

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070921\
 Data File : VD069649.D
 Acq On : 09 Jul 2021 16:32
 Operator : VA/SY
 Sample : M2965-01
 Misc : 5.08G/5.00ml/MSVOA_D/soil
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-ETGI-345

Quant Time: Jul 10 02:55:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	8814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	15644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	16030	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	5954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	6331	57.625	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	115.260%	
35) Dibromofluoromethane	7.909	113	4762	45.031	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	90.060%	
50) Toluene-d8	10.338	98	19067	48.069	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	=	96.140%	
62) 4-Bromofluorobenzene	12.620	95	6017	46.141	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	=	92.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	100	1.183	ug/l #	41
3) Chloromethane	2.209	50	947	7.658	ug/l #	72
4) Vinyl Chloride	2.344	62	499	3.620	ug/l #	42
5) Bromomethane	2.668	94	56	Below Cal	#	68
6) Chloroethane	2.921	64	196	2.135	ug/l #	43
7) Trichlorofluoromethane	3.291	101	304	1.857	ug/l #	19
10) Methyl Iodide	4.303	142	72	4.659	ug/l #	39
12) 1,1-Dichloroethene	4.056	96	143	1.643	ug/l #	56
15) Acrylonitrile	5.426	53	227	12.487	ug/l #	17
16) Acetone	4.132	43	599	32.392	ug/l #	41
17) Carbon Disulfide	4.409	76	685	2.390	ug/l #	76
18) Methyl Acetate	4.615	43	125	Below Cal	#	49
20) Methylene Chloride	4.973	84	2268	14.772	ug/l #	67
23) Vinyl Acetate	6.297	43	235	20.399	ug/l #	70
25) 2-Butanone	7.073	43	78	3.319	ug/l #	44
29) Tetrahydrofuran	7.532	42	67	5.201	ug/l #	31
30) Chloroform	7.709	83	527	2.560	ug/l #	16
31) Cyclohexane	7.985	56	382	2.582	ug/l #	83
32) 1,1,1-Trichloroethane	7.885	97	198	1.167	ug/l #	23
36) 1,1-Dichloropropene	8.114	75	504	3.283	ug/l #	53
37) Ethyl Acetate	7.073	43	78	1.369	ug/l #	67
38) Carbon Tetrachloride	7.973	117	1090	7.173	ug/l #	13
39) Methylcyclohexane	9.361	83	233	1.538	ug/l #	17
40) Benzene	8.350	78	1198	2.707	ug/l #	80
41) Methacrylonitrile	7.609	41	76	2.292	ug/l #	18
44) Trichloroethene	9.108	130	222	1.988	ug/l	1
48) Methyl methacrylate	9.355	41	65	1.322	ug/l #	8
51) 4-Methyl-2-Pentanone	10.214	43	152	2.793	ug/l	97
52) Toluene	10.402	92	502	1.838	ug/l	88
59) 2-Hexanone	10.979	43	61	1.661	ug/l #	22
60) Dibromochloromethane	10.861	129	273	2.756	ug/l #	10
64) Tetrachloroethene	10.885	164	329	3.268	ug/l #	17
65) Chlorobenzene	11.661	112	538	1.687	ug/l #	44
67) Ethyl Benzene	11.738	91	1036	1.860	ug/l #	44
68) m/p-Xylenes	11.844	106	625	2.980	ug/l	79
70) Styrene	12.191	104	512	1.546	ug/l #	42

