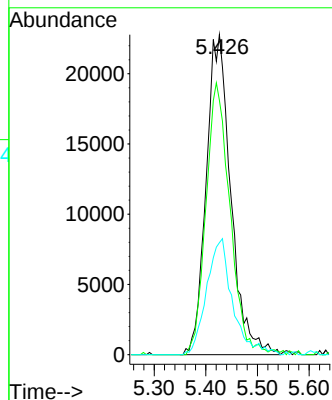
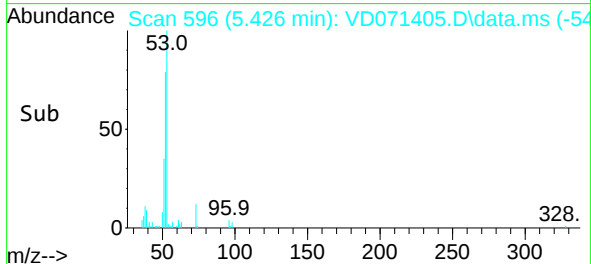
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



Tgt Ion: 53 Resp: 7549
Ion Ratio Lower Upper
53 100
52 82.6 63.8 95.8
51 38.2 28.5 42.7

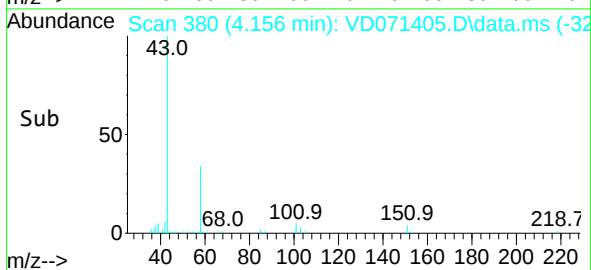
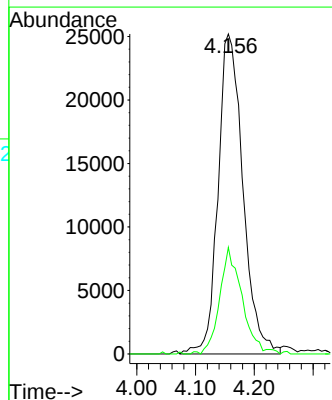
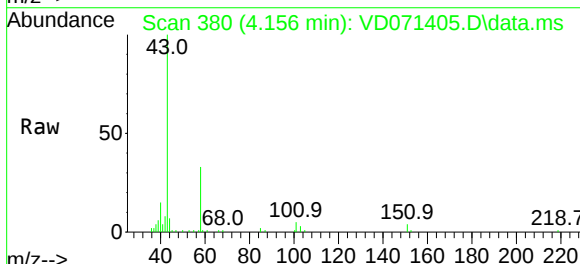
Manual Integrations
APPROVED

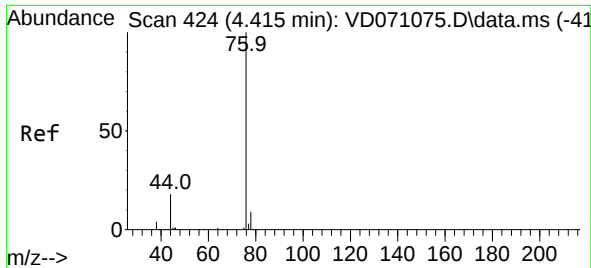
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#16
Acetone
Concen: 103.610 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

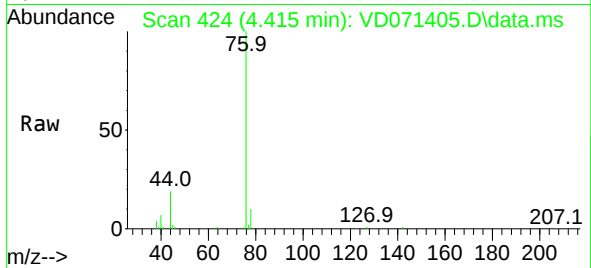
Tgt Ion: 43 Resp: 74109
Ion Ratio Lower Upper
43 100
58 33.3 27.8 41.8





#17
Carbon Disulfide
Concen: 17.176 ug/l
RT: 4.415 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

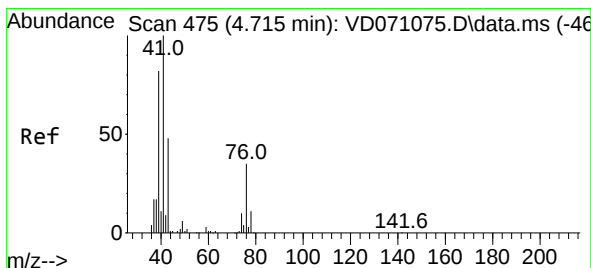
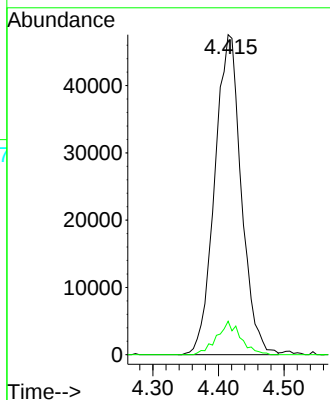
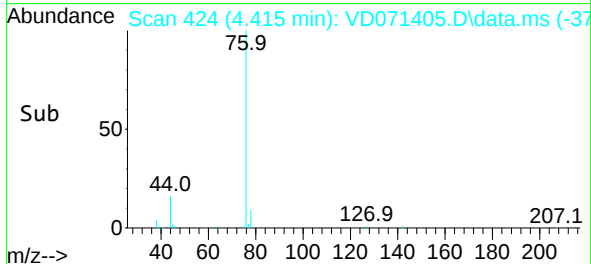
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01



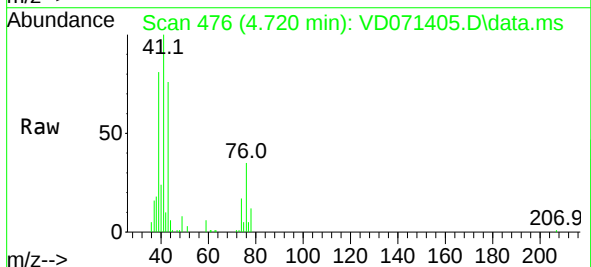
Tgt Ion: 76 Resp: 133710
Ion Ratio Lower Upper
76 100
78 10.4 7.8 11.8

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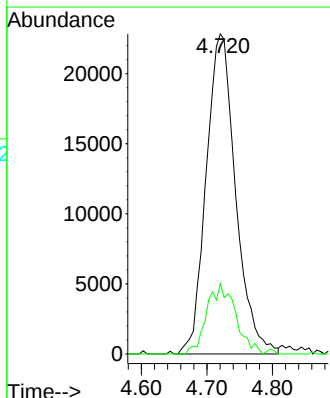
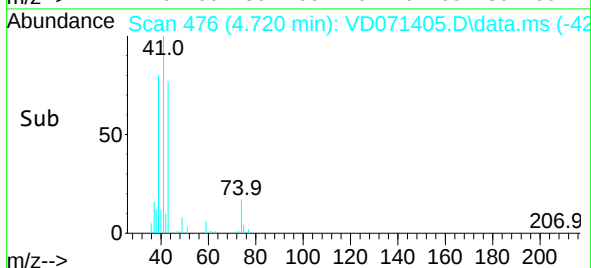
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

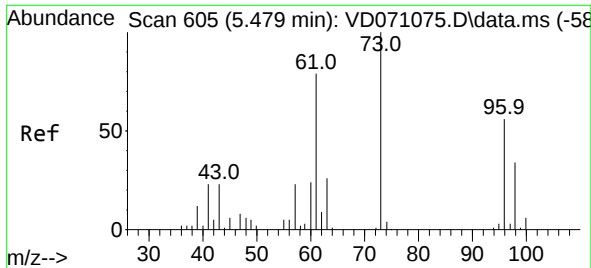


#18
Methyl Acetate
Concen: 28.764 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31



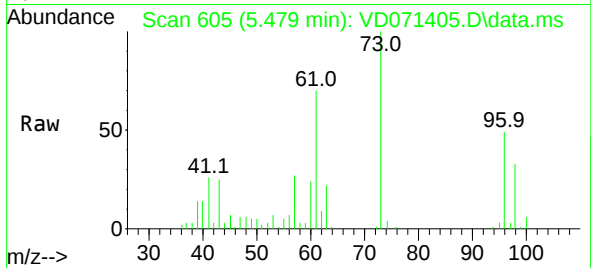
Tgt Ion: 43 Resp: 71325
Ion Ratio Lower Upper
43 100
74 21.4 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 21.608 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

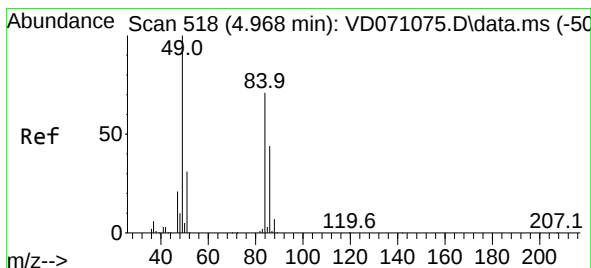
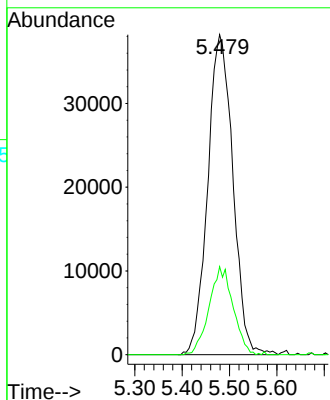
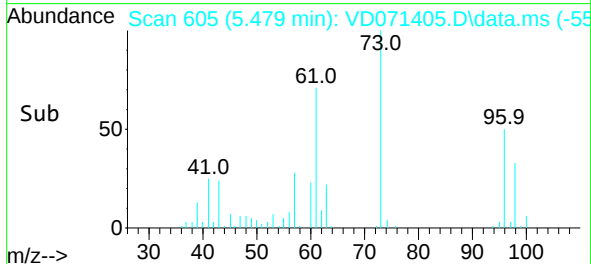
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01



Tgt Ion: 73 Resp: 140800
Ion Ratio Lower Upper
73 100
57 27.5 18.9 28.3

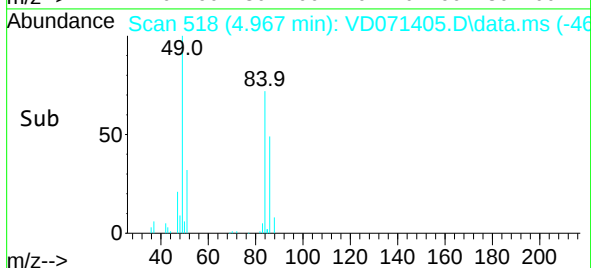
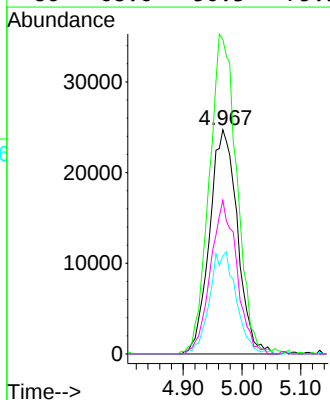
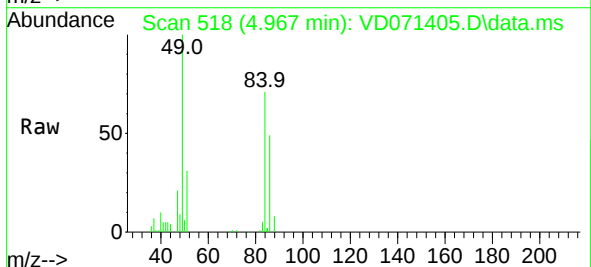
Manual Integrations
APPROVED

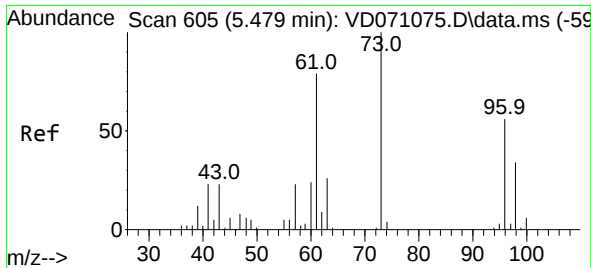
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#20
Methylene Chloride
Concen: 21.602 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.001 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

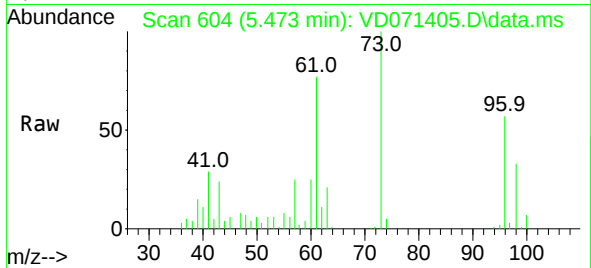
Tgt Ion: 84 Resp: 81304
Ion Ratio Lower Upper
84 100
49 140.3 95.8 143.6
51 43.8 30.9 46.3
86 68.6 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 20.096 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

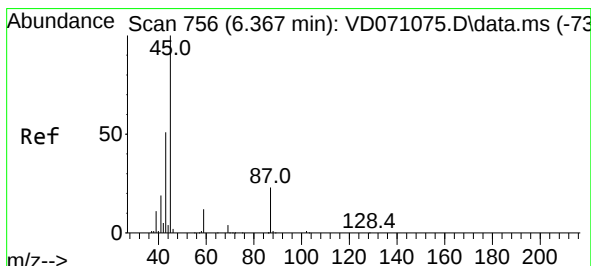
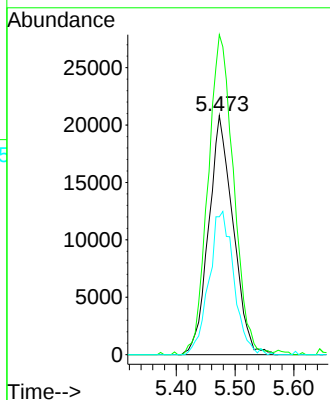
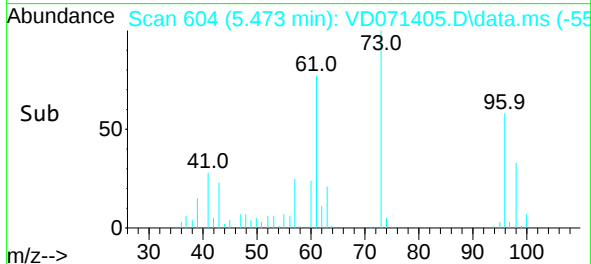
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01



Tgt Ion: 96 Resp: 60149
Ion Ratio Lower Upper
96 100
61 133.8 102.1 153.1
98 57.7 50.1 75.1

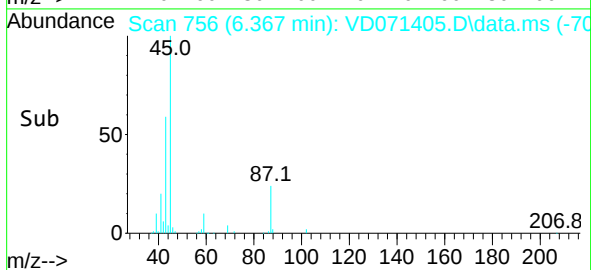
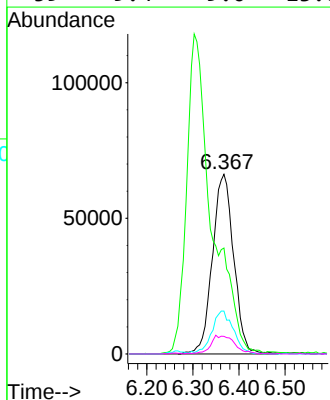
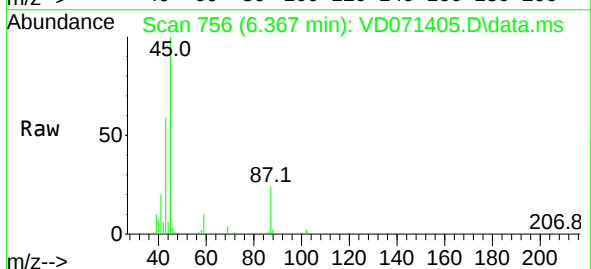
Manual Integrations
APPROVED

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



#22
Diisopropyl ether
Concen: 20.992 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

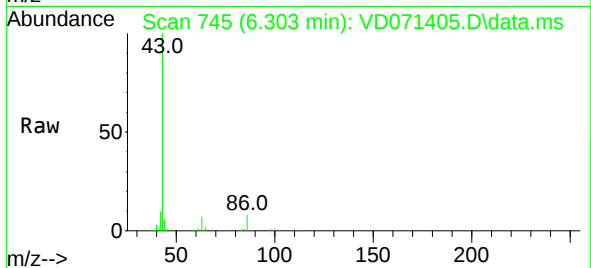
Tgt Ion: 45 Resp: 212415
Ion Ratio Lower Upper
45 100
43 58.0 39.6 59.4
87 23.9 21.2 31.8
59 9.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 99.979 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD071405.D
 Acq: 21 Dec 2021 11:31

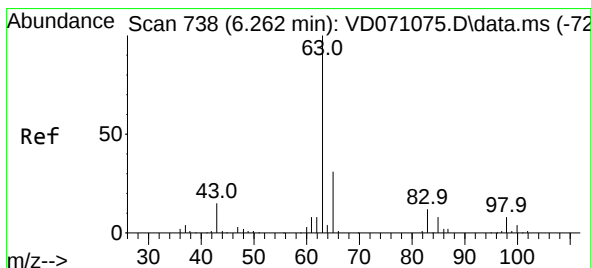
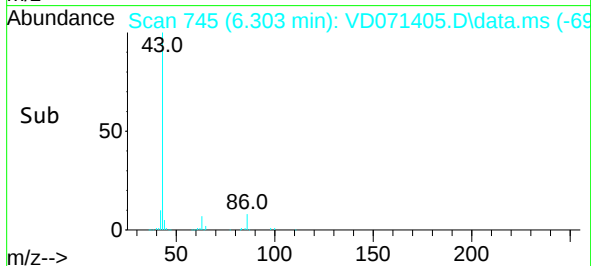
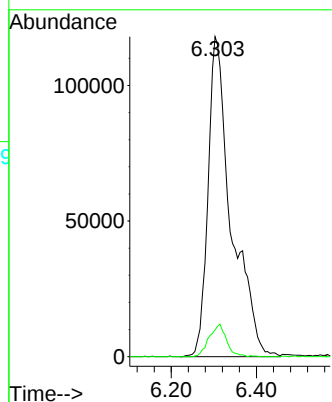
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBS01



Tgt Ion: 43 Resp: 446790
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.2 12.4

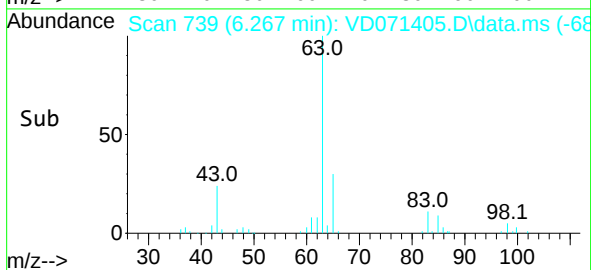
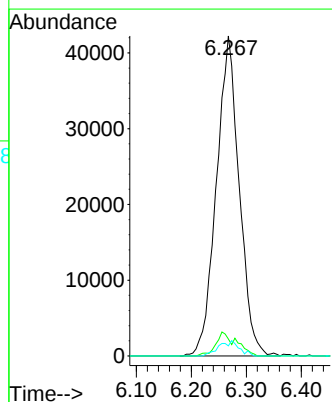
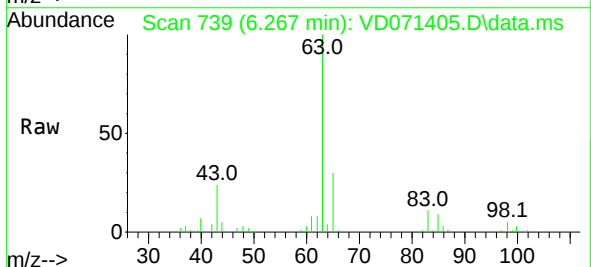
Manual Integrations
 APPROVED

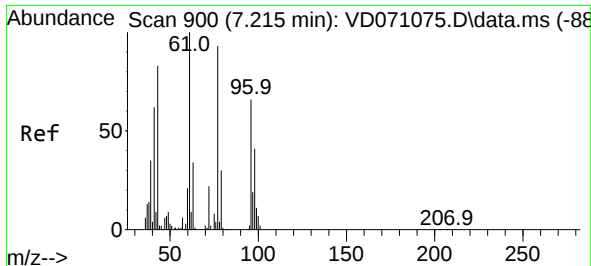
Reviewed By :Semsettin Yesilyurt 12/22/2021
 Supervised By :Amit Patel 12/24/2021



#24
 1,1-Dichloroethane
 Concen: 20.947 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.005 min
 Lab File: VD071405.D
 Acq: 21 Dec 2021 11:31

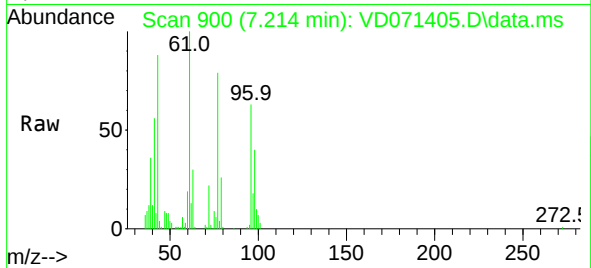
Tgt Ion: 63 Resp: 121913
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.5 10.6
 100 3.1 2.1 6.3





#25
2-Butanone
Concen: 114.379 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.001 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

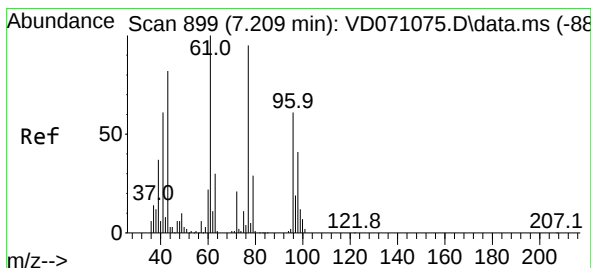
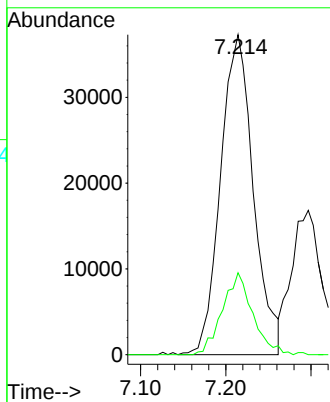
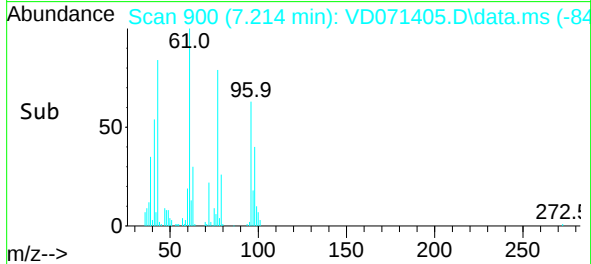
Instrument :
MSVOA_D
Client Sample Id :
VD1221SBS01