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

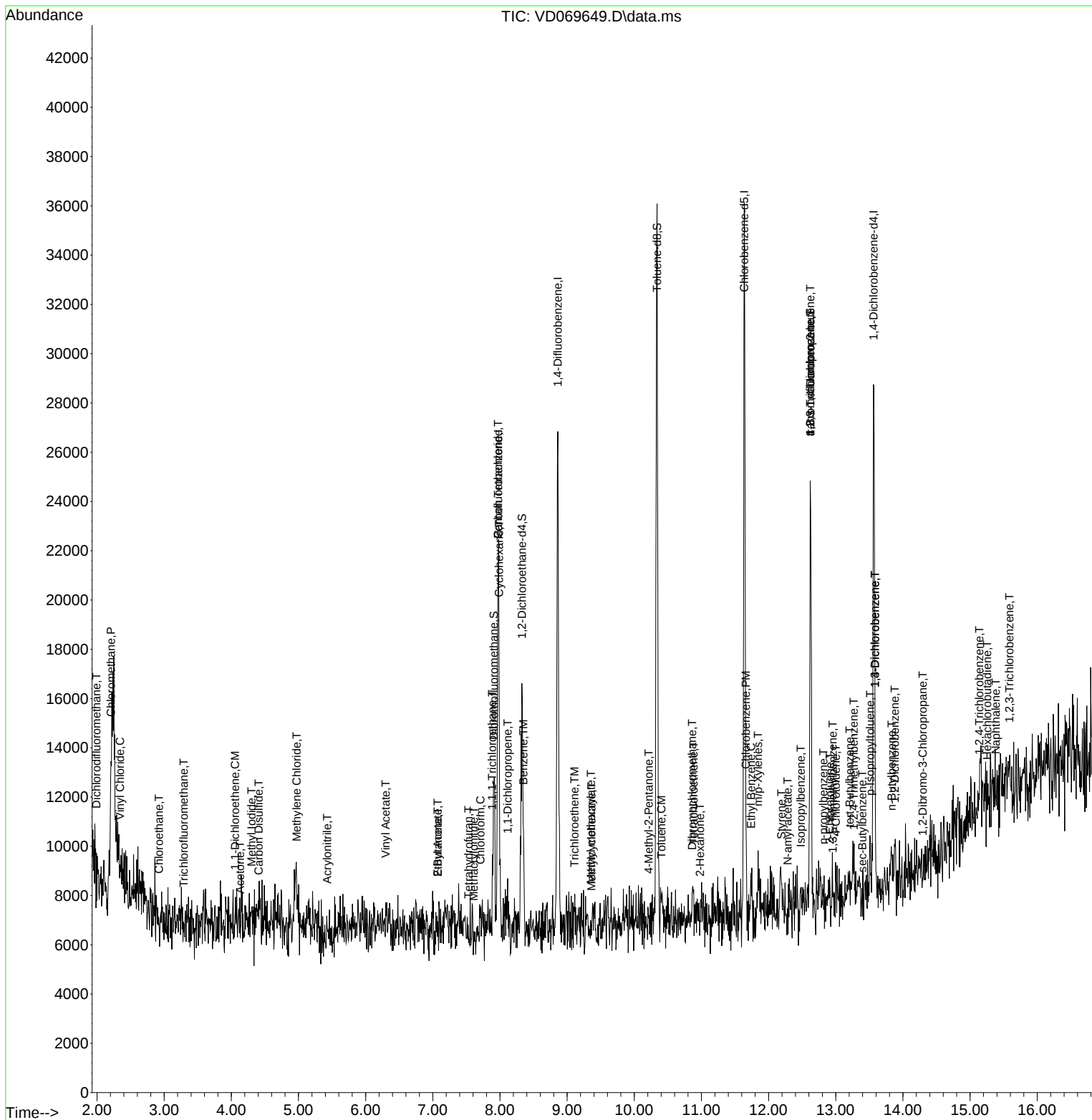
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

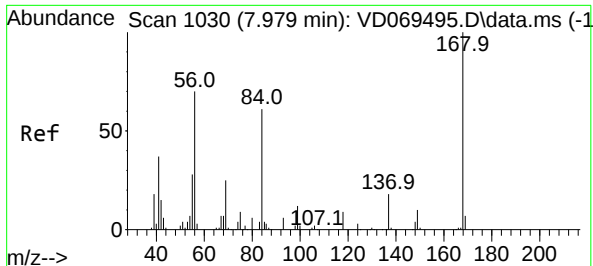
73) Isopropylbenzene	12.479	105	650	1.585	ug/l #	49
74) N-amyl acetate	12.285	43	261	3.134	ug/l #	39
76) 1,2,3-Trichloropropane	12.620	75	3431	58.704	ug/l #	1
78) n-propylbenzene	12.814	91	983	1.909	ug/l	83
79) 2-Chlorotoluene	12.914	91	880	2.992	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.955	105	661	1.915	ug/l #	55
81) trans-1,4-Dichloro-2-b...	12.620	75	3431	146.575	ug/l #	12
82) 4-Chlorotoluene	13.002	91	956	3.031	ug/l #	42
83) tert-Butylbenzene	13.208	119	528	3.632	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.267	105	780	2.273	ug/l	91
85) sec-Butylbenzene	13.396	105	896	2.082	ug/l #	58
86) p-Isopropyltoluene	13.514	119	988	2.727	ug/l #	69
87) 1,3-Dichlorobenzene	13.585	146	475	2.490	ug/l	74
88) 1,4-Dichlorobenzene	13.585	146	475	2.499	ug/l	74
89) n-Butylbenzene	13.832	91	929	2.570	ug/l #	81
91) 1,2-Dichlorobenzene	13.879	146	408	2.472	ug/l #	78
92) 1,2-Dibromo-3-Chloropr...	14.296	75	68	5.439	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.138	180	564	6.126	ug/l	88
94) Hexachlorobutadiene	15.255	225	377	6.526	ug/l #	40
95) Naphthalene	15.385	128	1483	10.813	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.585	180	473	5.829	ug/l #	78

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

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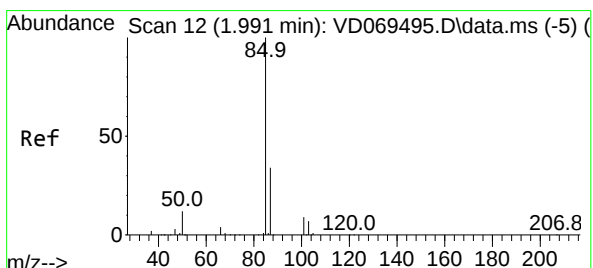
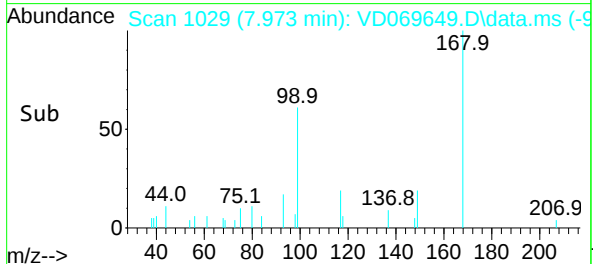
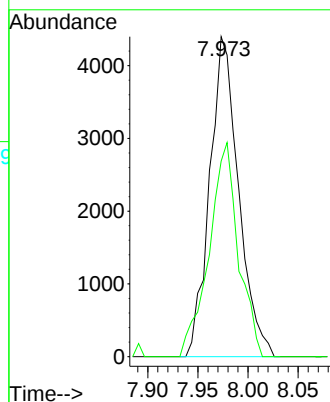
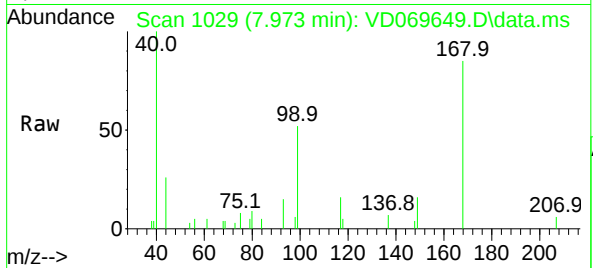




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

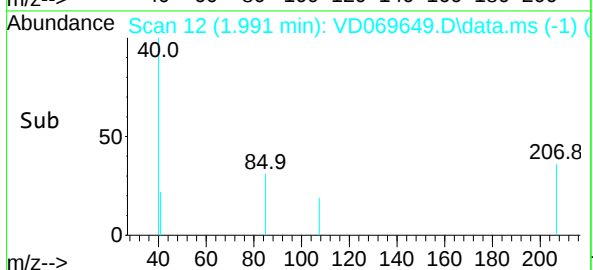
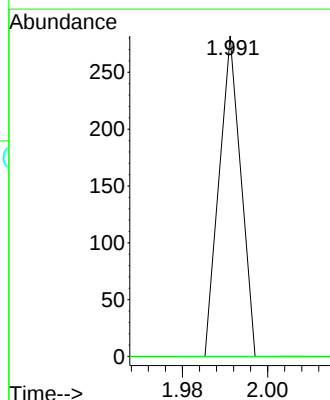
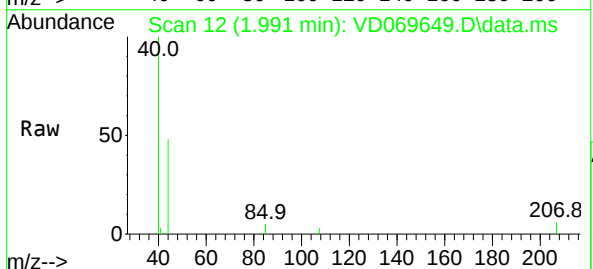
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

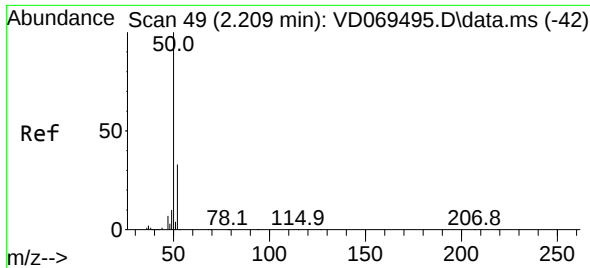
Tgt Ion:168 Resp: 8814
Ion Ratio Lower Upper
168 100
99 61.1 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 1.183 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion: 85 Resp: 100
Ion Ratio Lower Upper
85 100
87 0.0 17.1 51.2#

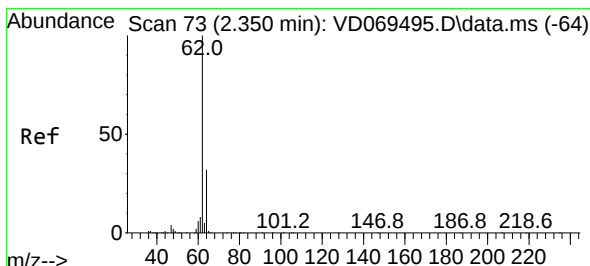
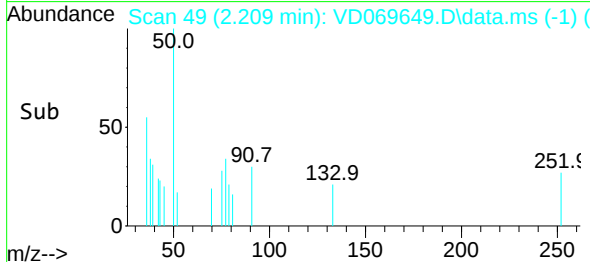
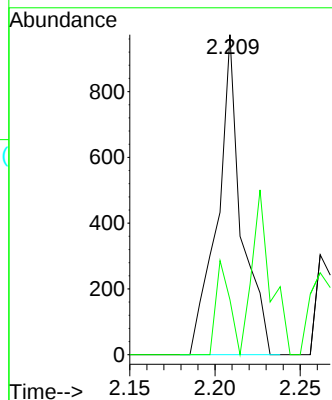
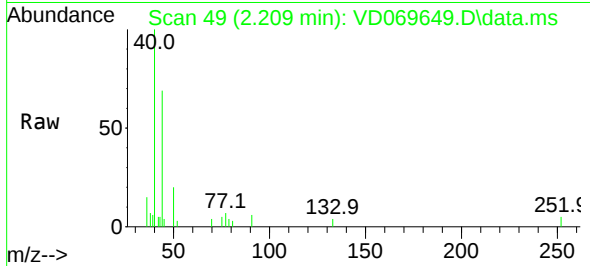