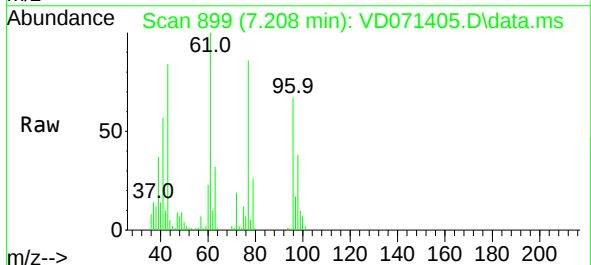
Tgt Ion: 43 Resp: 100000
Ion Ratio Lower Upper
43 100
72 25.6 23.8 35.6

Manual Integrations
APPROVED

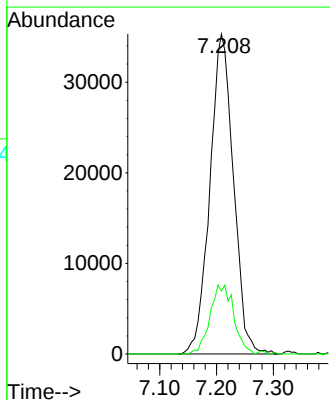
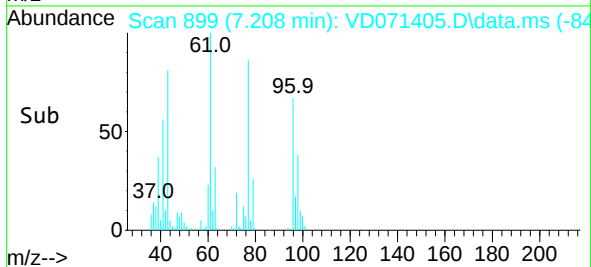
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

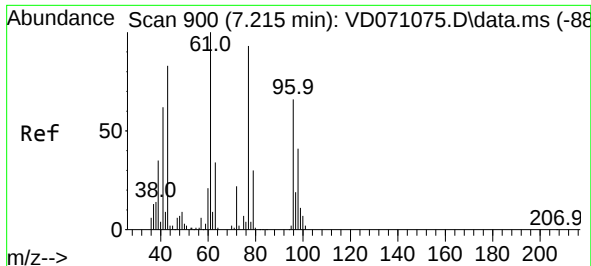


#26
2,2-Dichloropropane
Concen: 19.192 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31



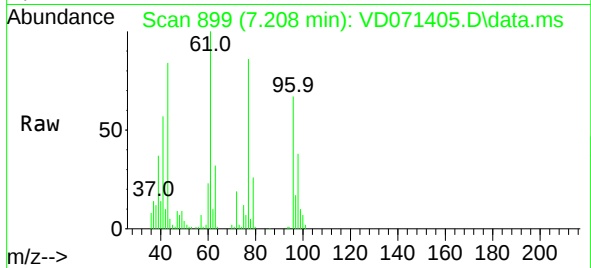
Tgt Ion: 77 Resp: 101570
Ion Ratio Lower Upper
77 100
97 21.7 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 21.041 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

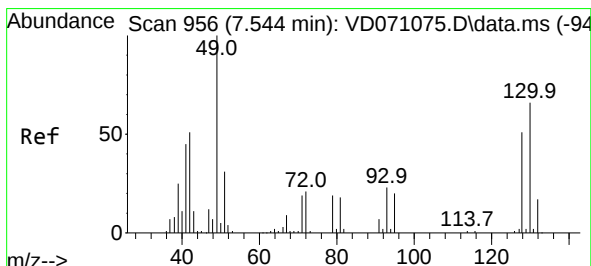
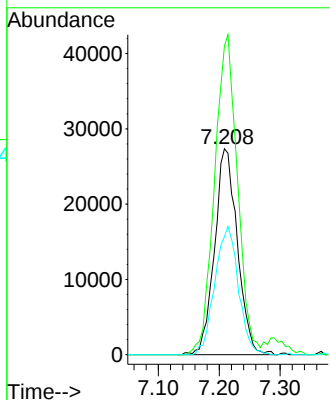
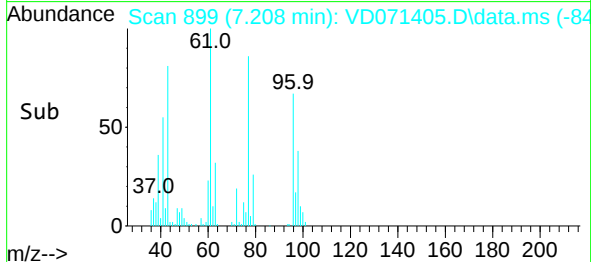
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01



Tgt Ion: 96 Resp: 7124
Ion Ratio Lower Upper
96 100
61 155.8 0.0 288.6
98 64.4 0.0 129.2

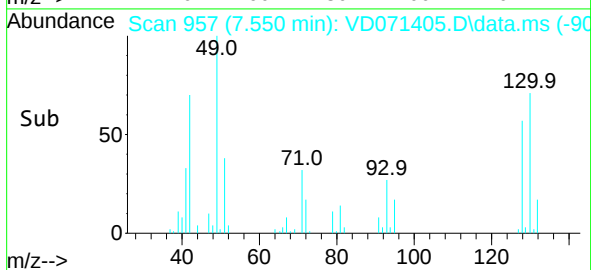
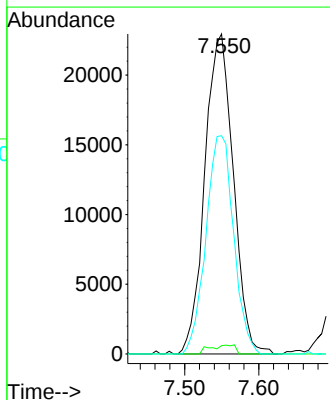
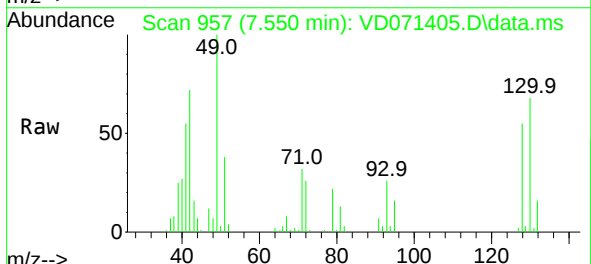
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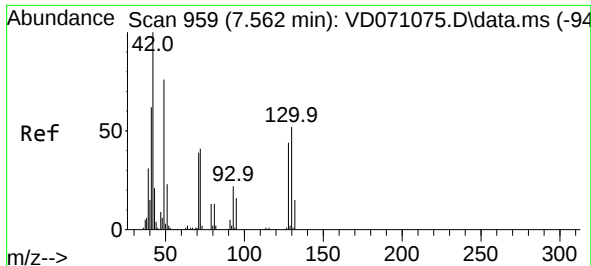
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#28
Bromochloromethane
Concen: 24.239 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

Tgt Ion: 49 Resp: 61274
Ion Ratio Lower Upper
49 100
129 1.4 0.0 4.0
130 66.4 60.2 90.2





#29

Tetrahydrofuran

Concen: 115.746 ug/l

RT: 7.567 min Scan# 90

Delta R.T. 0.005 min

Lab File: VD071405.D

Acq: 21 Dec 2021 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBSD01

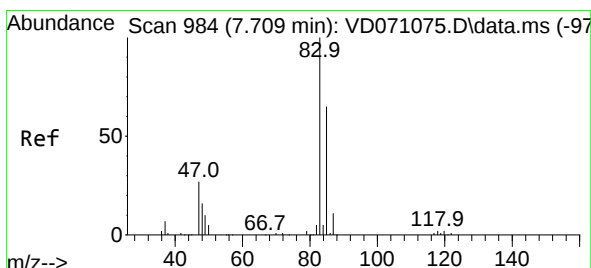
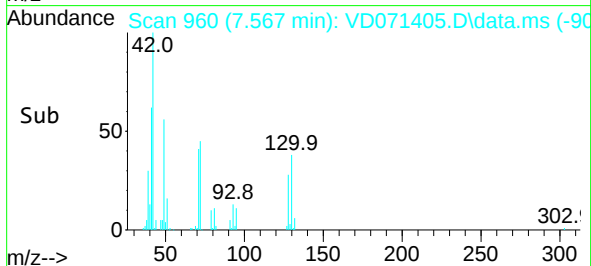
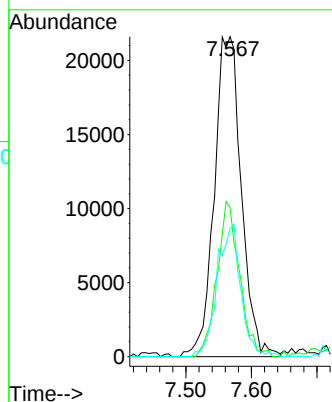
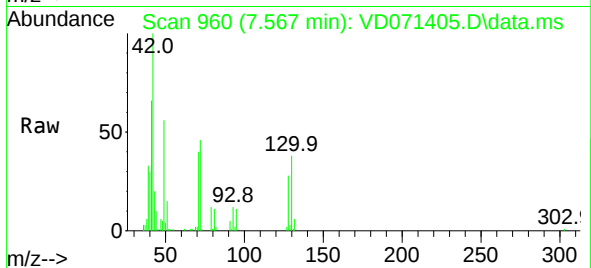
Tgt Ion: 42 Resp: 61769

Ion	Ratio	Lower	Upper
42	100		
72	40.4	33.7	50.5
71	36.4	32.7	49.1

Manual Integrations

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



#30

Chloroform

Concen: 21.172 ug/l

RT: 7.708 min Scan# 984

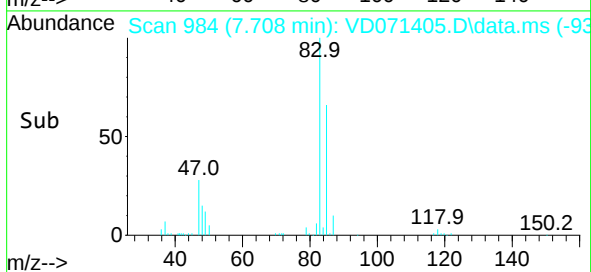
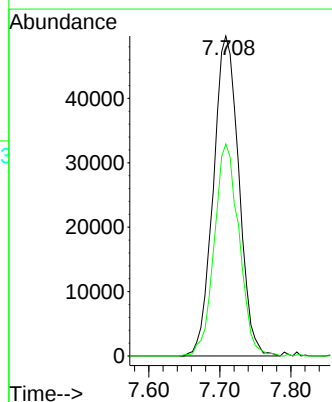
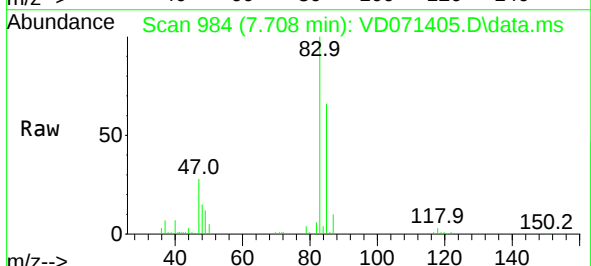
Delta R.T. -0.001 min

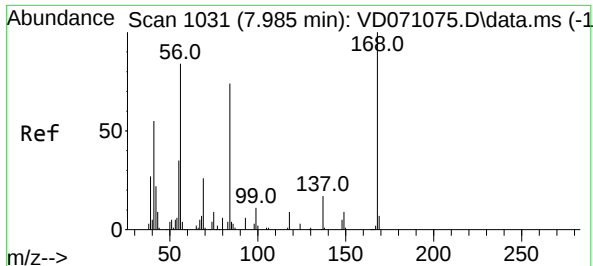
Lab File: VD071405.D

Acq: 21 Dec 2021 11:31

Tgt Ion: 83 Resp: 123668

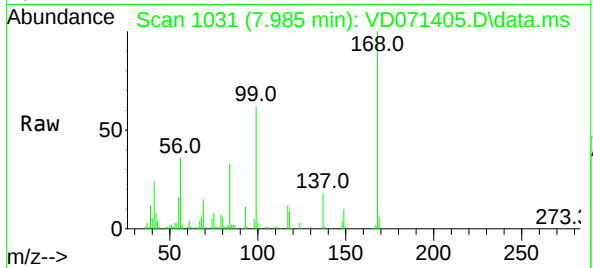
Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.0	76.6





#31
Cyclohexane
Concen: 19.197 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

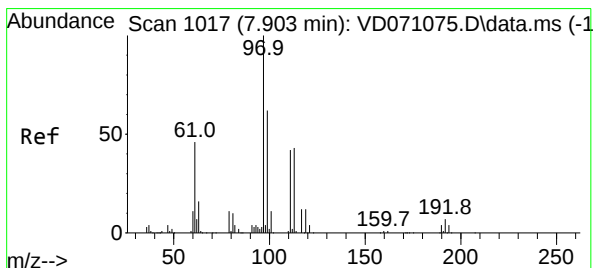
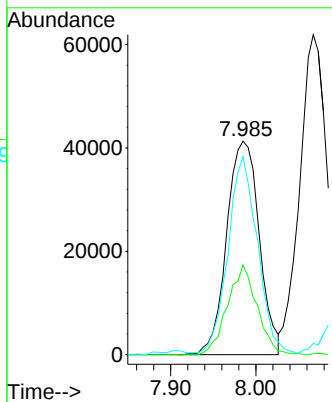
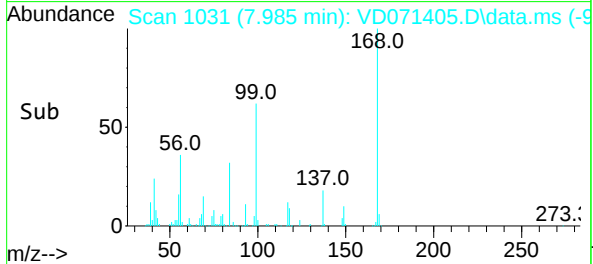
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01



Tgt Ion: 56 Resp: 10974
Ion Ratio Lower Upper
56 100
69 41.9 25.9 38.9
84 90.8 64.3 96.5

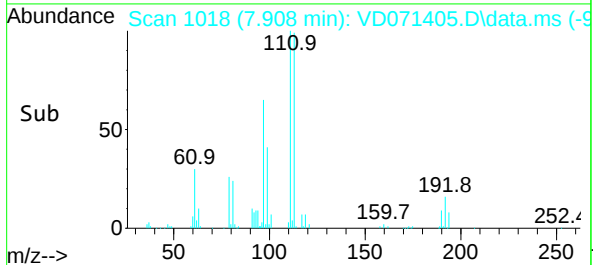
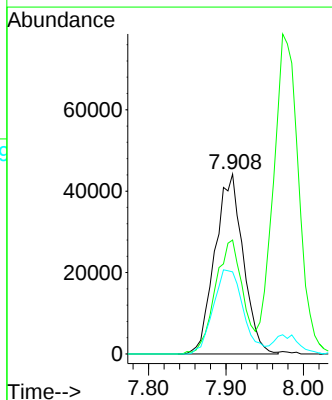
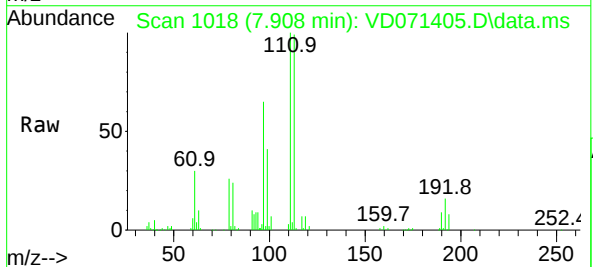
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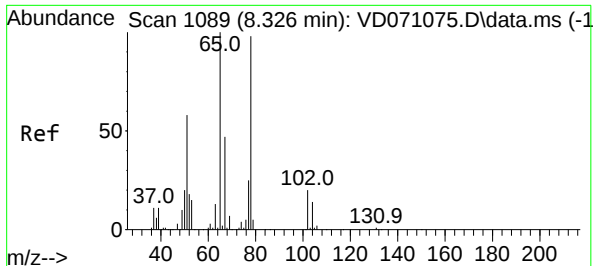
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#32
1,1,1-Trichloroethane
Concen: 21.329 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.005 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

Tgt Ion: 97 Resp: 111853
Ion Ratio Lower Upper
97 100
99 62.0 50.3 75.5
61 49.5 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 55.191 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD071405.D

Acq: 21 Dec 2021 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBSD01

Tgt Ion: 65 Resp: 185484

Ion Ratio Lower Upper

65 100

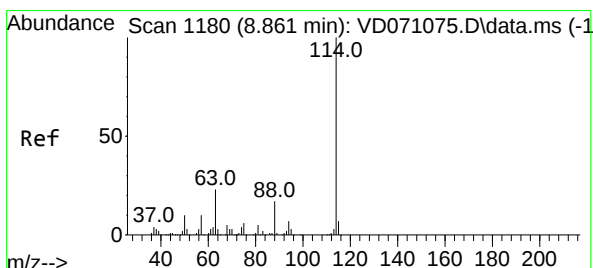
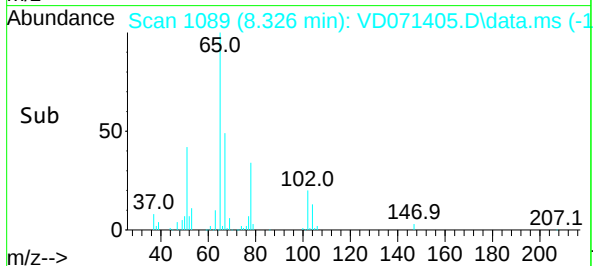
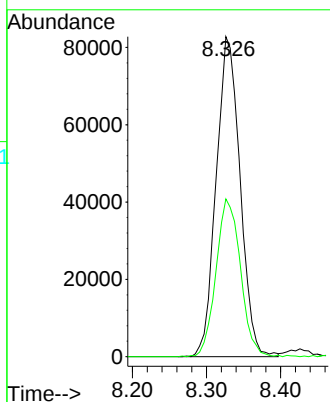
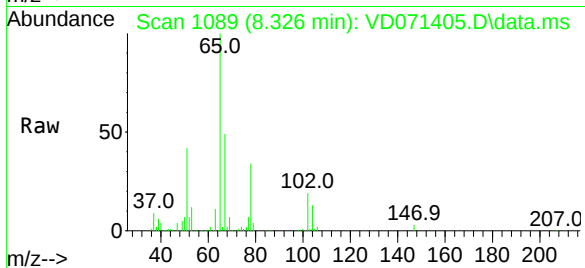
67 50.4 0.0 112.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071405.D

Acq: 21 Dec 2021 11:31

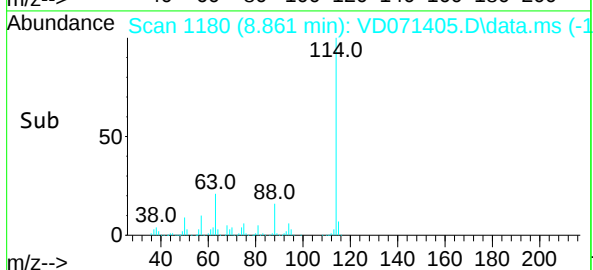
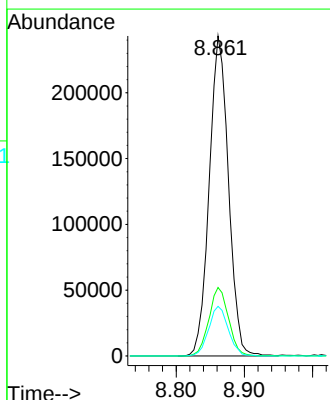
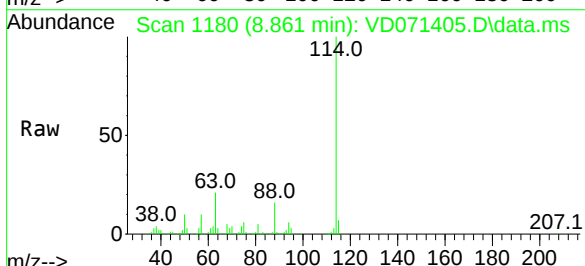
Tgt Ion:114 Resp: 477245

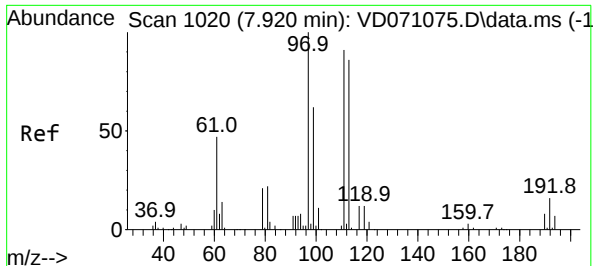
Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.8

88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 56.415 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071405.D

Acq: 21 Dec 2021 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS01

Tgt Ion:113 Resp: 171449

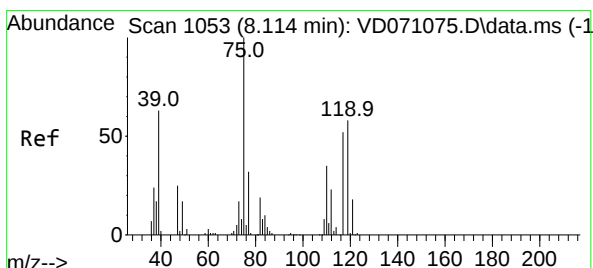
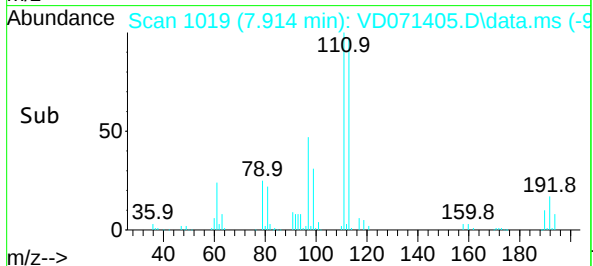
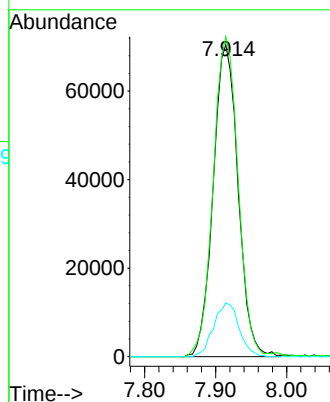
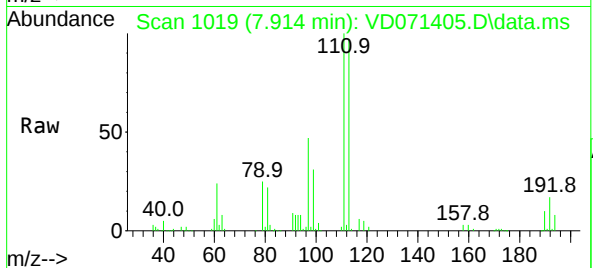
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	17.6	15.2	22.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#36