#3
Chloromethane
Concen: 7.658 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

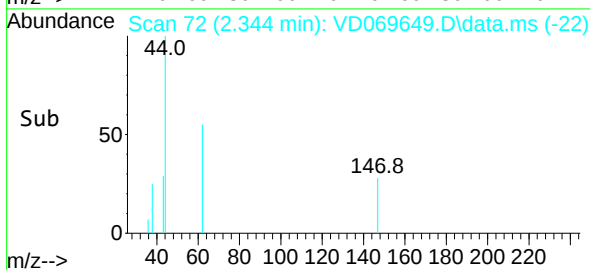
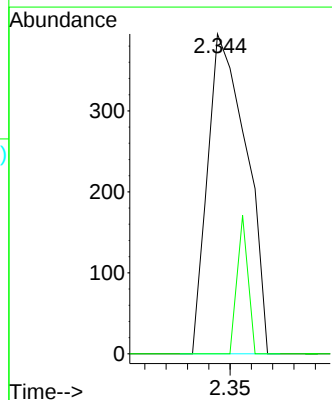
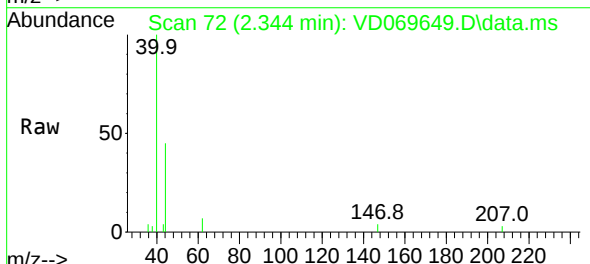
Instrument :
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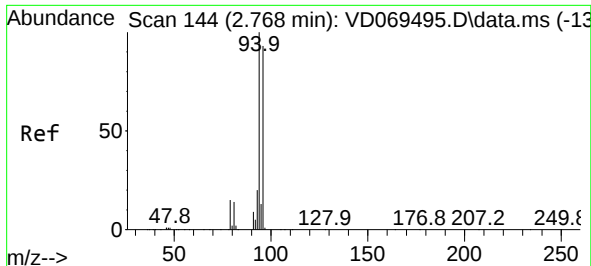
Tgt Ion: 50 Resp: 947
Ion Ratio Lower Upper
50 100
52 17.2 26.3 39.5#



#4
Vinyl Chloride
Concen: 3.620 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion: 62 Resp: 499
Ion Ratio Lower Upper
62 100
64 0.0 25.8 38.8#

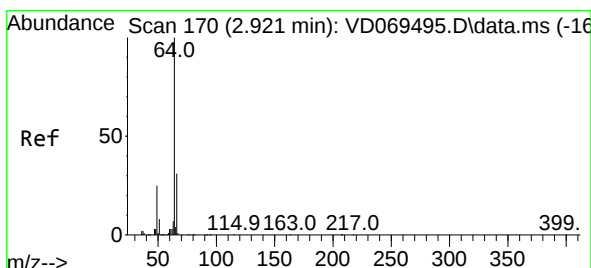
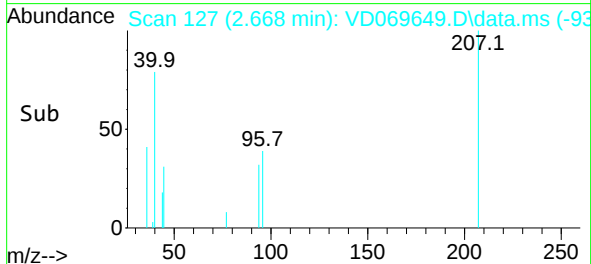
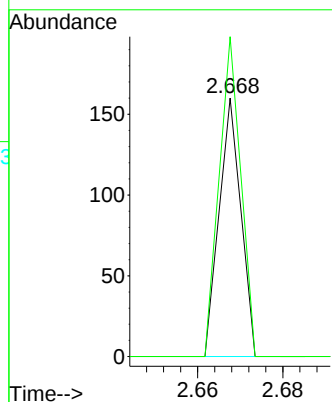
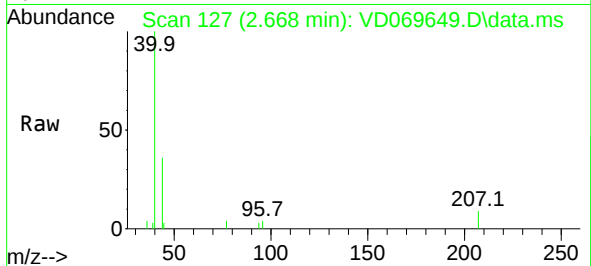