1,1-Dichloropropene

Concen: 19.845 ug/l

RT: 8.114 min Scan# 1053

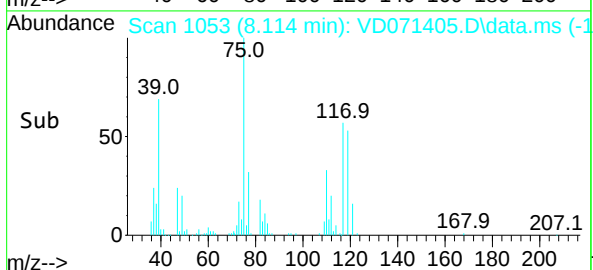
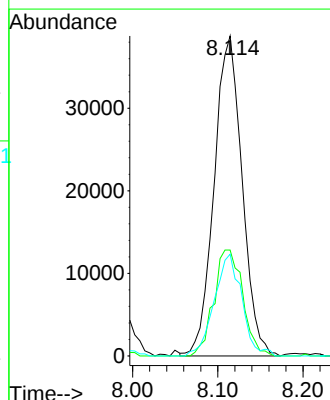
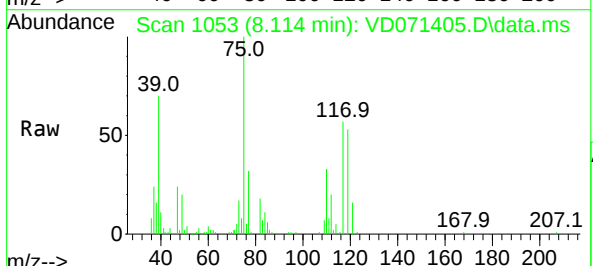
Delta R.T. 0.000 min

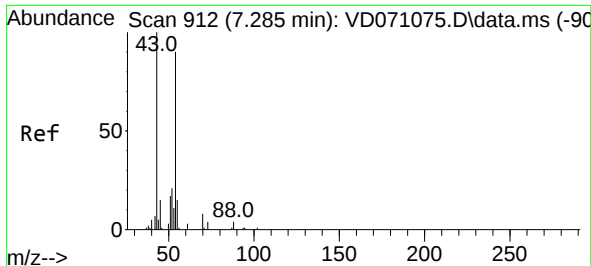
Lab File: VD071405.D

Acq: 21 Dec 2021 11:31

Tgt Ion: 75 Resp: 88519

Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.8	53.4
77	31.3	24.8	37.2





#37

Ethyl Acetate

Concen: 21.790 ug/l

RT: 7.297 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD071405.D

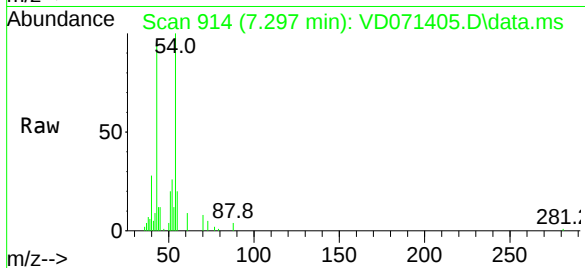
Acq: 21 Dec 2021 11:31

Instrument :

MSVOA_D

ClientSampleId :

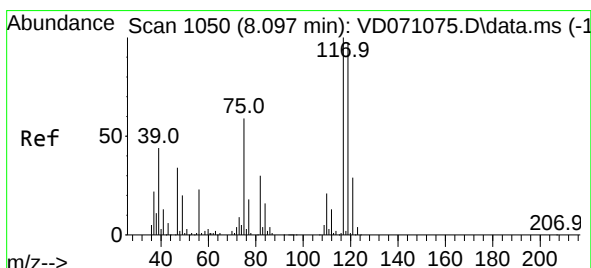
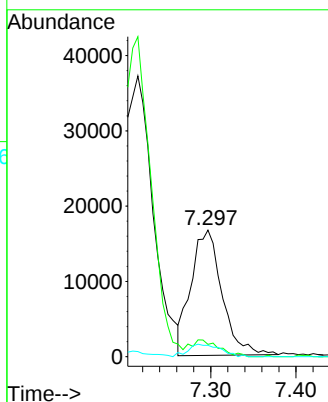
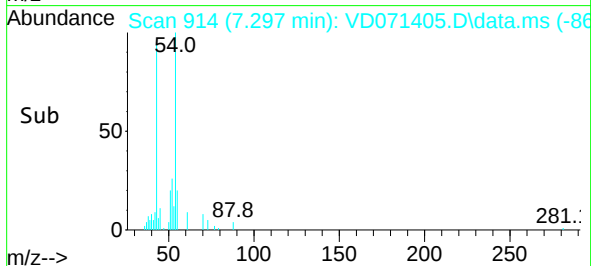
VD1221SBS01



Tgt Ion:	43	Resp:	41984
Ion Ratio	Lower	Upper	
43	100		
61	12.4	13.0	19.6
70	10.3	8.7	13.1

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



#38

Carbon Tetrachloride

Concen: 21.616 ug/l

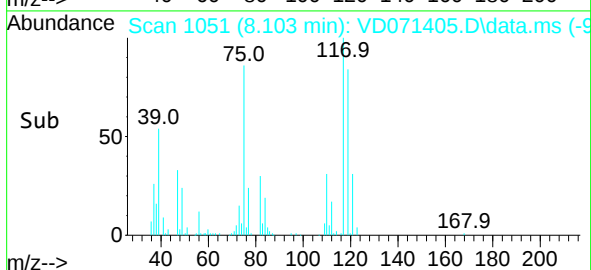
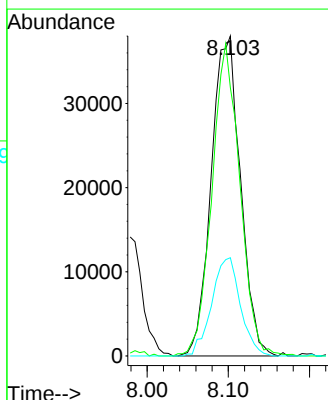
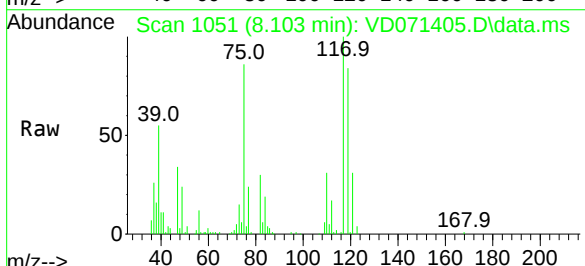
RT: 8.103 min Scan# 1051

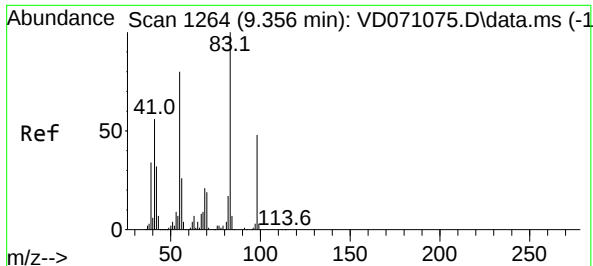
Delta R.T. 0.006 min

Lab File: VD071405.D

Acq: 21 Dec 2021 11:31

Tgt Ion:	117	Resp:	95045
Ion Ratio	Lower	Upper	
117	100		
119	83.2	75.8	113.6
121	30.7	23.6	35.4





#39

Methylcyclohexane

Concen: 19.473 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD071405.D

Acq: 21 Dec 2021 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS01

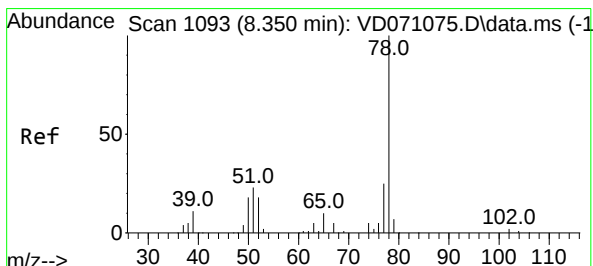
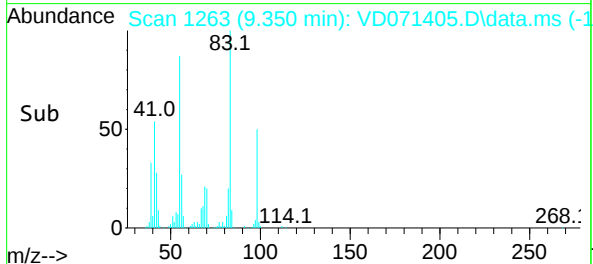
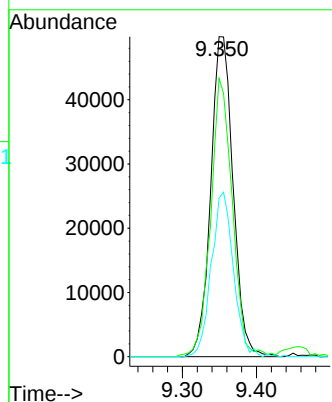
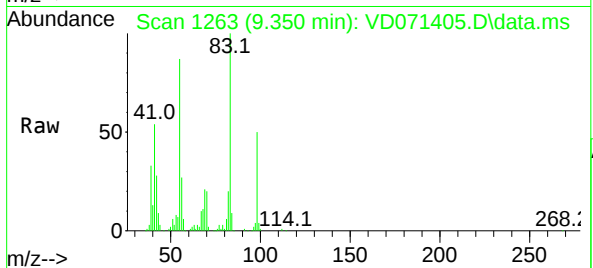
Tgt Ion: 83 Resp: 104472

Ion	Ratio	Lower	Upper
83	100		
55	86.5	65.8	98.8
98	49.6	38.7	58.1

Manual Integrations

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



#40

Benzene

Concen: 20.779 ug/l

RT: 8.350 min Scan# 1093

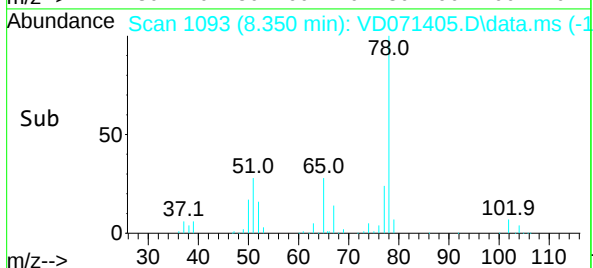
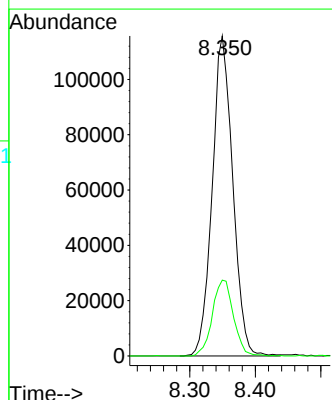
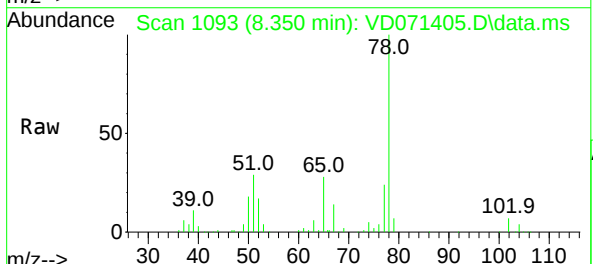
Delta R.T. -0.000 min

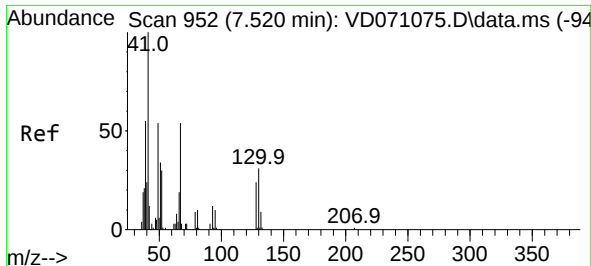
Lab File: VD071405.D

Acq: 21 Dec 2021 11:31

Tgt Ion: 78 Resp: 251758

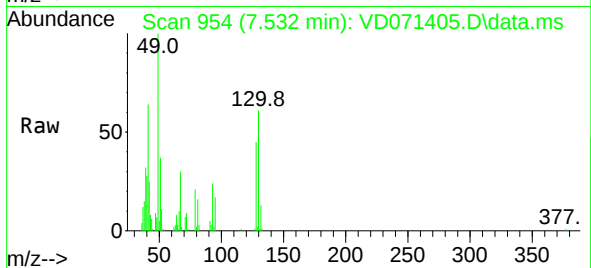
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7





#41
Methacrylonitrile
Concen: 35.750 ug/l
RT: 7.532 min Scan# 911
Delta R.T. 0.012 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

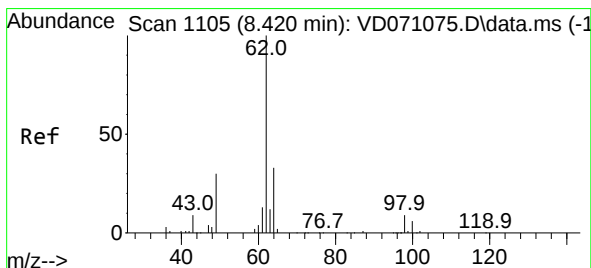
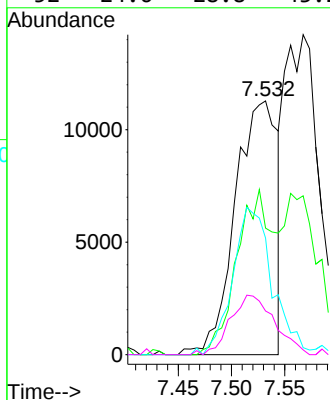
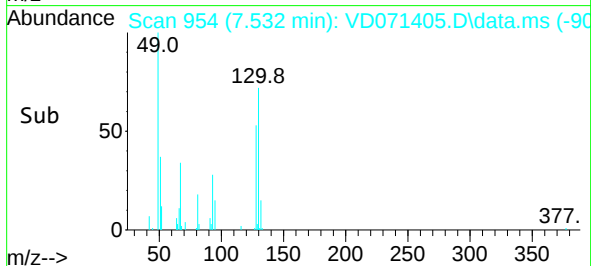
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01



Tgt Ion: 41 Resp: 30925
Ion Ratio Lower Upper
41 100
39 57.3 60.2 90.4
67 54.9 74.8 112.2
52 24.6 28.8 43.2

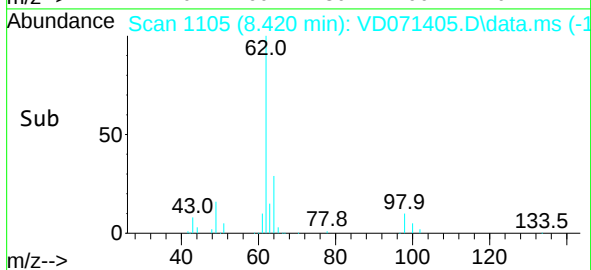
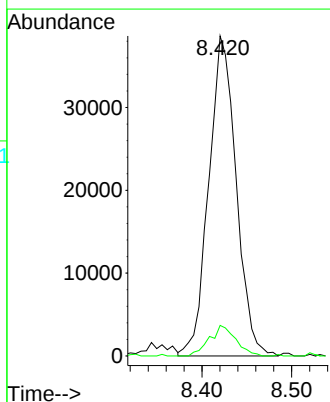
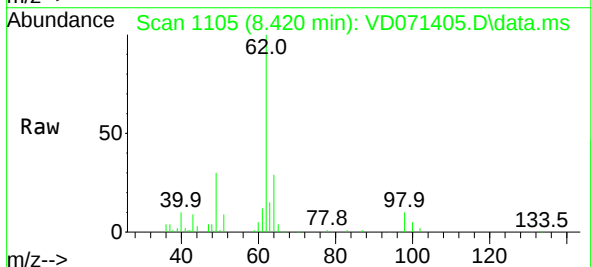
Manual Integrations
APPROVED

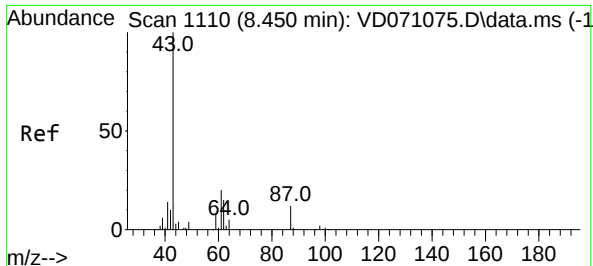
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#42
1,2-Dichloroethane
Concen: 22.190 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

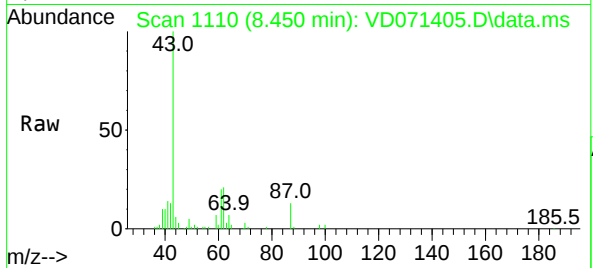
Tgt Ion: 62 Resp: 82067
Ion Ratio Lower Upper
62 100
98 9.2 0.0 21.8





#43
Isopropyl Acetate
Concen: 24.166 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

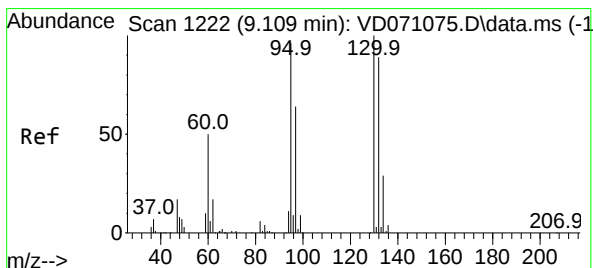
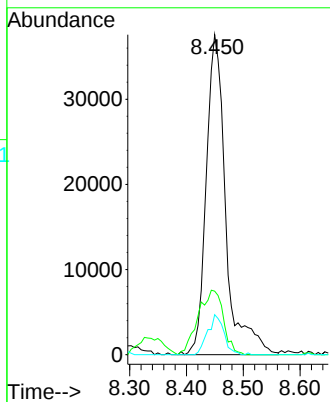
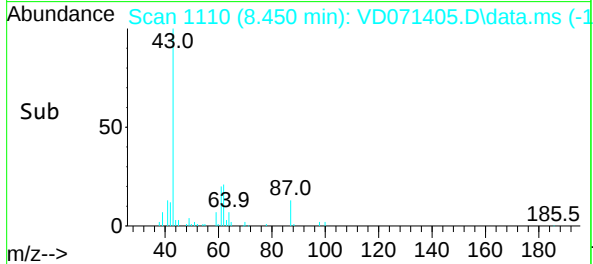
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01



Tgt Ion: 43 Resp: 89678
Ion Ratio Lower Upper
43 100
61 26.1 28.2 42.4
87 10.3 10.7 16.1

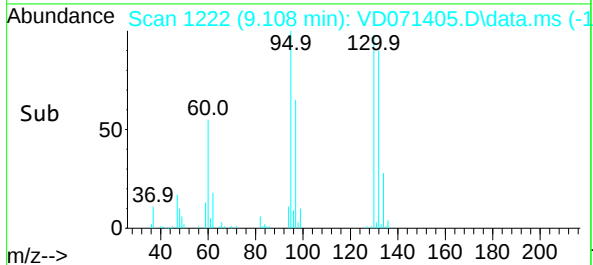
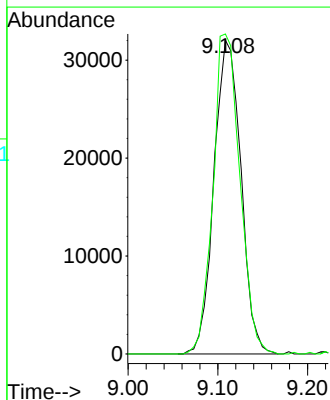
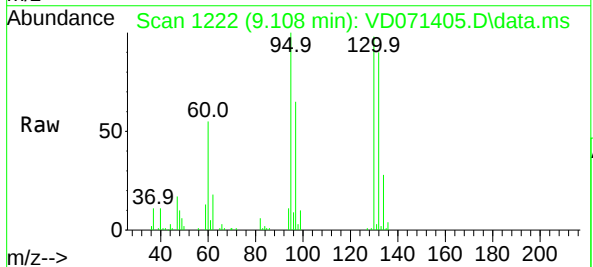
Manual Integrations
APPROVED

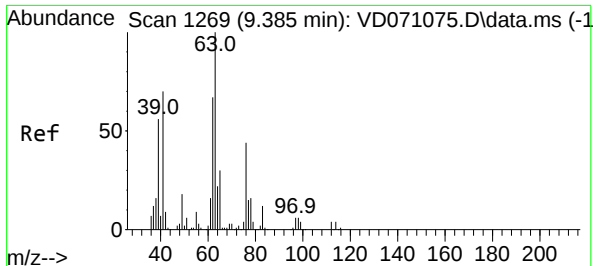
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#44
Trichloroethene
Concen: 20.683 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.001 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

Tgt Ion:130 Resp: 66814
Ion Ratio Lower Upper
130 100
95 102.0 0.0 193.2





#45

1,2-Dichloropropane

Concen: 21.473 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071405.D

Acq: 21 Dec 2021 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS01

Tgt Ion: 63 Resp: 68420

Ion Ratio Lower Upper

63 100

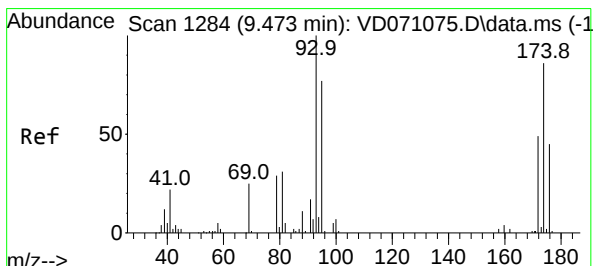
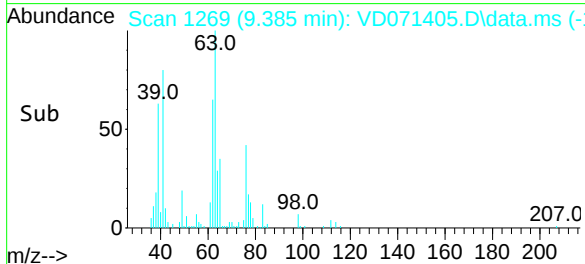
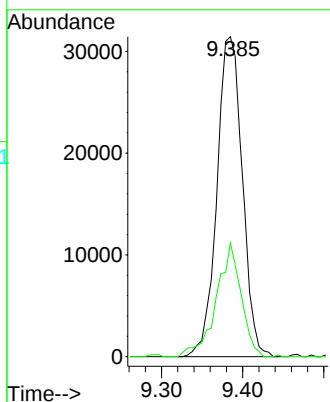
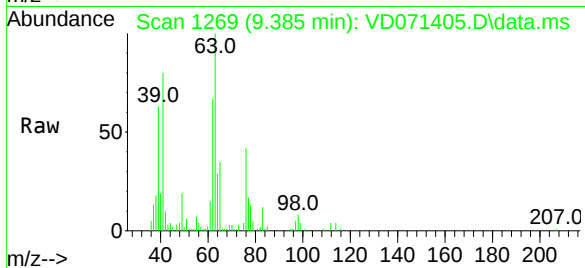
65 35.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#46

Dibromomethane

Concen: 21.132 ug/l

RT: 9.479 min Scan# 1285

Delta R.T. 0.006 min

Lab File: VD071405.D

Acq: 21 Dec 2021 11:31

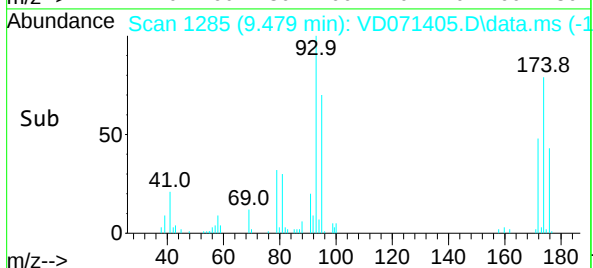
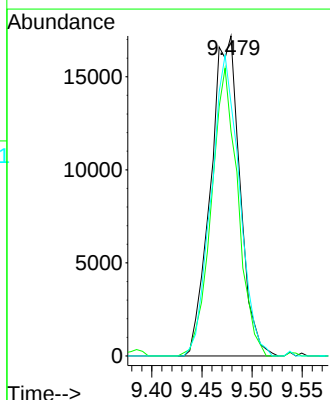
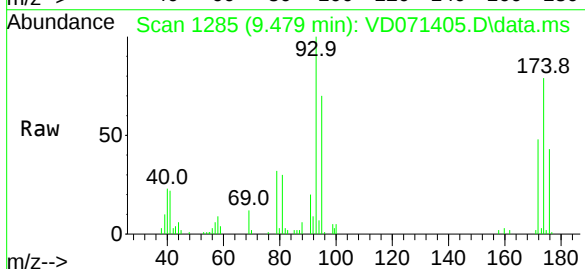
Tgt Ion: 93 Resp: 34933

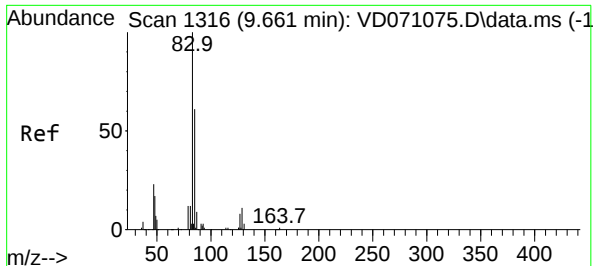
Ion Ratio Lower Upper

93 100

95 81.2 66.1 99.1

174 90.4 78.6 117.8





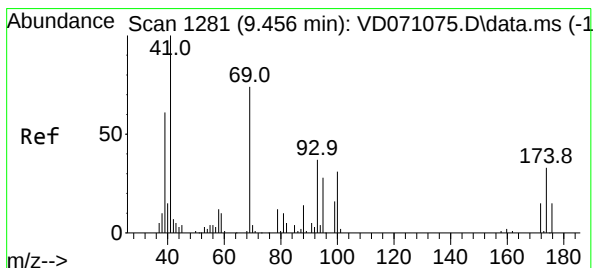
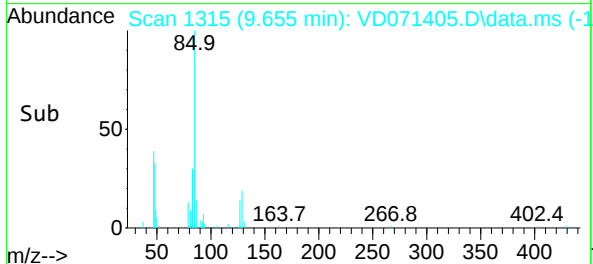
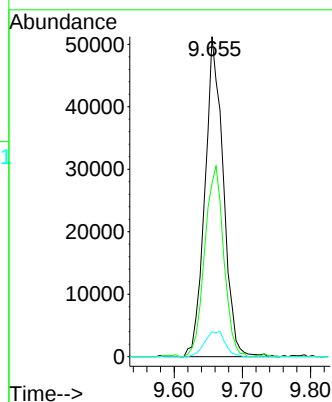
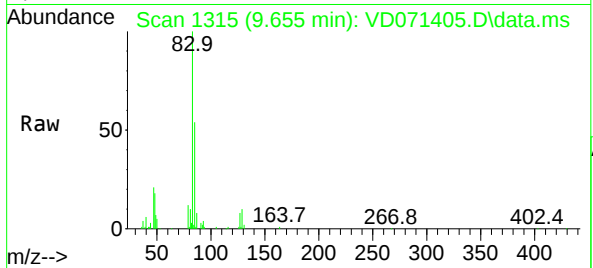
#47
Bromodichloromethane
Concen: 21.978 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01

Tgt Ion: 83 Resp: 9608
Ion Ratio Lower Upper
83 100
85 54.2 50.0 75.0
127 7.8 7.3 10.9

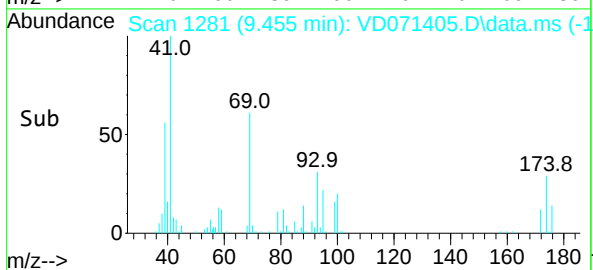
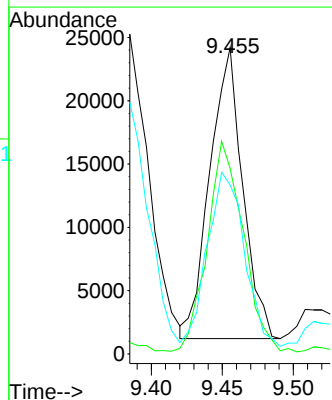
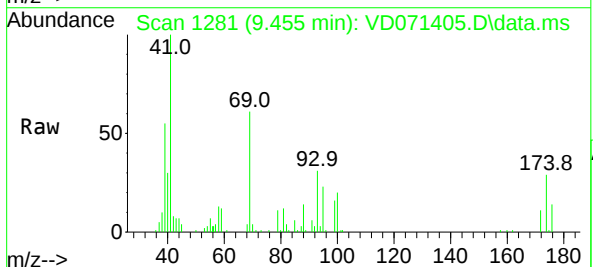
Manual Integrations
APPROVED

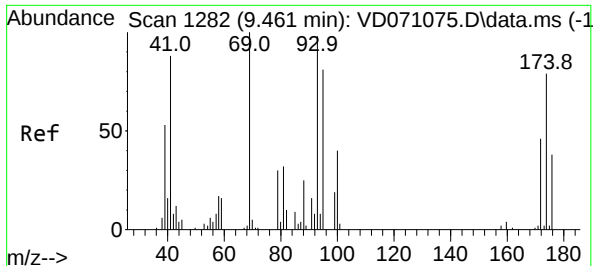
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#48
Methyl methacrylate
Concen: 19.599 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.001 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

Tgt Ion: 41 Resp: 36963
Ion Ratio Lower Upper
41 100
69 81.6 69.8 104.6
39 67.4 35.6 53.4





#49

1,4-Dioxane

Concen: 460.726 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VD071405.D

Acq: 21 Dec 2021 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS01

Tgt Ion: 88 Resp: 7352

Ion Ratio Lower Upper

88 100

43 29.9 28.9 43.3

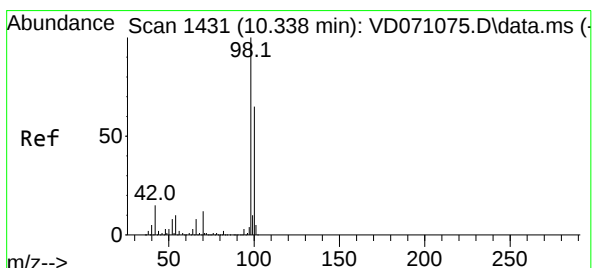
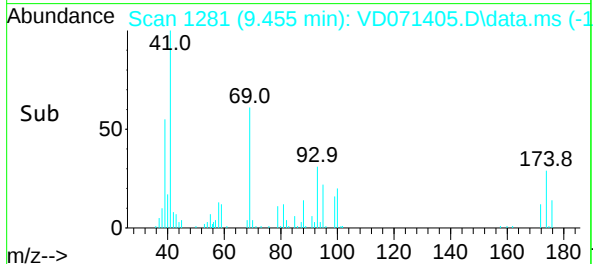
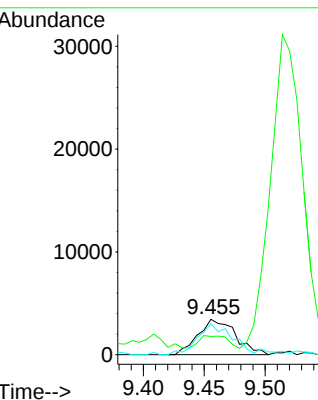
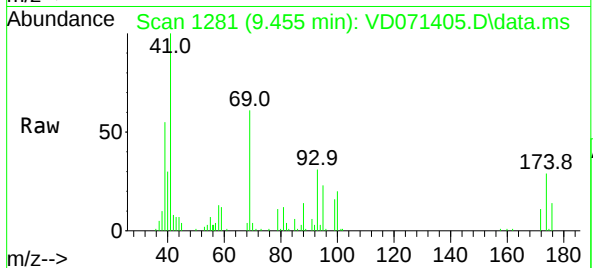
58 79.8 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#50

Toluene-d8

Concen: 49.982 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071405.D

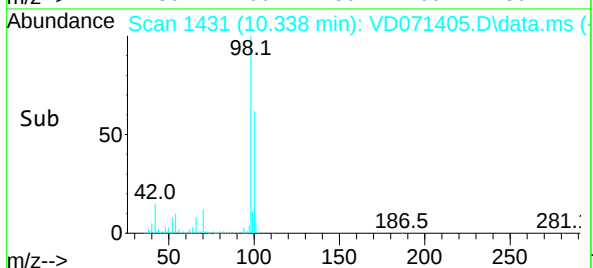
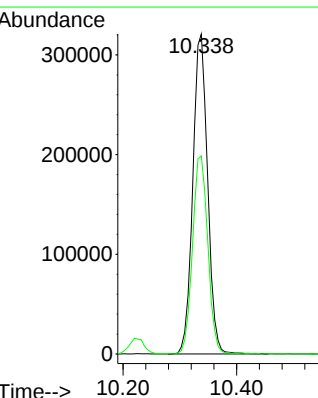
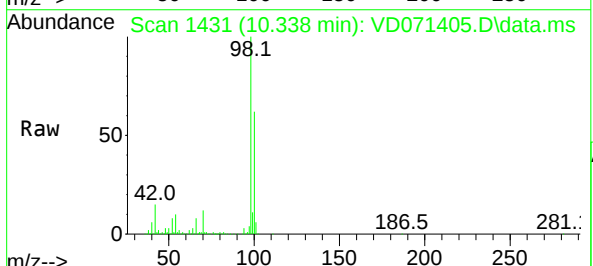
Acq: 21 Dec 2021 11:31

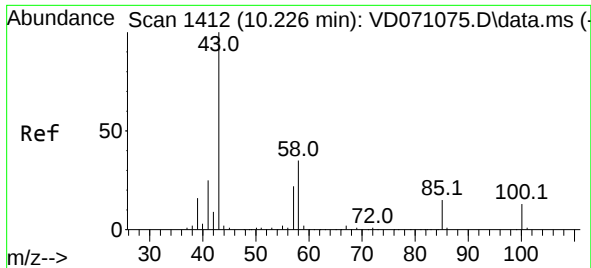
Tgt Ion: 98 Resp: 578045

Ion Ratio Lower Upper

98 100

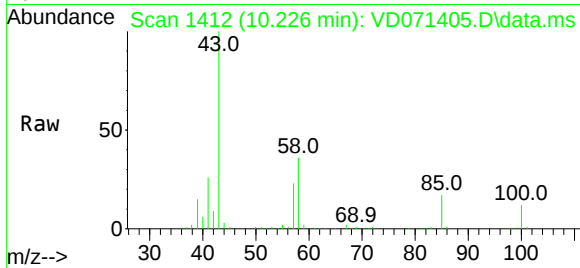
100 64.0 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 120.275 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

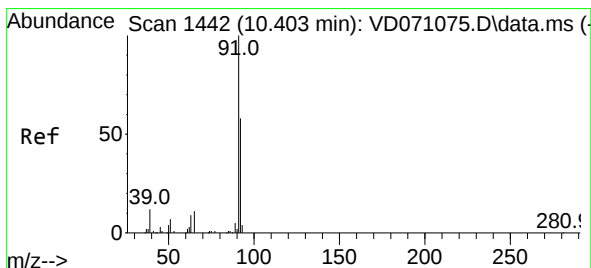
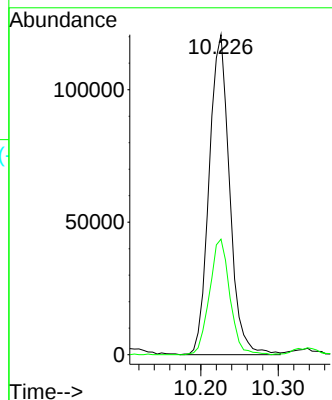
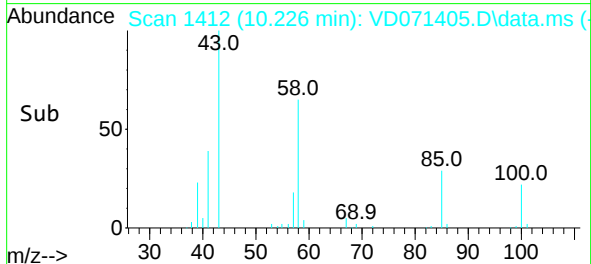
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



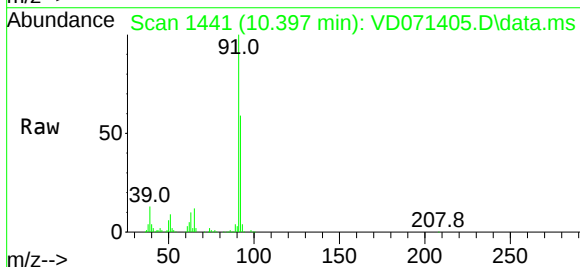
Tgt Ion: 43 Resp: 221933
Ion Ratio Lower Upper
43 100
58 35.7 33.1 49.7

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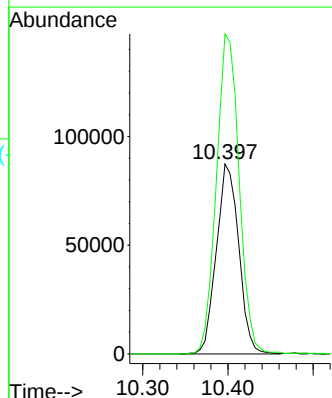
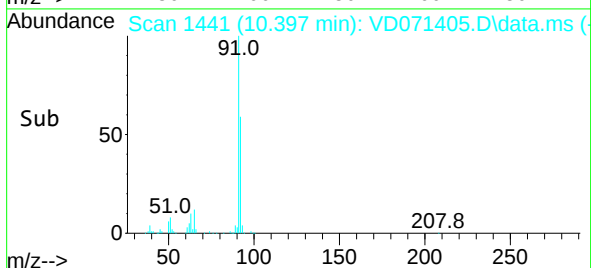
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

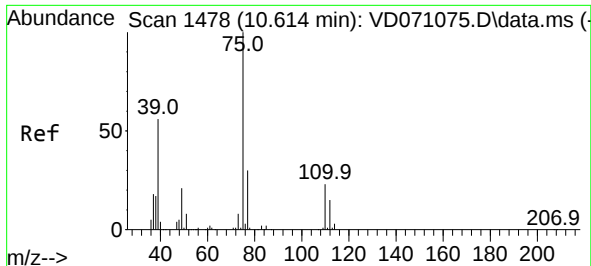


#52
Toluene
Concen: 20.782 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31



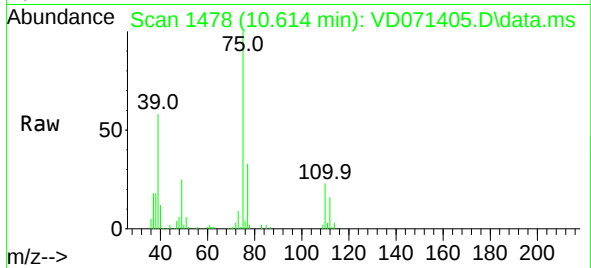
Tgt Ion: 92 Resp: 159760
Ion Ratio Lower Upper
92 100
91 171.5 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 21.252 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

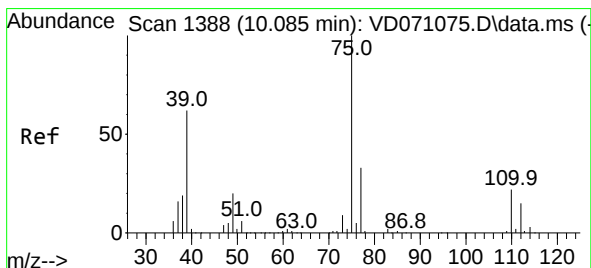
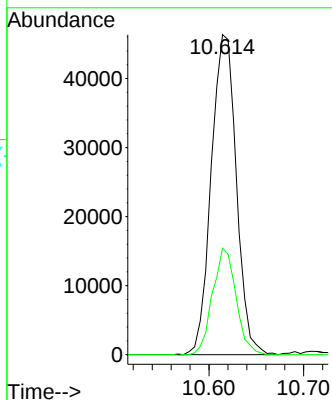
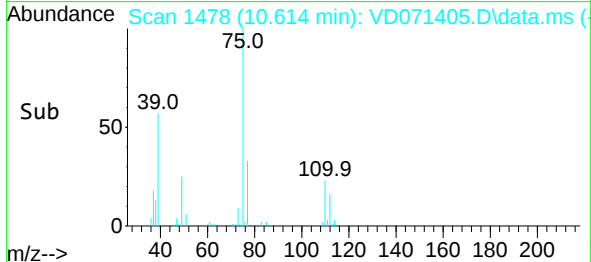
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01



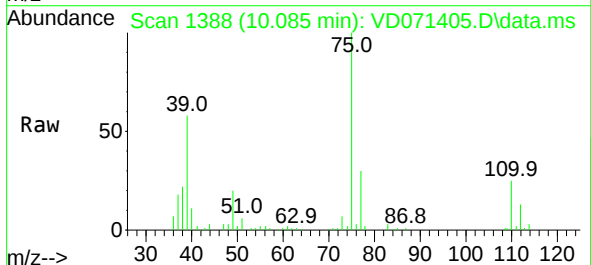
Tgt Ion: 75 Resp: 85420
Ion Ratio Lower Upper
75 100
77 33.3 24.5 36.7

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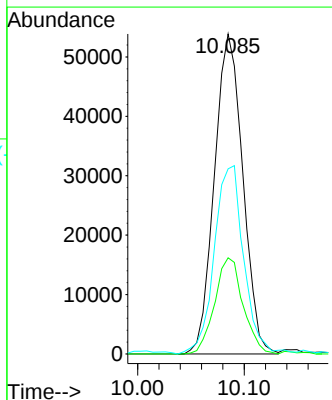
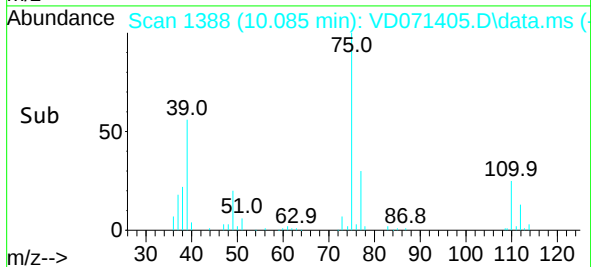
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

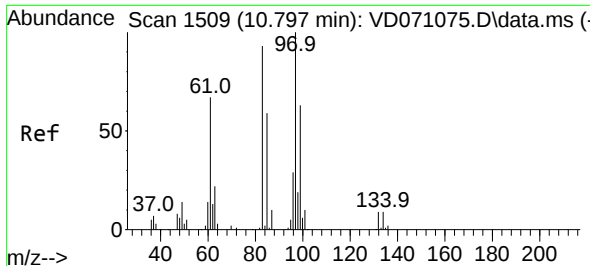


#54
cis-1,3-Dichloropropene
Concen: 20.882 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31



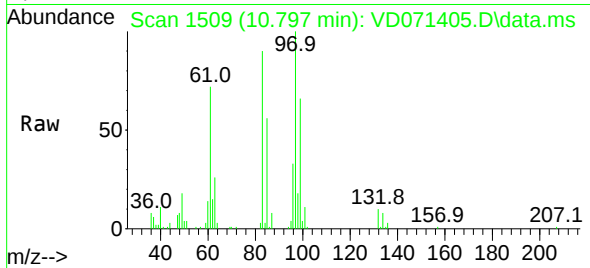
Tgt Ion: 75 Resp: 99701
Ion Ratio Lower Upper
75 100
77 30.0 25.0 37.6
39 57.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 22.175 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

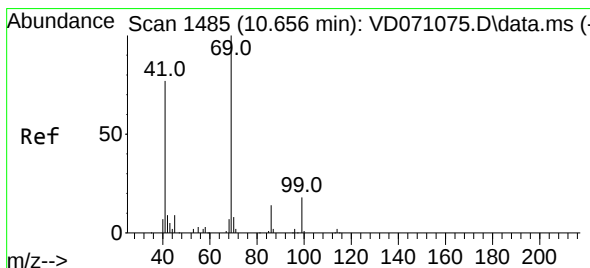
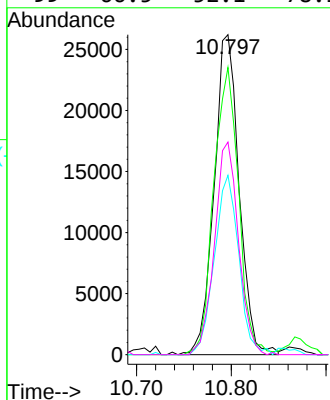
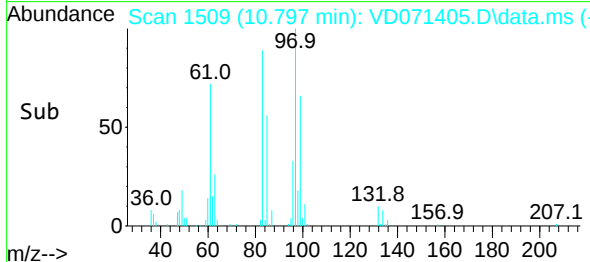
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01