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 127
Delta R.T. -0.100 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

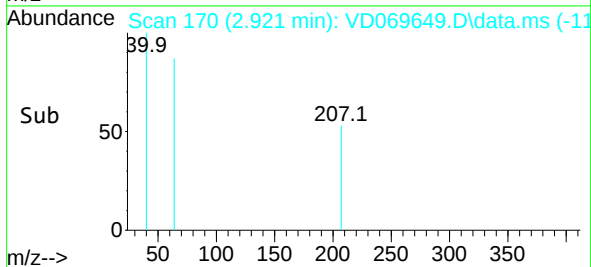
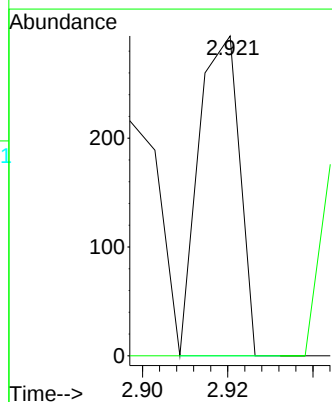
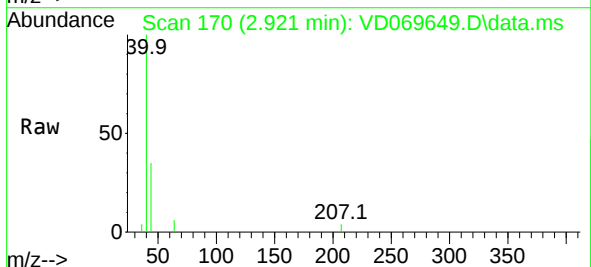
Instrument :
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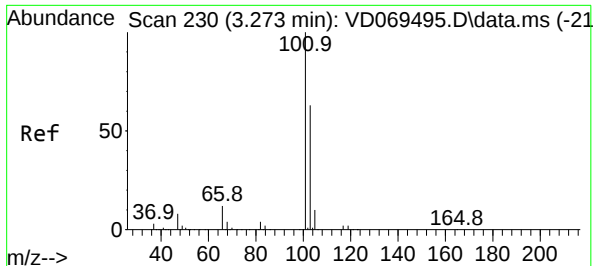
Tgt Ion: 94 Resp: 56
Ion Ratio Lower Upper
94 100
96 123.8 74.6 111.8#



#6
Chloroethane
Concen: 2.135 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

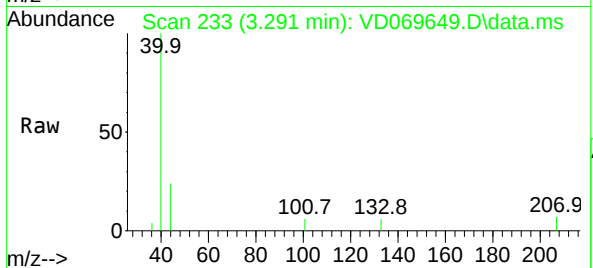
Tgt Ion: 64 Resp: 196
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



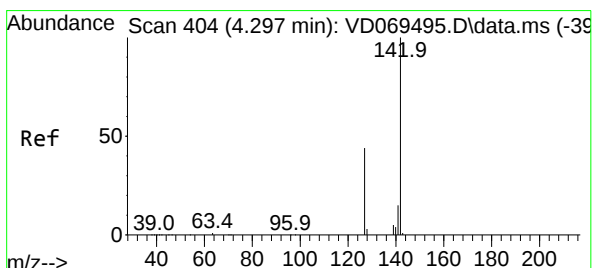
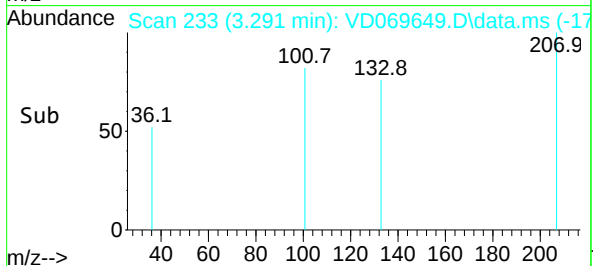
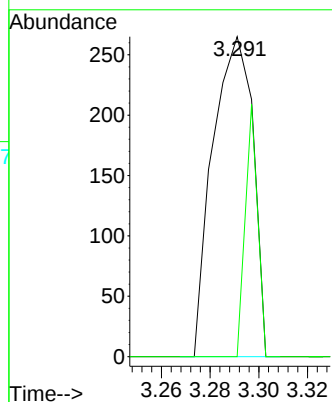


#7
 Trichlorofluoromethane
 Concen: 1.857 ug/l
 RT: 3.291 min Scan# 233
 Delta R.T. 0.018 min
 Lab File: VD069649.D
 Acq: 09 Jul 2021 16:32