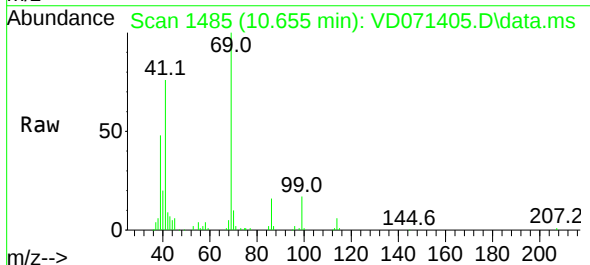
Tgt Ion: 97 Resp: 4808
Ion Ratio Lower Upper
97 100
83 89.7 65.2 97.8
85 56.1 43.4 65.0
99 66.5 52.1 78.1

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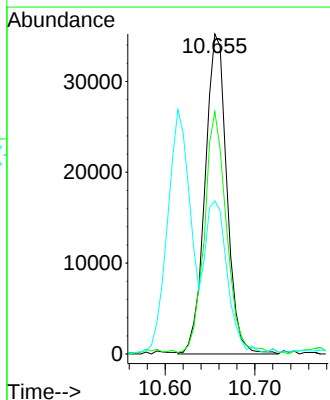
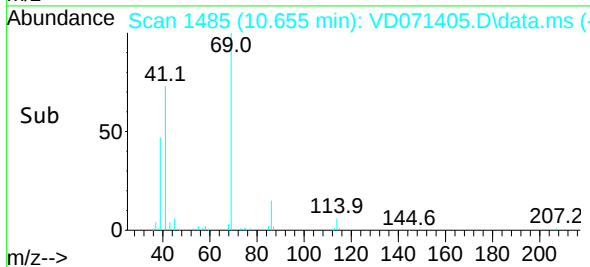
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

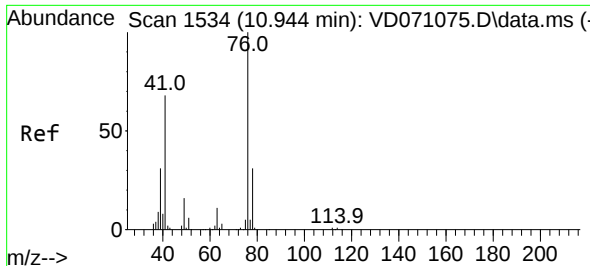


#56
Ethyl methacrylate
Concen: 22.708 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31



Tgt Ion: 69 Resp: 59340
Ion Ratio Lower Upper
69 100
41 78.0 50.2 75.2#
39 47.8 19.8 29.8#





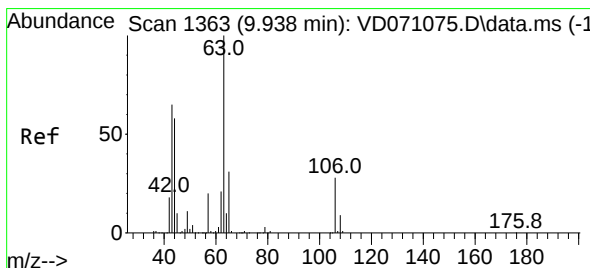
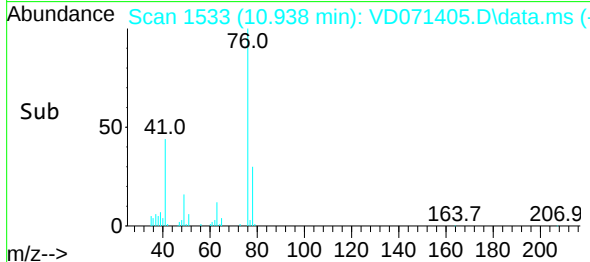
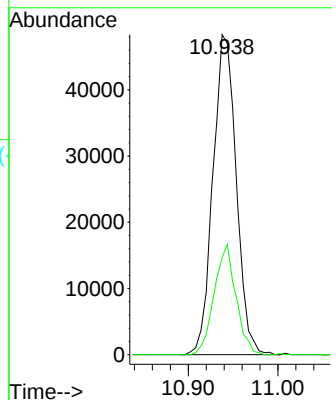
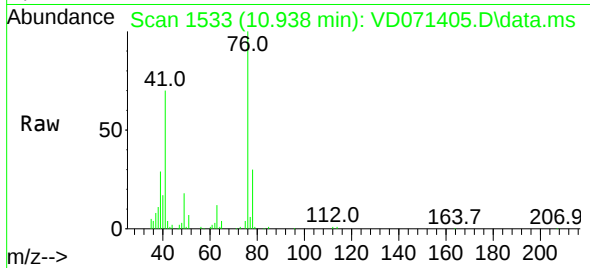
#57
1,3-Dichloropropane
Concen: 22.872 ug/l
RT: 10.938 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01

Tgt Ion: 76 Resp: 8713
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

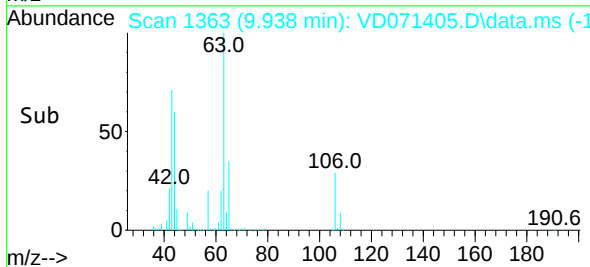
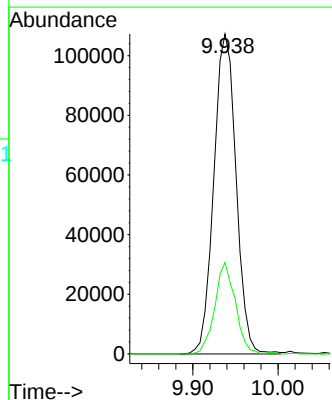
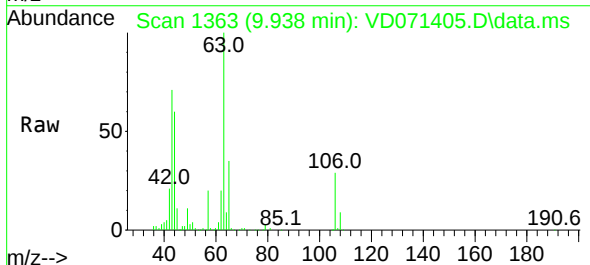
Manual Integrations
APPROVED

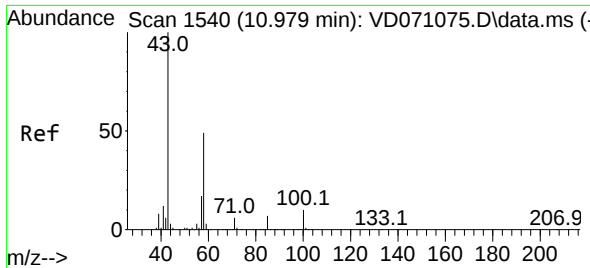
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#58
2-Chloroethyl Vinyl ether
Concen: 131.964 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

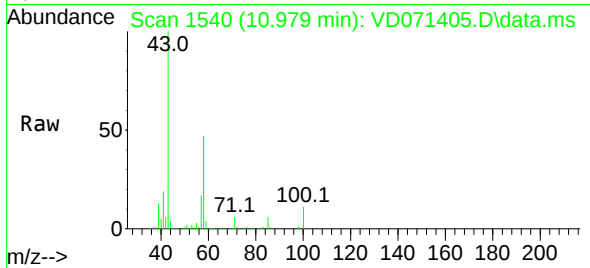
Tgt Ion: 63 Resp: 194739
Ion Ratio Lower Upper
63 100
106 26.4 21.0 31.4





#59
2-Hexanone
Concen: 114.758 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

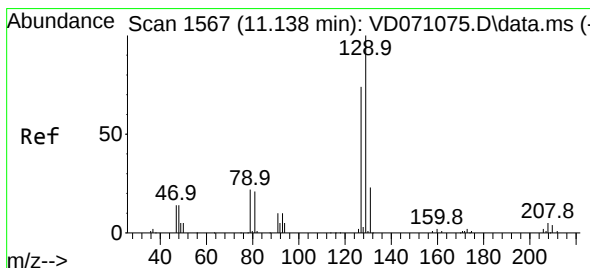
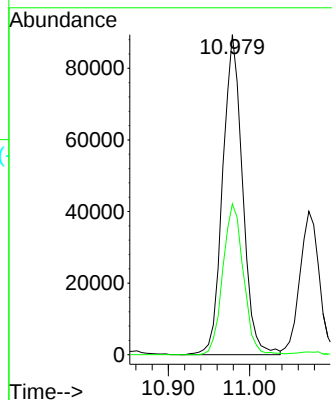
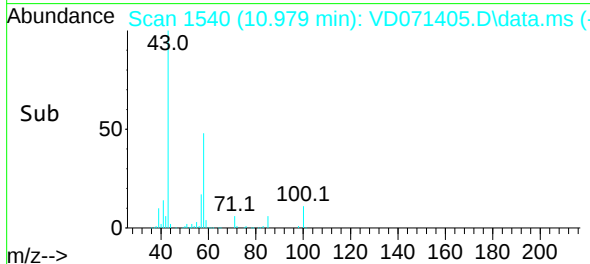
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



Tgt Ion: 43 Resp: 15233
Ion Ratio Lower Upper
43 100
58 48.6 28.7 86.1

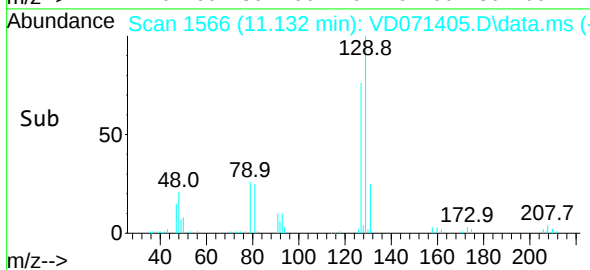
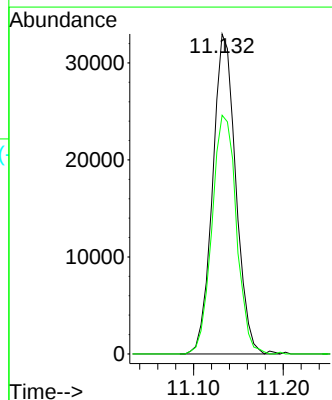
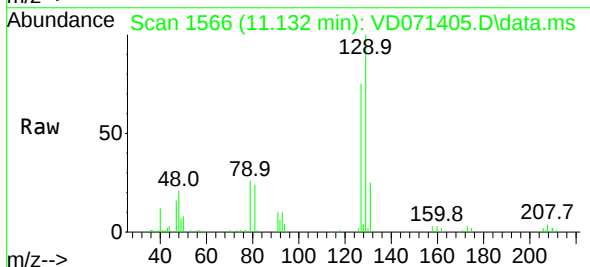
Manual Integrations
APPROVED

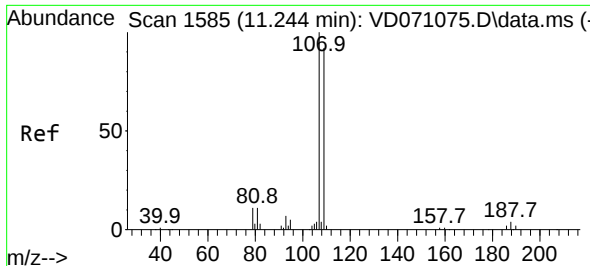
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#60
Dibromochloromethane
Concen: 21.919 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

Tgt Ion:129 Resp: 59076
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.6





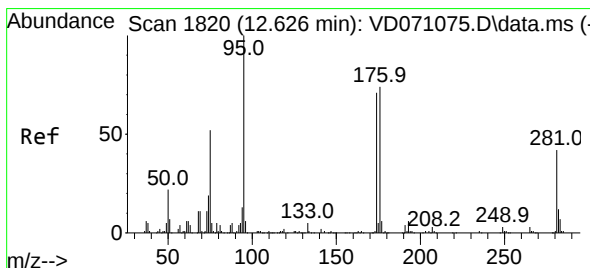
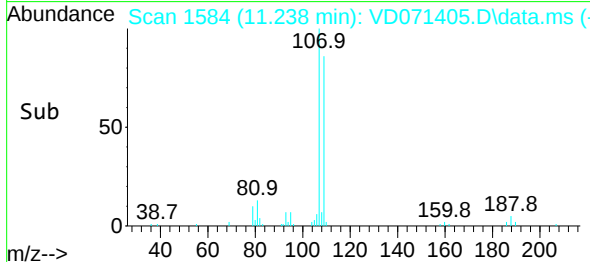
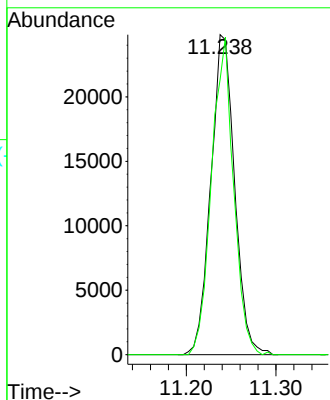
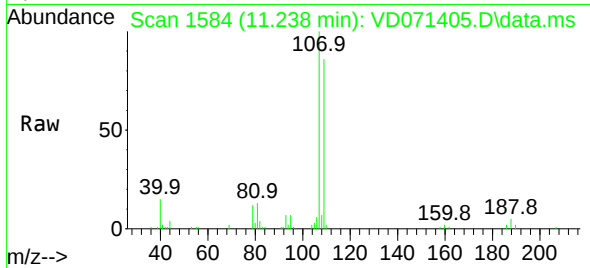
#61
1,2-Dibromoethane
Concen: 21.915 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01

Tgt Ion:107 Resp: 4564
Ion Ratio Lower Upper
107 100
109 92.1 74.6 112.0

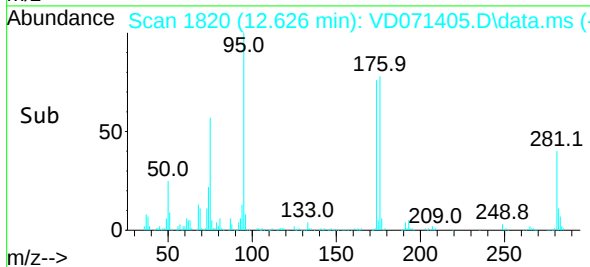
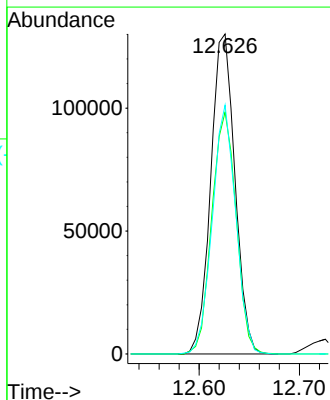
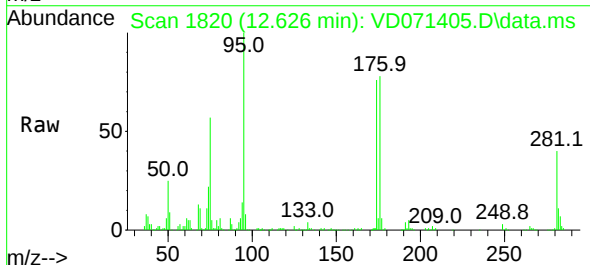
Manual Integrations
APPROVED

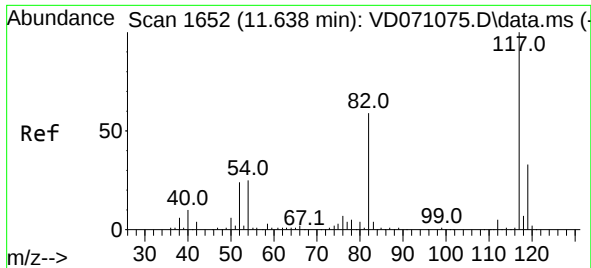
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#62
4-Bromofluorobenzene
Concen: 54.392 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

Tgt Ion: 95 Resp: 218052
Ion Ratio Lower Upper
95 100
174 75.8 0.0 159.4
176 75.4 0.0 154.0





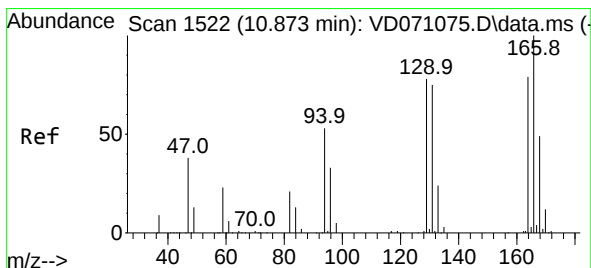
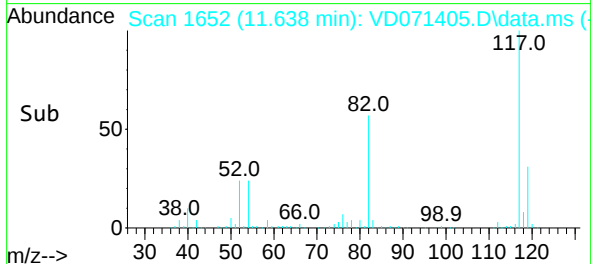
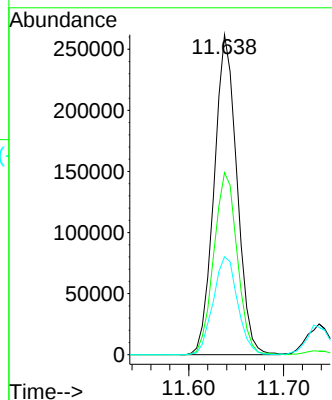
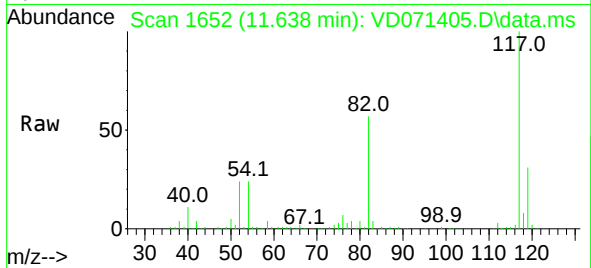
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01

Tgt Ion:117 Resp: 43851
Ion Ratio Lower Upper
117 100
82 56.9 44.7 67.1
119 30.6 26.2 39.4

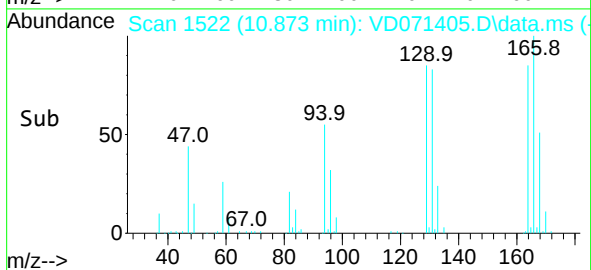
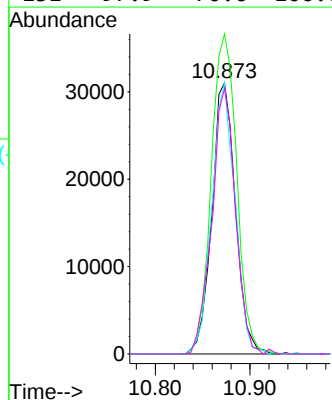
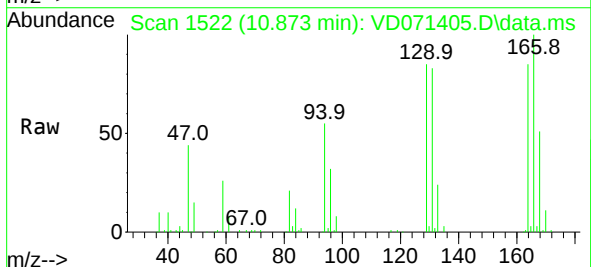
Manual Integrations
APPROVED

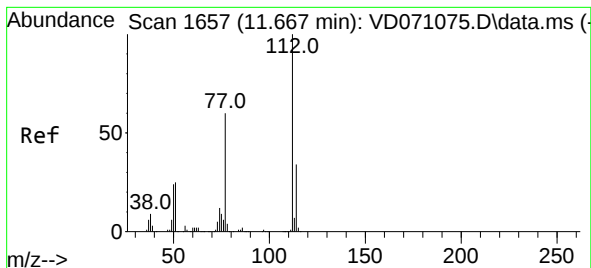
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#64
Tetrachloroethene
Concen: 19.281 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

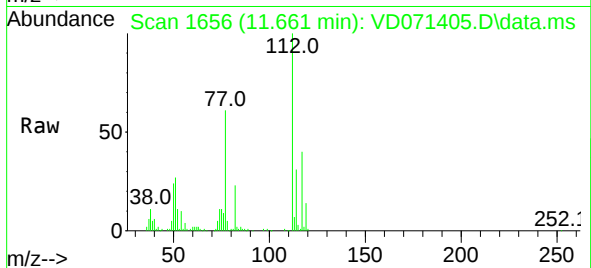
Tgt Ion:164 Resp: 53675
Ion Ratio Lower Upper
164 100
166 118.1 102.6 153.8
129 99.9 75.4 113.0
131 97.9 70.6 106.0





#65
Chlorobenzene
Concen: 20.768 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

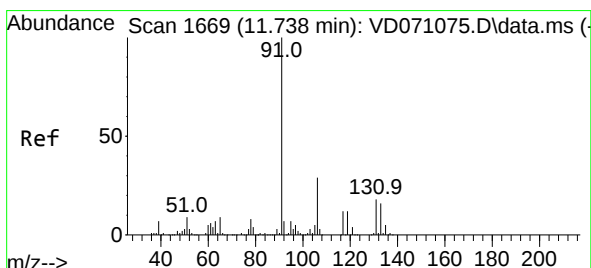
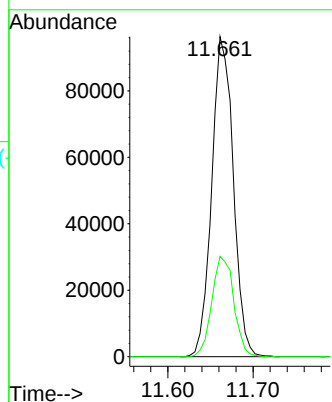
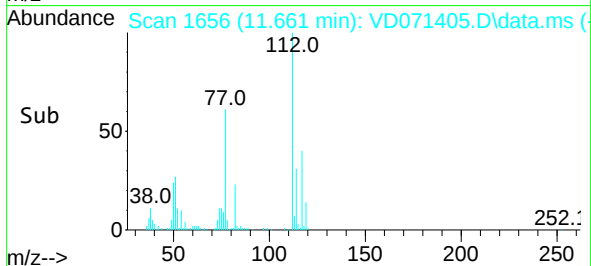
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01



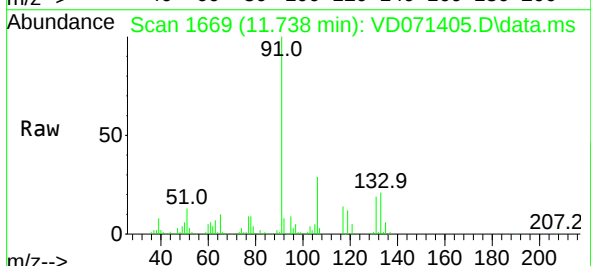
Tgt Ion:112 Resp: 168974
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0

Manual Integrations
APPROVED

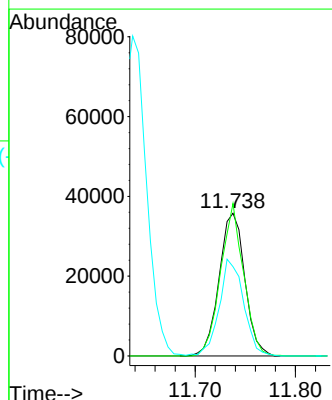
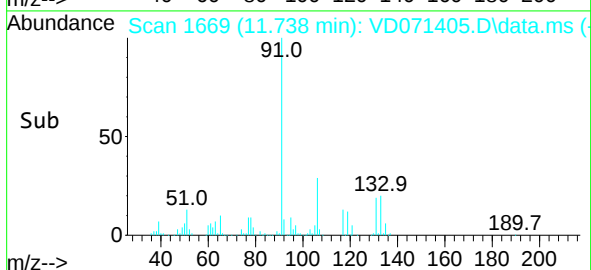
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

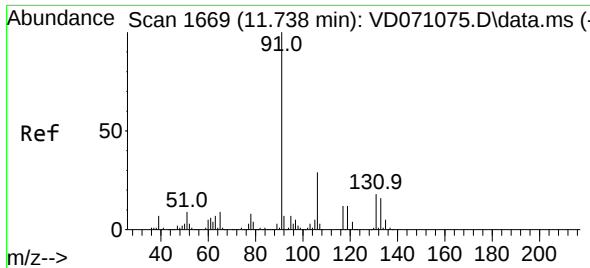


#66
1,1,1,2-Tetrachloroethane
Concen: 21.421 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31



Tgt Ion:131 Resp: 63636
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.0
119 64.3 33.5 100.4





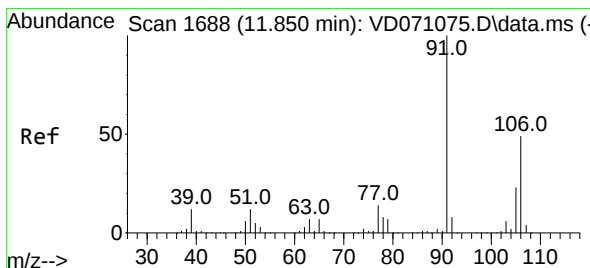
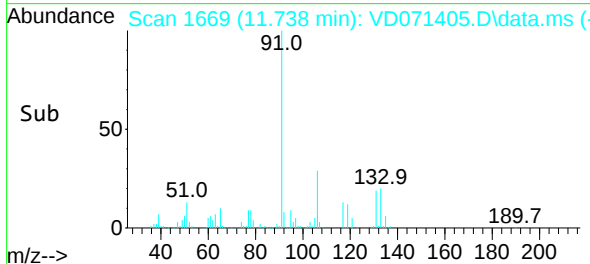
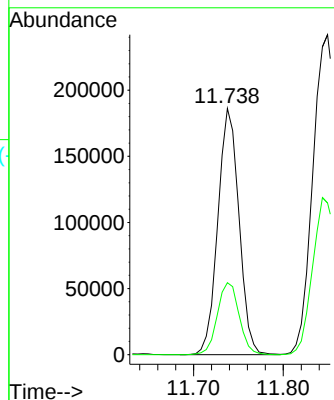
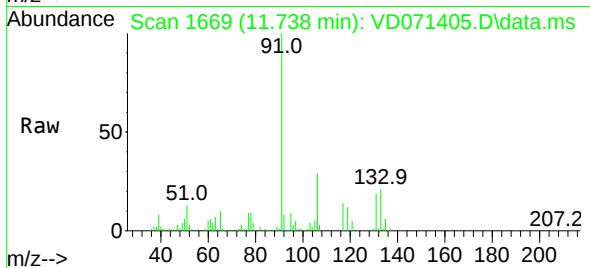
#67
Ethyl Benzene
Concen: 19.877 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01

Tgt Ion: 91 Resp: 304449
Ion Ratio Lower Upper
91 100
106 29.3 24.6 36.8

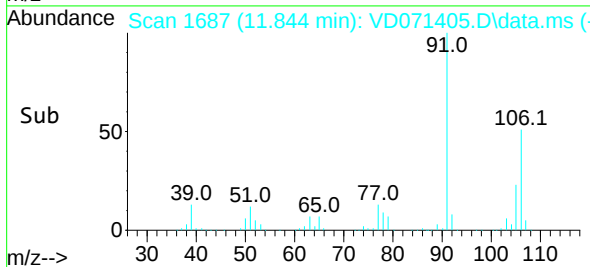
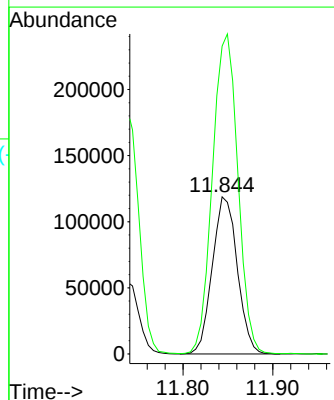
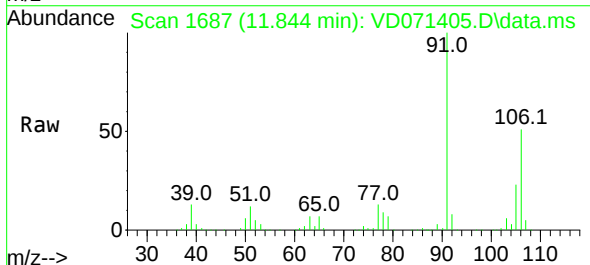
Manual Integrations
APPROVED

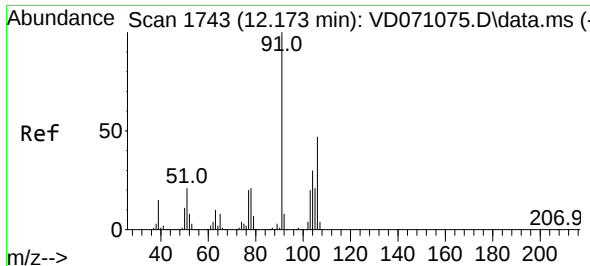
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#68
m/p-Xylenes
Concen: 39.762 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

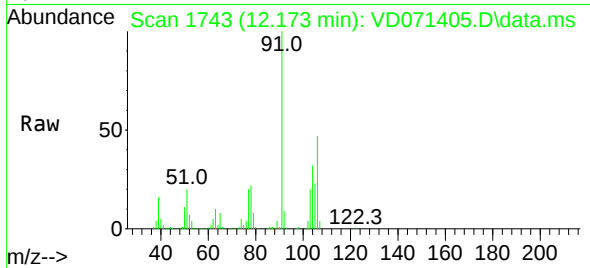
Tgt Ion:106 Resp: 229929
Ion Ratio Lower Upper
106 100
91 206.6 160.1 240.1





#69
o-Xylene
Concen: 19.745 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

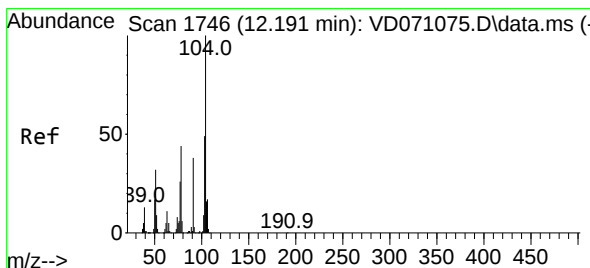
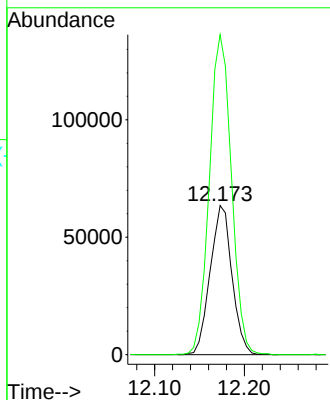
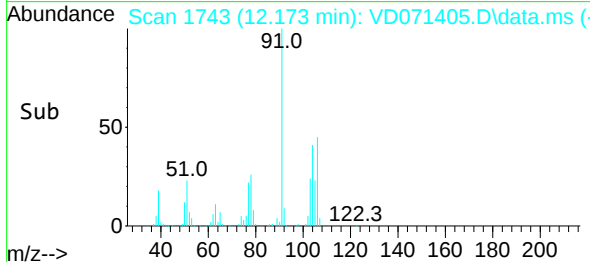
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01



Tgt Ion:106 Resp: 107310
Ion Ratio Lower Upper
106 100
91 217.2 106.3 319.0

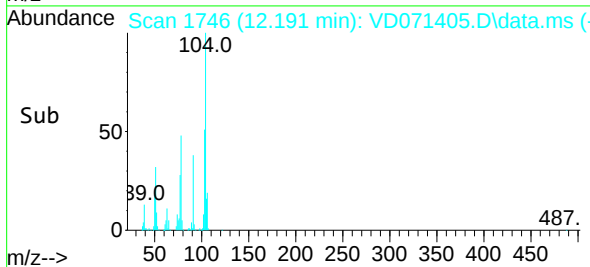
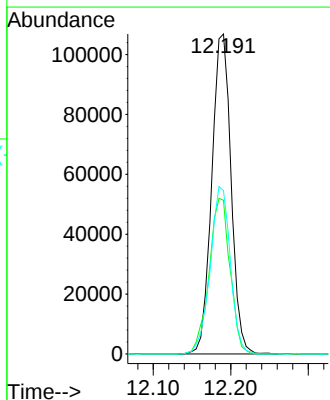
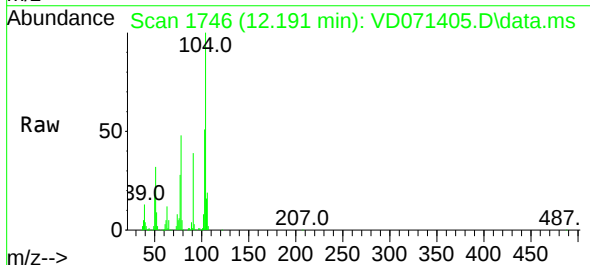
Manual Integrations
APPROVED

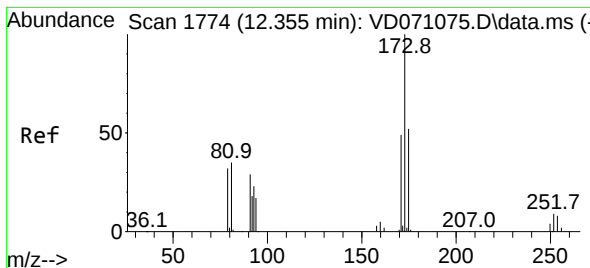
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#70
Styrene
Concen: 20.180 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

Tgt Ion:104 Resp: 184842
Ion Ratio Lower Upper
104 100
78 52.9 39.4 59.0
103 54.5 43.4 65.0





#71

Bromoform

Concen: 22.569 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VD071405.D

Acq: 21 Dec 2021 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBSD01

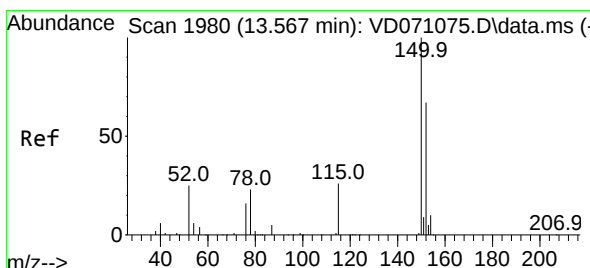
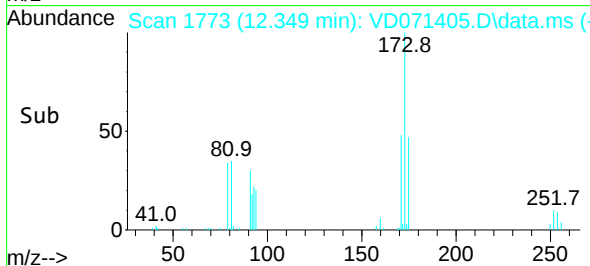
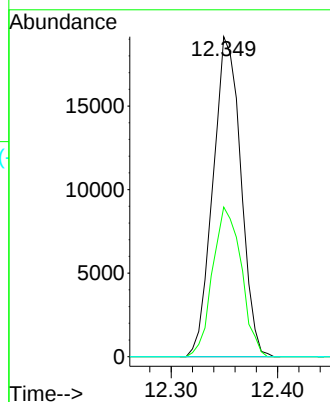
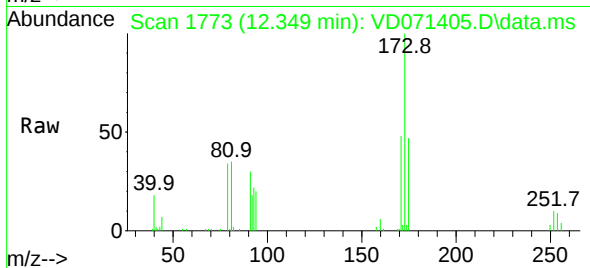
Tgt Ion:	173	Resp:	34734
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.1	72.2
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

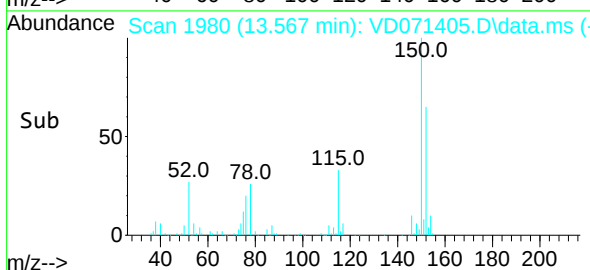
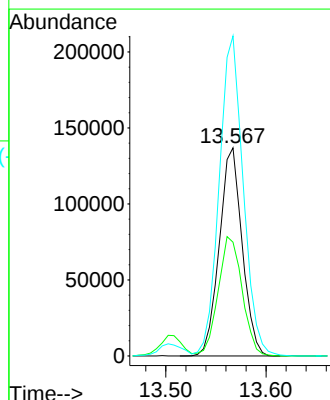
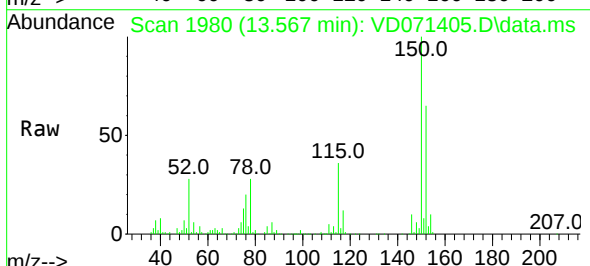
RT: 13.567 min Scan# 1980

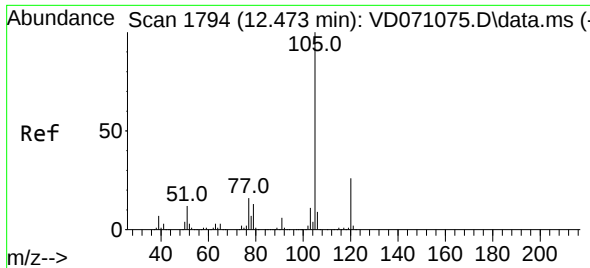
Delta R.T. -0.000 min

Lab File: VD071405.D

Acq: 21 Dec 2021 11:31

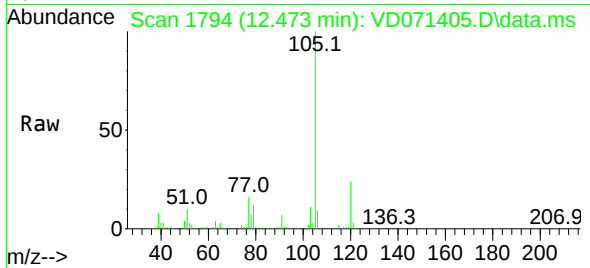
Tgt Ion:	152	Resp:	216418
Ion Ratio	Lower	Upper	
152	100		
115	60.3	29.8	89.3
150	161.6	0.0	349.2





#73
Isopropylbenzene
Concen: 18.759 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

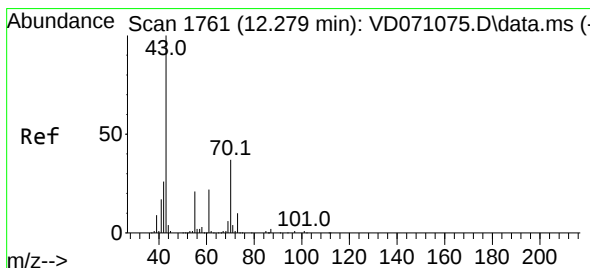
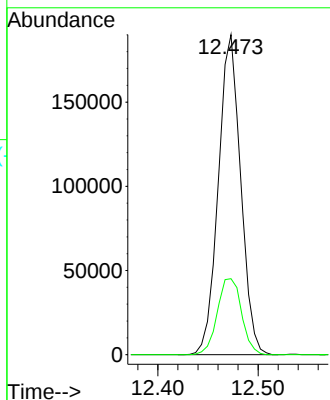
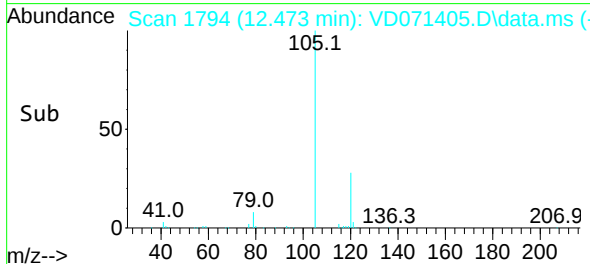
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01



Tgt Ion:105 Resp: 293962
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5

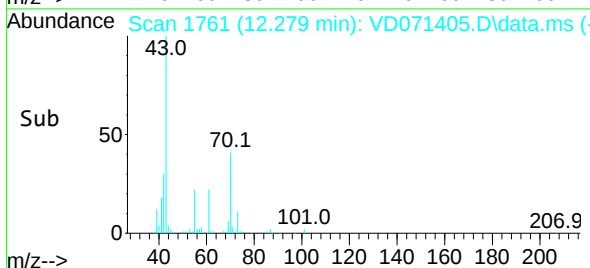
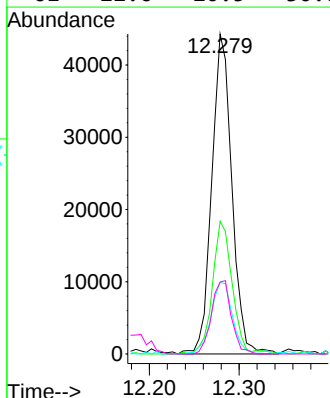
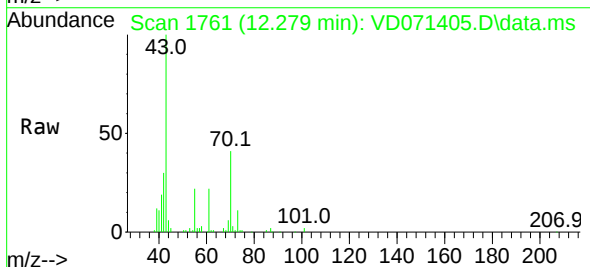
Manual Integrations
APPROVED

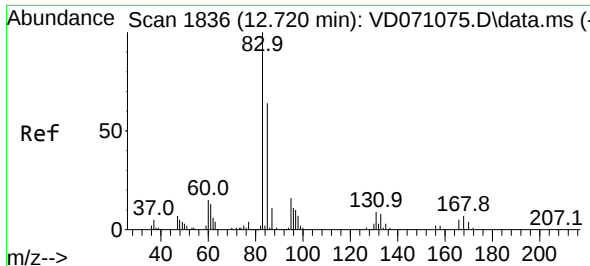
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#74
N-ethyl acetate
Concen: 19.916 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

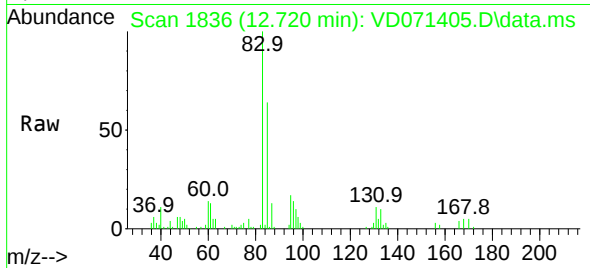
Tgt Ion: 43 Resp: 68836
Ion Ratio Lower Upper
43 100
70 40.2 36.6 55.0
55 24.4 22.5 33.7
61 22.6 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.190 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

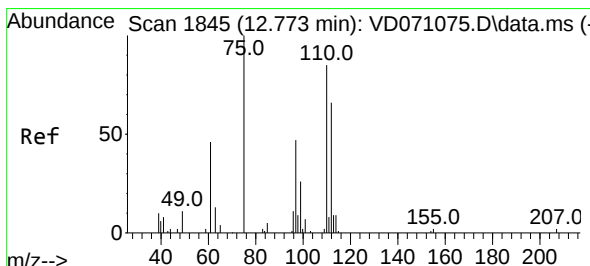
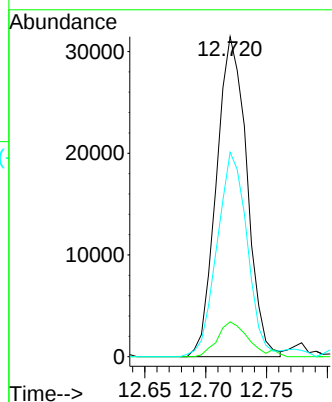
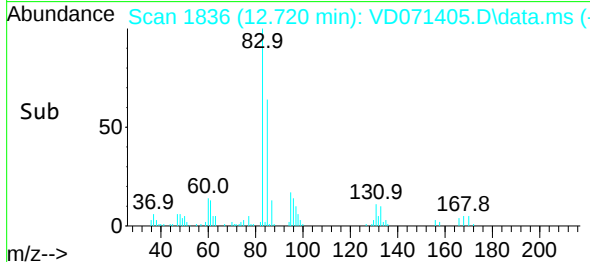
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01



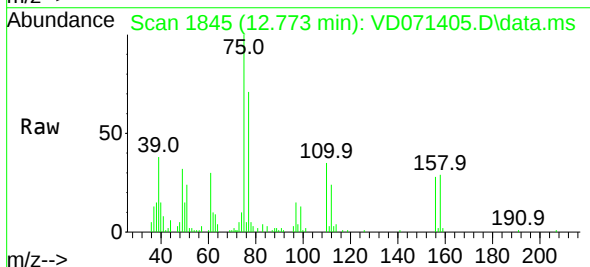
Tgt Ion: 83 Resp: 54684
Ion Ratio Lower Upper
83 100
131 11.3 4.9 14.7
85 63.3 32.0 96.2