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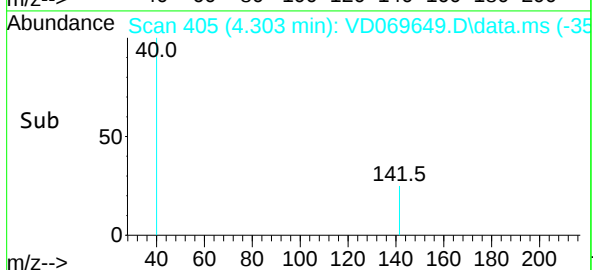
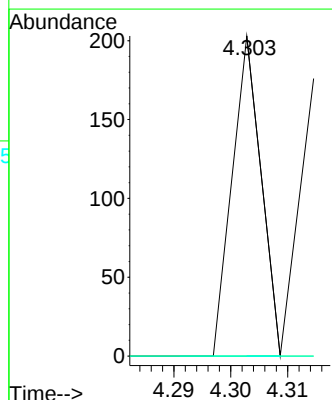
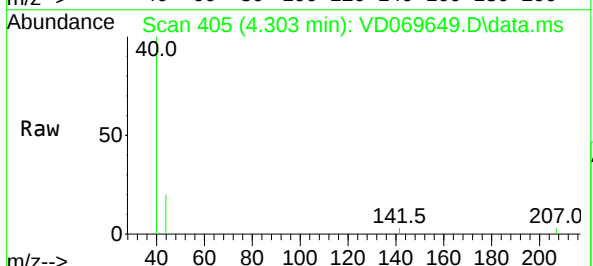


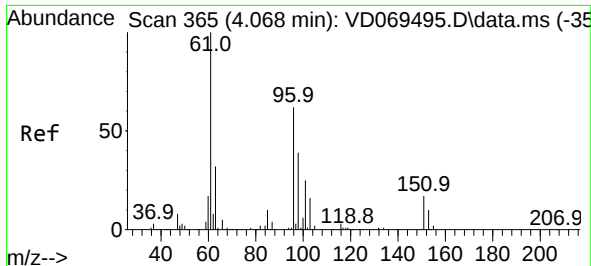
Tgt Ion:101 Resp: 304
 Ion Ratio Lower Upper
 101 100
 103 0.0 50.6 75.8#



#10
 Methyl Iodide
 Concen: 4.659 ug/l
 RT: 4.303 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD069649.D
 Acq: 09 Jul 2021 16:32

Tgt Ion:142 Resp: 72
 Ion Ratio Lower Upper
 142 100
 127 0.0 36.5 54.7#
 141 0.0 12.0 18.0#





#12

1,1-Dichloroethene

Concen: 1.643 ug/l

RT: 4.056 min Scan# 363

Delta R.T. -0.012 min

Lab File: VD069649.D

Acq: 09 Jul 2021 16:32

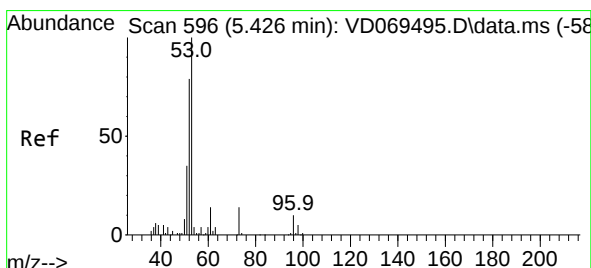
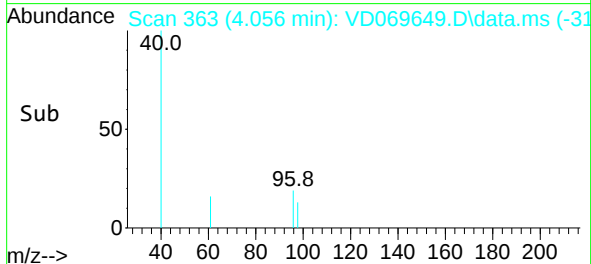
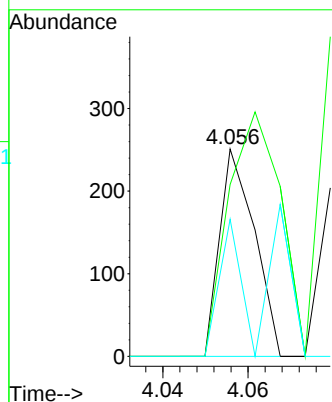
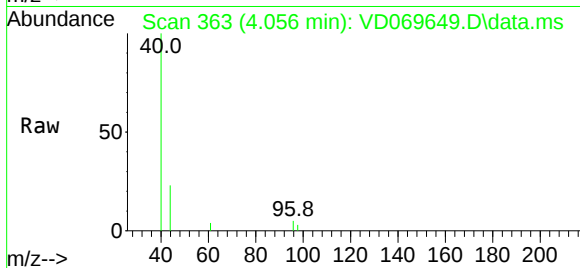
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Tgt Ion:	96	Resp:	143
Ion	Ratio	Lower	Upper
96	100		
61	82.9	130.1	195.1#
98	66.1	51.2	76.8



#15

Acrylonitrile

Concen: 12.487 ug/l

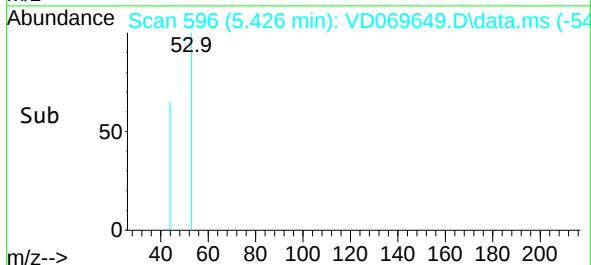
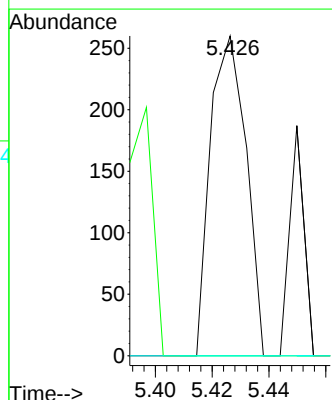
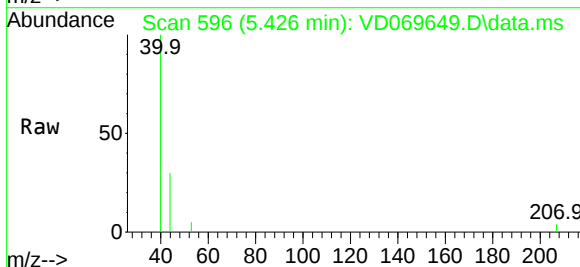
RT: 5.426 min Scan# 596

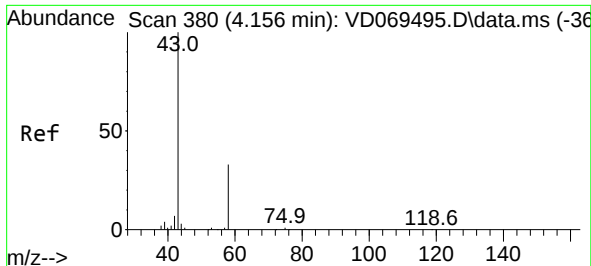
Delta R.T. -0.000 min

Lab File: VD069649.D

Acq: 09 Jul 2021 16:32

Tgt Ion:	53	Resp:	227
Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.8	98.6#
51	0.0	29.7	44.5#

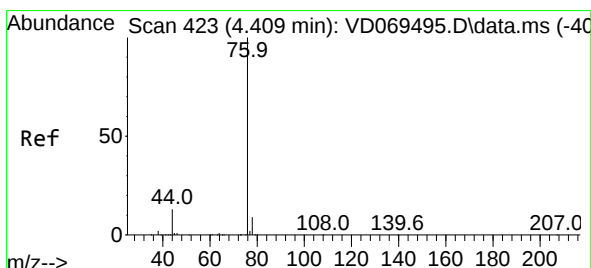
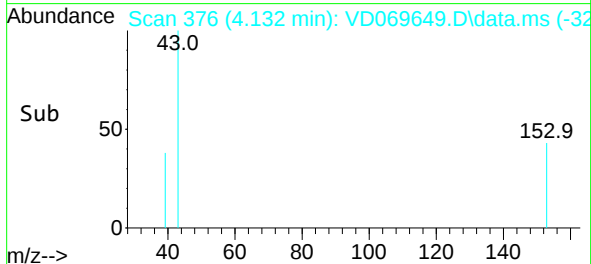
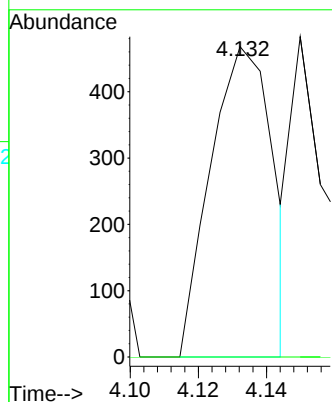
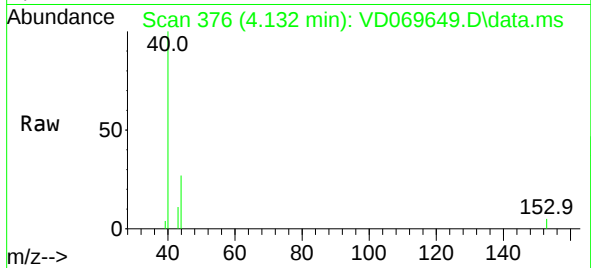




#16
Acetone
Concen: 32.392 ug/l
RT: 4.132 min Scan# 376
Delta R.T. -0.024 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

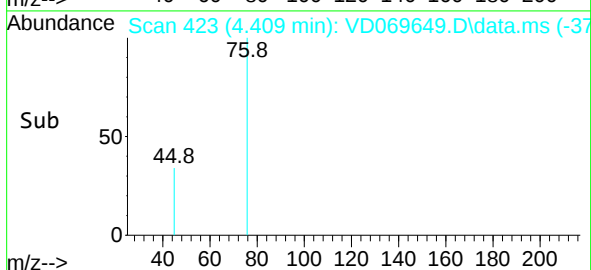
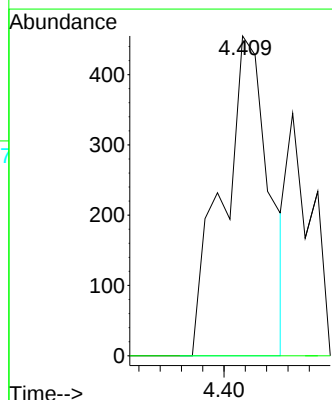
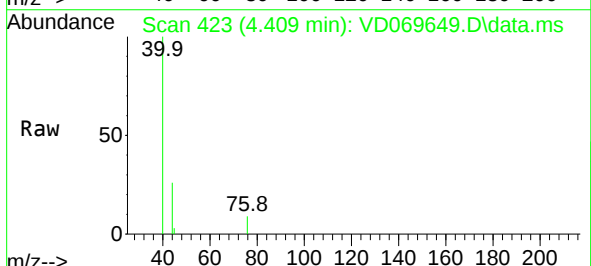
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