Manual Integrations
APPROVED

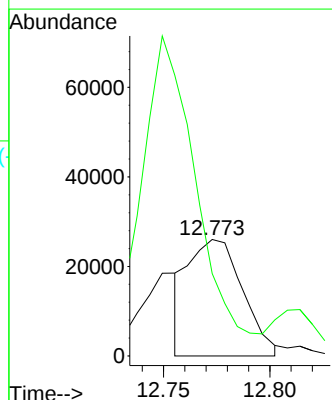
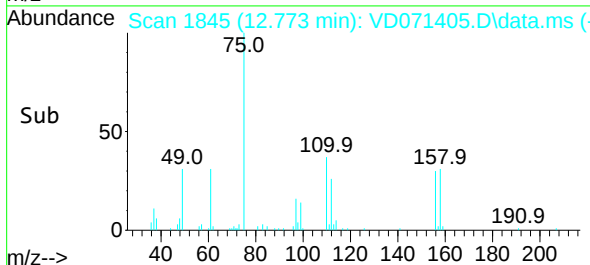
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

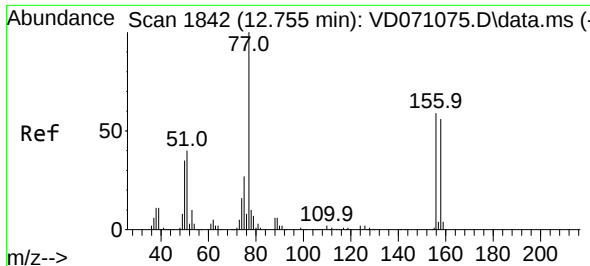


#76
1,2,3-Trichloropropane
Concen: 22.434 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31



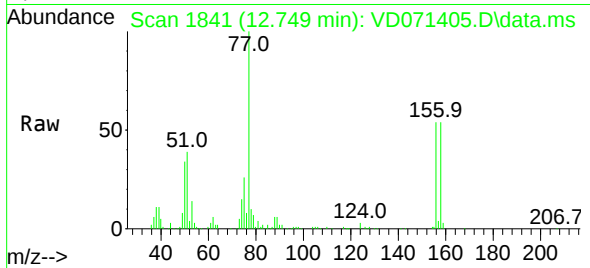
Tgt Ion: 75 Resp: 46258
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





#77
Bromobenzene
Concen: 19.501 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

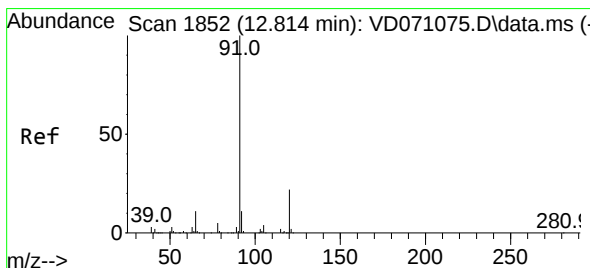
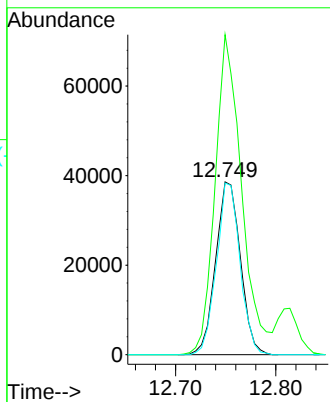
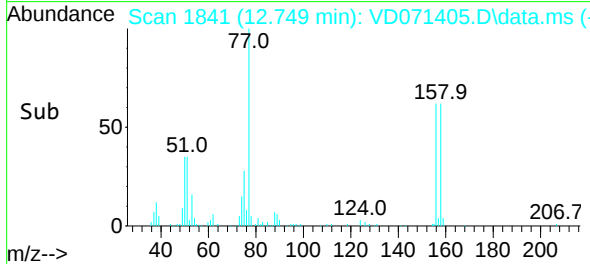
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



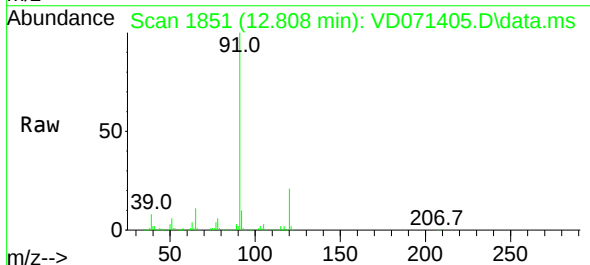
Tgt Ion:156 Resp: 66192
Ion Ratio Lower Upper
156 100
77 198.8 96.6 289.8
158 94.4 49.1 147.4

Manual Integrations
APPROVED

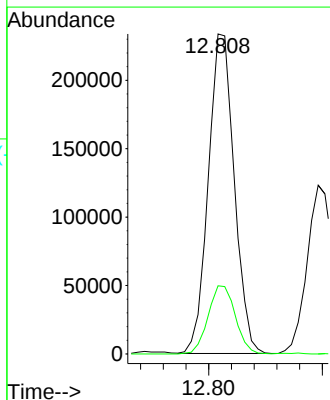
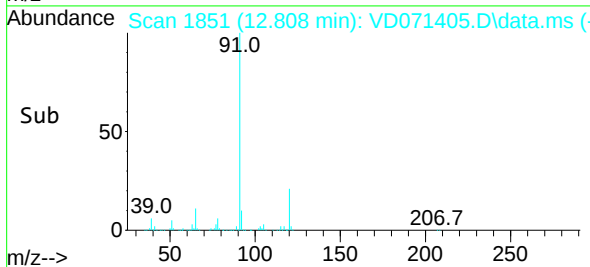
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

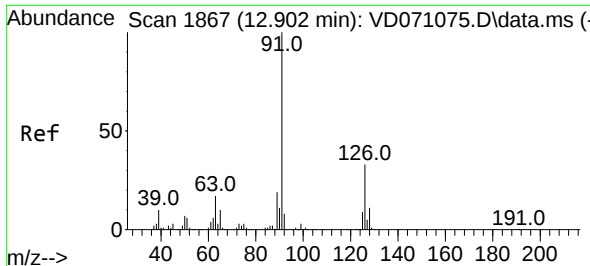


#78
n-propylbenzene
Concen: 19.010 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31



Tgt Ion: 91 Resp: 370982
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





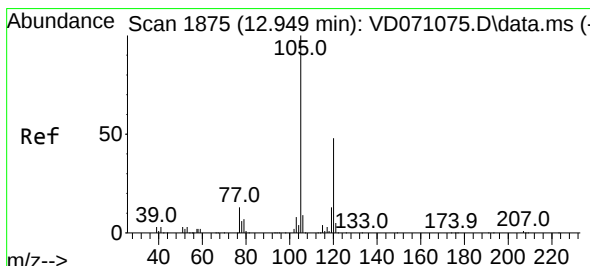
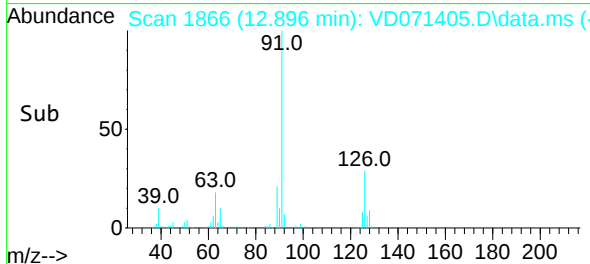
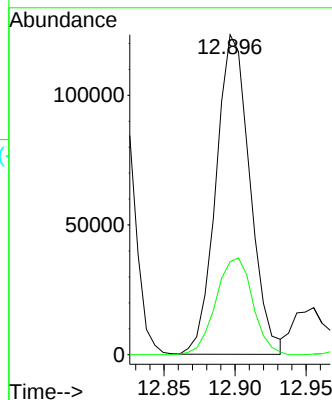
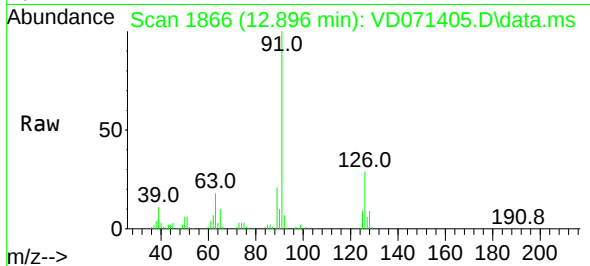
#79
2-Chlorotoluene
Concen: 18.687 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01

Tgt Ion: 91 Resp: 204678
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.7

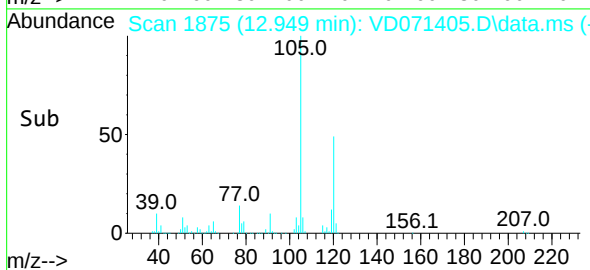
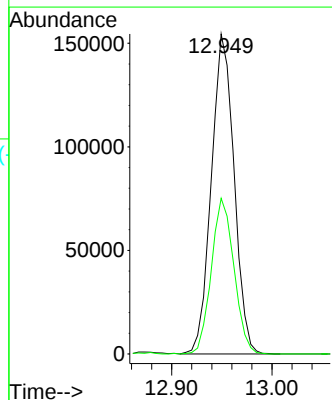
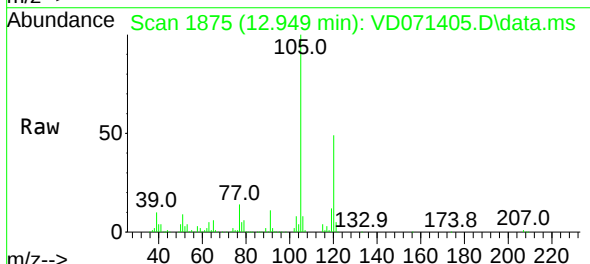
Manual Integrations
APPROVED

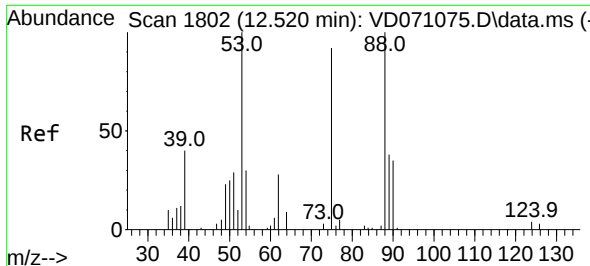
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#80
1,3,5-Trimethylbenzene
Concen: 18.820 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

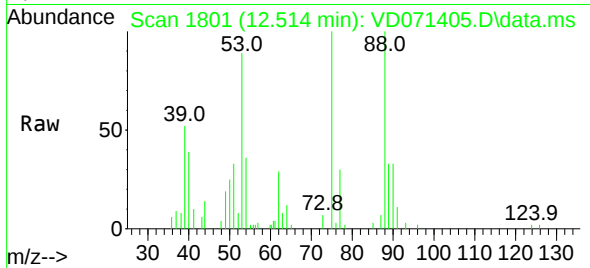
Tgt Ion:105 Resp: 243194
Ion Ratio Lower Upper
105 100
120 48.4 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 21.417 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

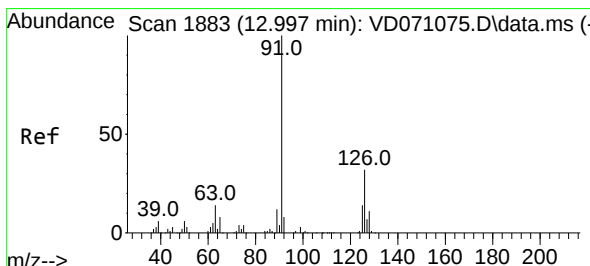
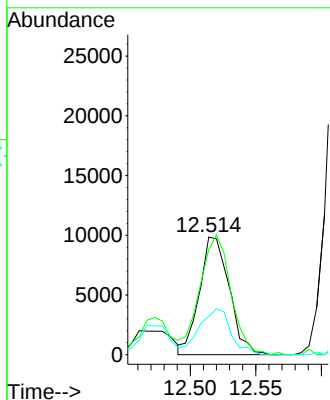
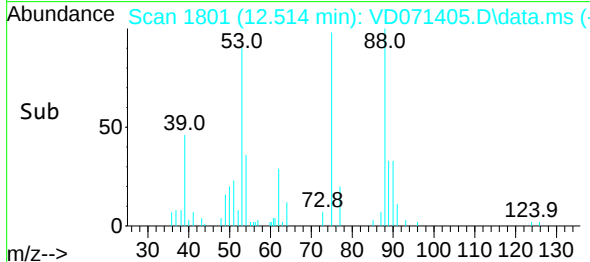
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01



Tgt Ion: 75 Resp: 15592
Ion Ratio Lower Upper
75 100
53 106.2 62.6 94.0
89 41.5 34.5 51.7

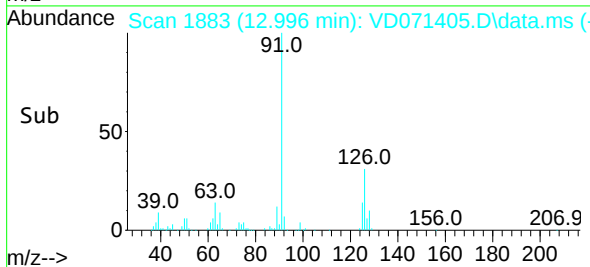
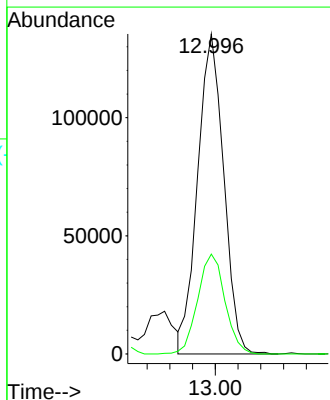
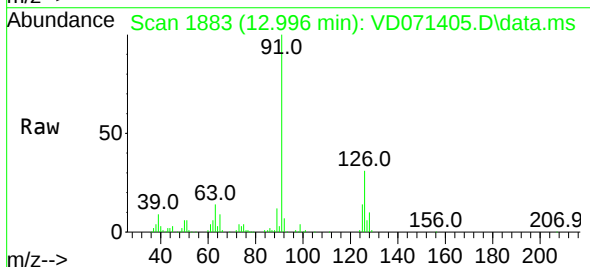
Manual Integrations
APPROVED

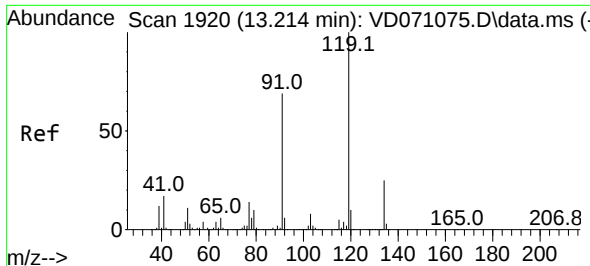
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#82
4-Chlorotoluene
Concen: 18.915 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.001 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

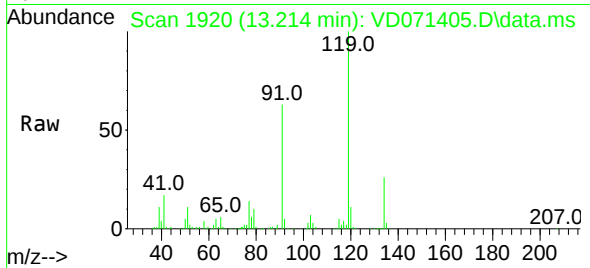
Tgt Ion: 91 Resp: 215081
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1





#83
tert-Butylbenzene
Concen: 19.103 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

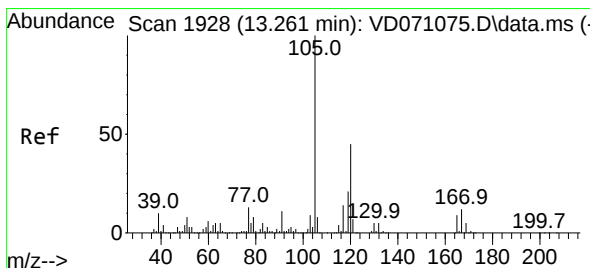
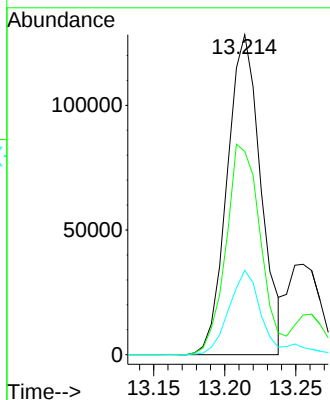
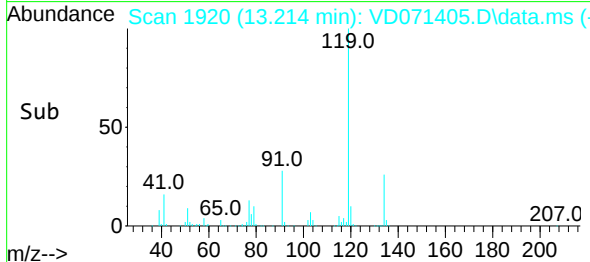
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



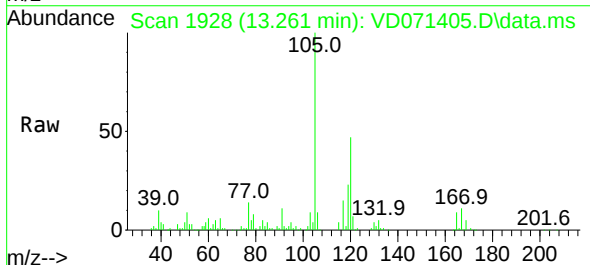
Tgt Ion:119 Resp: 211990
Ion Ratio Lower Upper
119 100
91 67.6 32.5 97.5
134 24.7 13.2 39.6

Manual Integrations
APPROVED

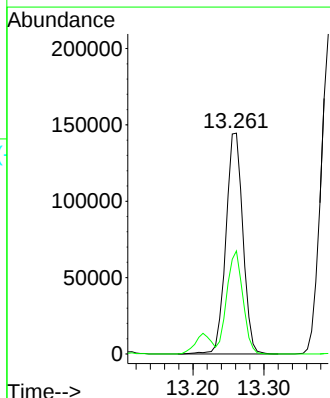
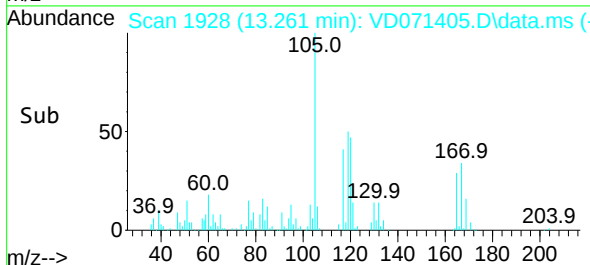
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

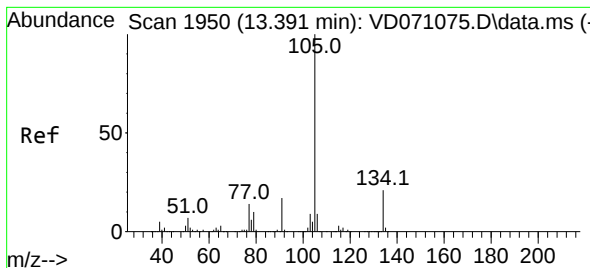


#84
1,2,4-Trimethylbenzene
Concen: 18.995 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31



Tgt Ion:105 Resp: 239635
Ion Ratio Lower Upper
105 100
120 44.1 22.9 68.7





#85

sec-Butylbenzene

Concen: 19.381 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VD071405.D

Acq: 21 Dec 2021 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS01

Tgt Ion:105 Resp: 32850

Ion Ratio Lower Upper

105 100

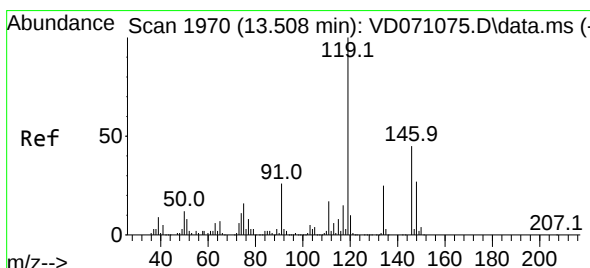
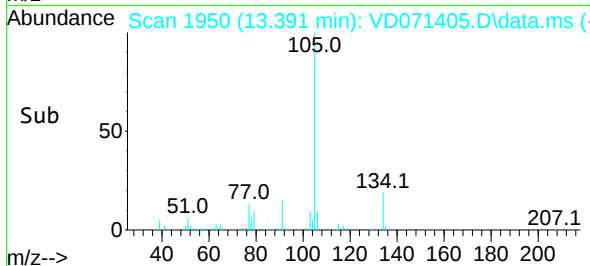
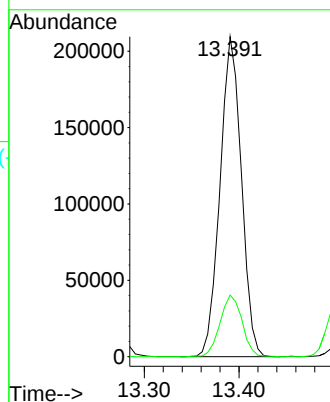
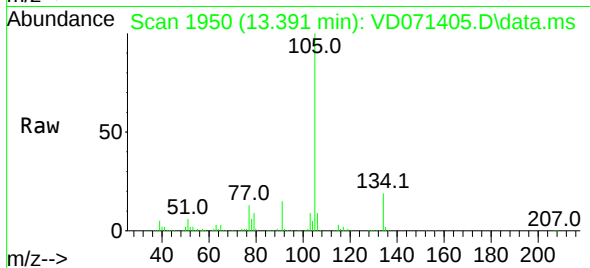
134 19.8 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#86

p-Isopropyltoluene

Concen: 18.394 ug/l

RT: 13.508 min Scan# 1970

Delta R.T. 0.000 min

Lab File: VD071405.D

Acq: 21 Dec 2021 11:31

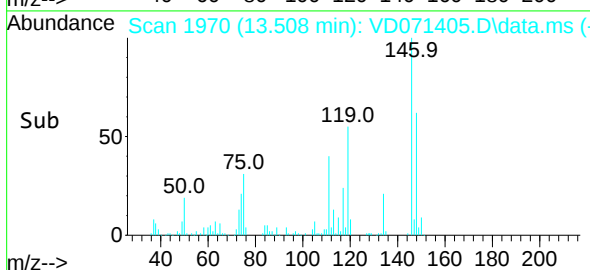
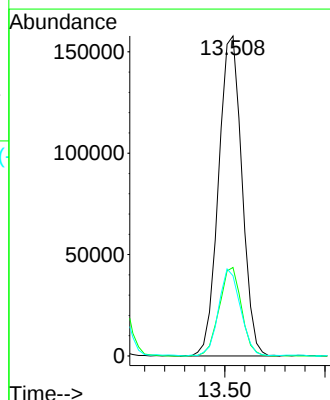
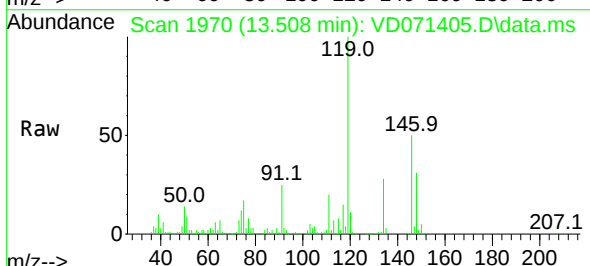
Tgt Ion:119 Resp: 254999

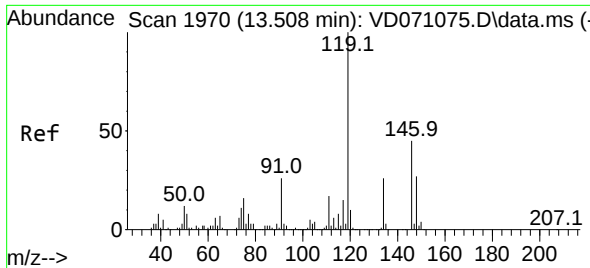
Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

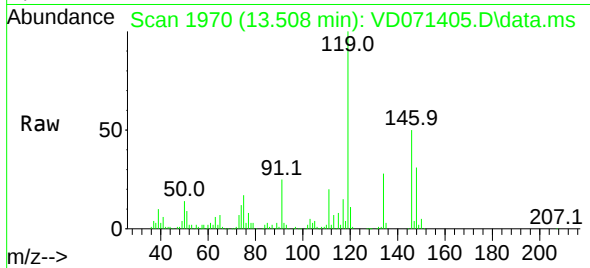
91 25.7 11.4 34.2





#87
 1,3-Dichlorobenzene
 Concen: 19.326 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071405.D
 Acq: 21 Dec 2021 11:31

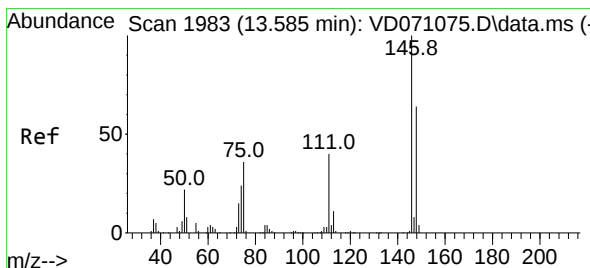
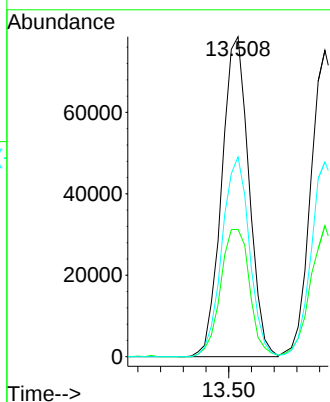
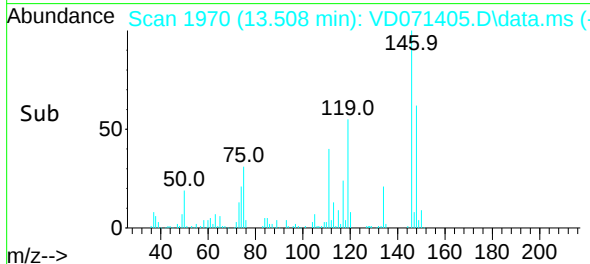
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBSD01



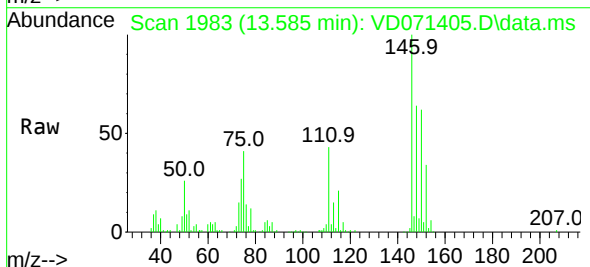
Tgt Ion:146 Resp: 130572
 Ion Ratio Lower Upper
 146 100
 111 42.6 19.8 59.4
 148 62.9 32.1 96.3

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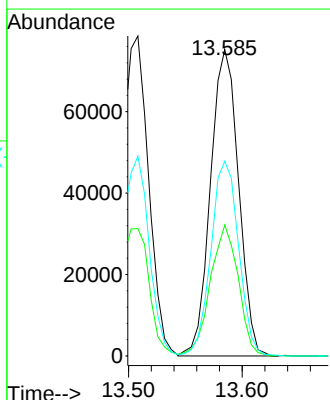
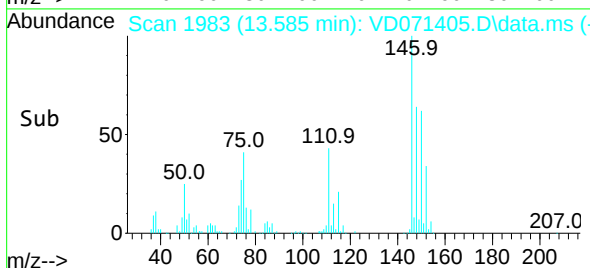
Reviewed By :Semsettin Yesilyurt 12/22/2021
 Supervised By :Amit Patel 12/24/2021

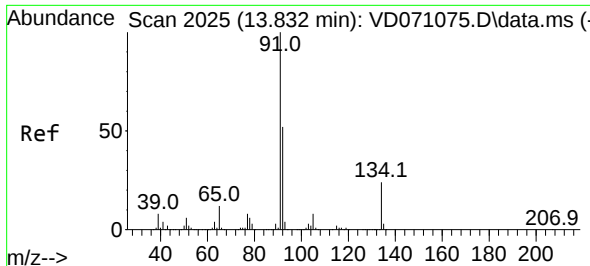


#88
 1,4-Dichlorobenzene
 Concen: 19.314 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VD071405.D
 Acq: 21 Dec 2021 11:31



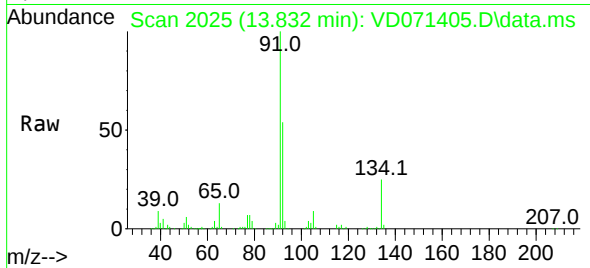
Tgt Ion:146 Resp: 129291
 Ion Ratio Lower Upper
 146 100
 111 42.6 19.6 58.8
 148 62.9 31.5 94.5





#89
n-Butylbenzene
Concen: 19.166 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

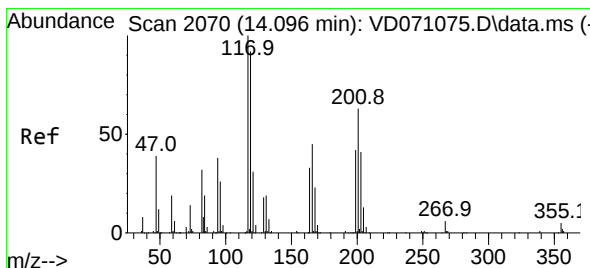
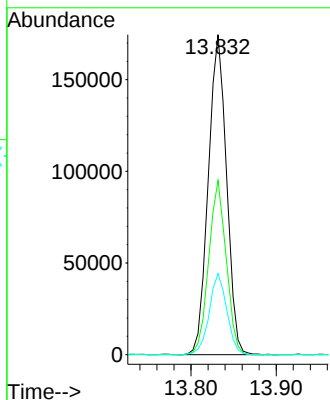
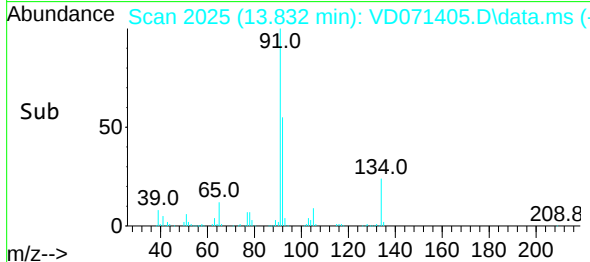
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



Tgt Ion: 91 Resp: 259372
Ion Ratio Lower Upper
91 100
92 52.2 27.3 81.9
134 24.5 12.3 36.9

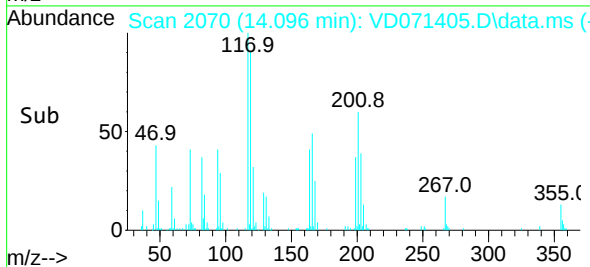
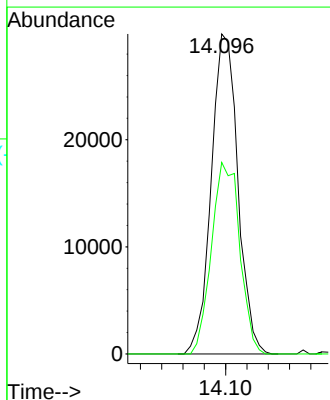
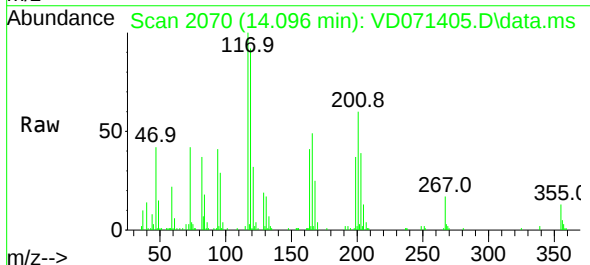
Manual Integrations
APPROVED

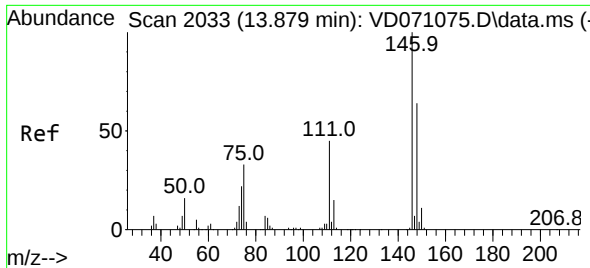
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021



#90
Hexachloroethane
Concen: 19.709 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

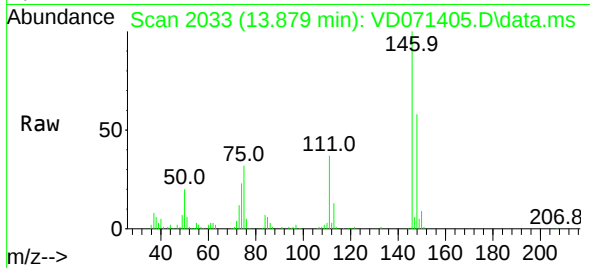
Tgt Ion:117 Resp: 51794
Ion Ratio Lower Upper
117 100
201 63.4 36.0 108.1





#91
1,2-Dichlorobenzene
Concen: 20.147 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

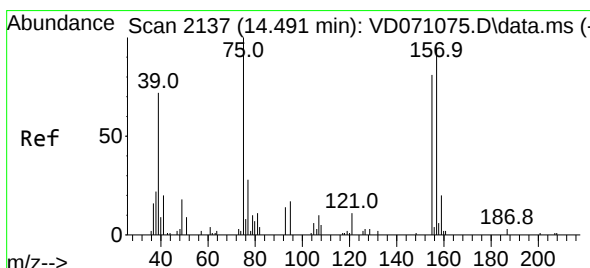
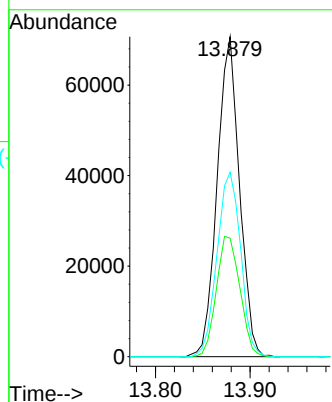
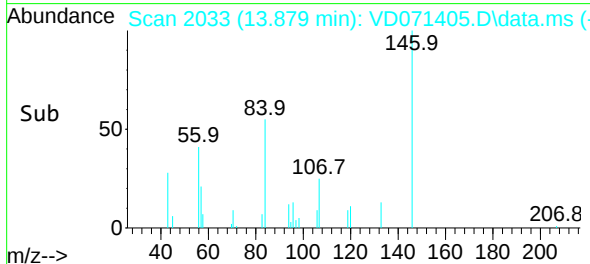
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS01



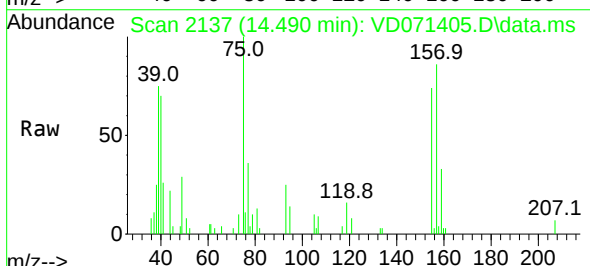
Tgt Ion:146 Resp: 11576
Ion Ratio Lower Upper
146 100
111 39.6 20.8 62.2
148 61.0 31.7 95.1

Manual Integrations
APPROVED

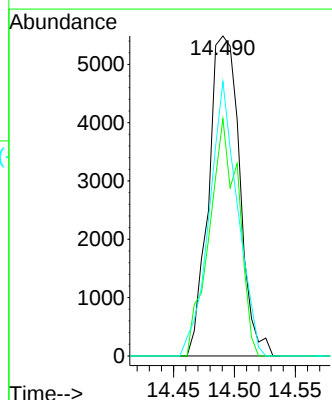
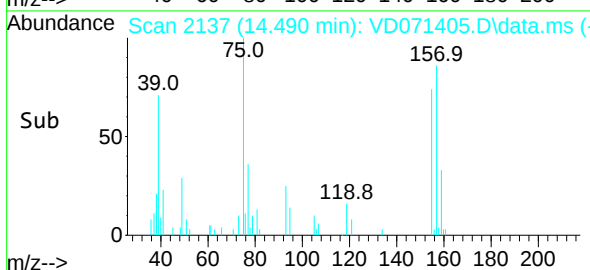
Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

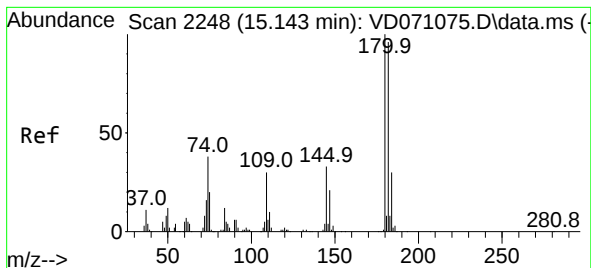


#92
1,2-Dibromo-3-Chloropropane
Concen: 23.210 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31



Tgt Ion: 75 Resp: 9754
Ion Ratio Lower Upper
75 100
155 69.1 40.0 120.0
157 78.2 49.8 149.3





#93

1,2,4-Trichlorobenzene

Concen: 19.083 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD071405.D

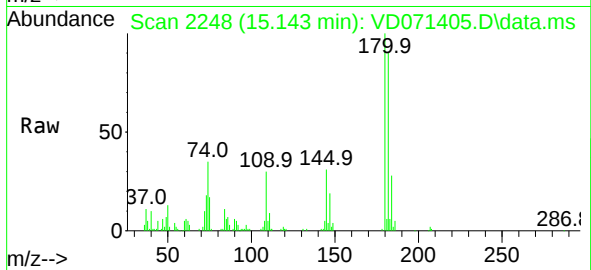
Acq: 21 Dec 2021 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBSD01



Tgt Ion:180 Resp: 68390

Ion Ratio Lower Upper

180 100

182 92.0 48.2 144.6

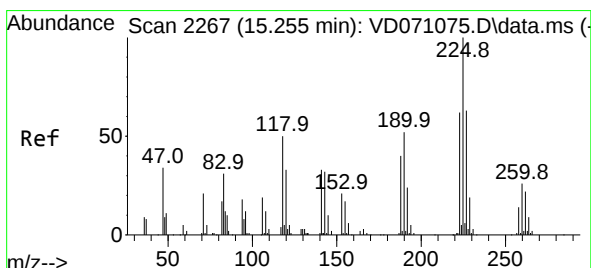
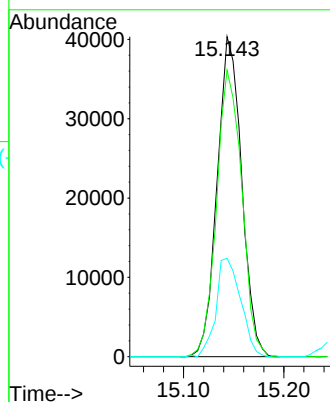
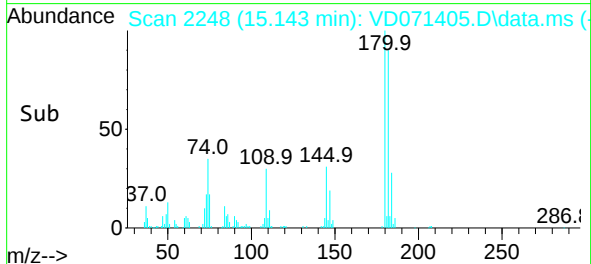
145 31.0 15.4 46.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021

Supervised By :Amit Patel 12/24/2021



#94

Hexachlorobutadiene

Concen: 19.200 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.006 min

Lab File: VD071405.D

Acq: 21 Dec 2021 11:31

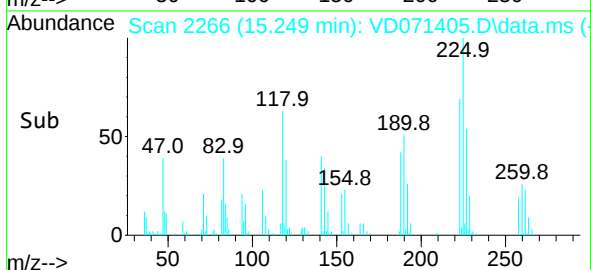
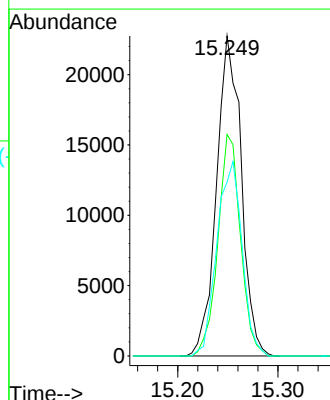
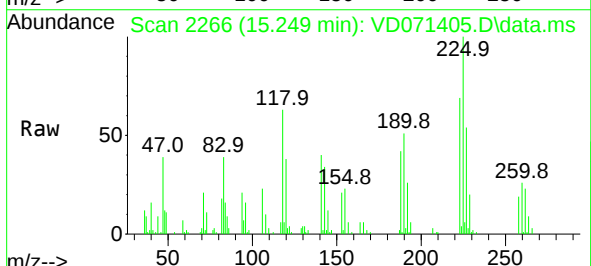
Tgt Ion:225 Resp: 38936

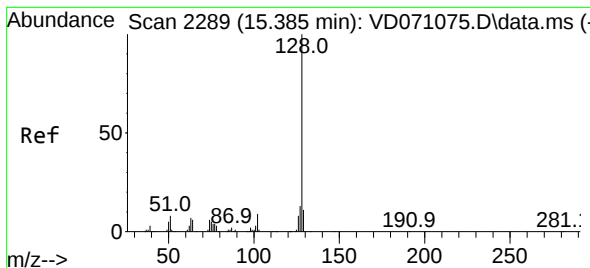
Ion Ratio Lower Upper

225 100

223 63.2 31.8 95.3

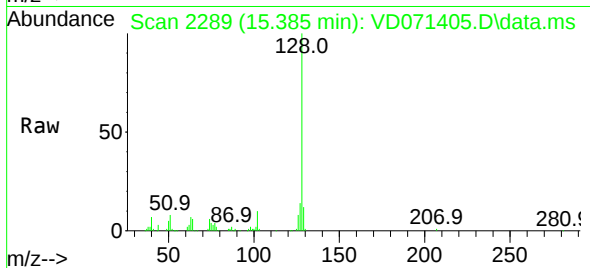
227 61.8 31.6 94.8





#95
Naphthalene
Concen: 20.401 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31

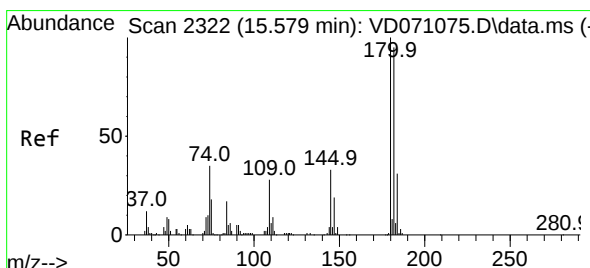
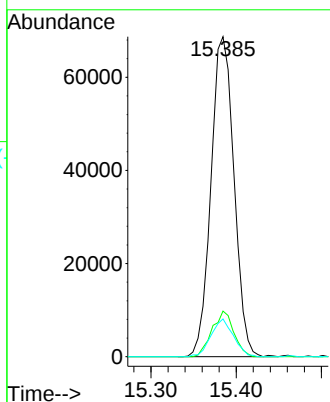
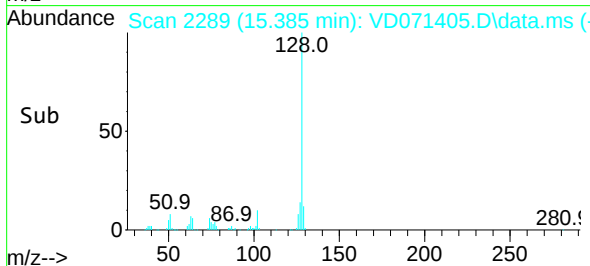
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD01



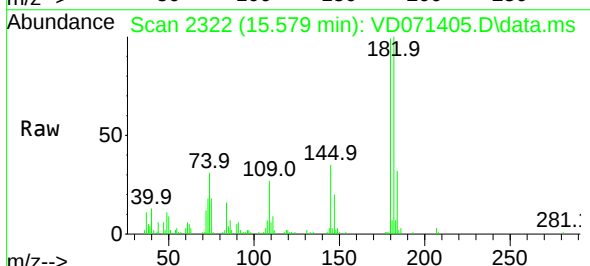
Tgt Ion:128 Resp: 128895
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.5 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.071 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071405.D
Acq: 21 Dec 2021 11:31



Tgt Ion:180 Resp: 58055
Ion Ratio Lower Upper
180 100
182 95.0 46.7 140.1
145 35.7 15.9 47.6