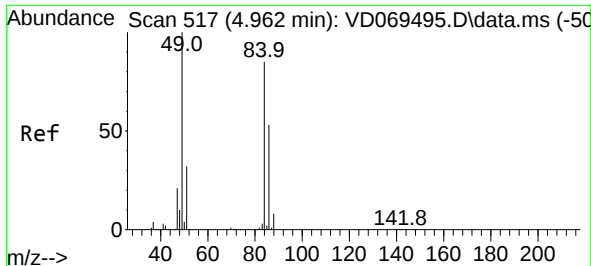
Tgt Ion: 43 Resp: 599
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#



#17
Carbon Disulfide
Concen: 2.390 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion: 76 Resp: 685
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#





#20

Methylene Chloride

Concen: 14.772 ug/l

RT: 4.973 min Scan# 519

Delta R.T. 0.011 min

Lab File: VD069649.D

Acq: 09 Jul 2021 16:32

Tgt Ion: 84 Resp: 2268

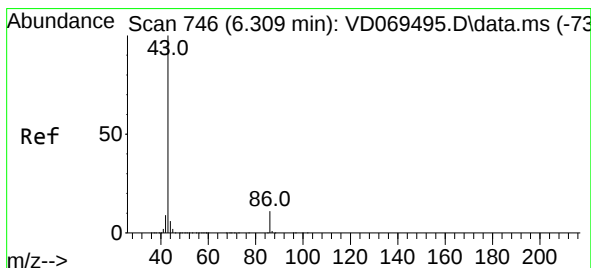
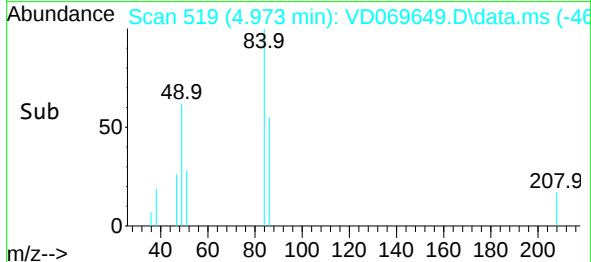
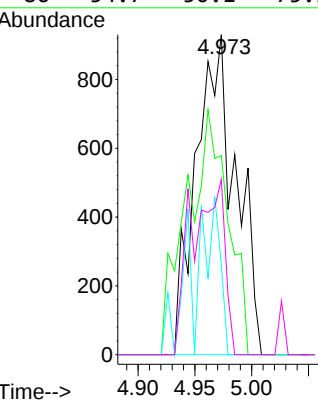
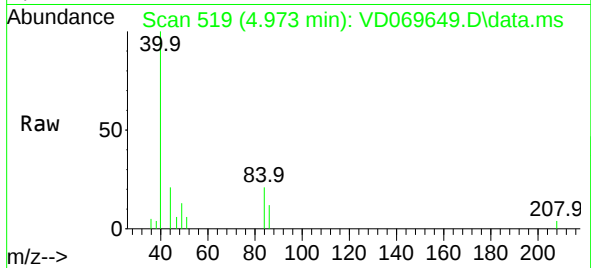
Ion Ratio Lower Upper

84 100

49 62.3 94.0 141.0#

51 28.2 29.7 44.5#

86 54.7 50.1 75.1



#23

Vinyl Acetate

Concen: 20.399 ug/l

RT: 6.297 min Scan# 744

Delta R.T. -0.012 min

Lab File: VD069649.D

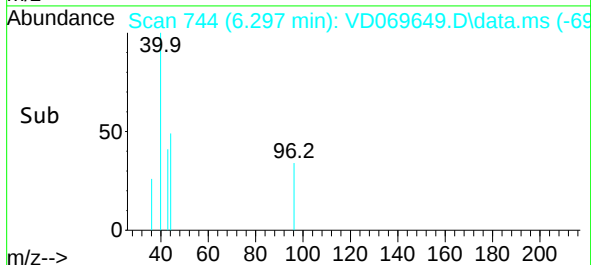
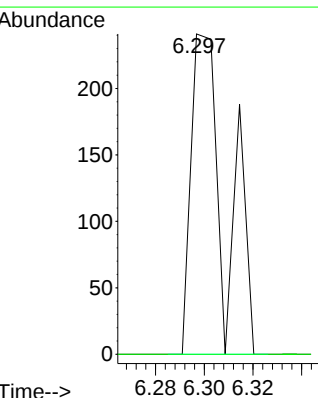
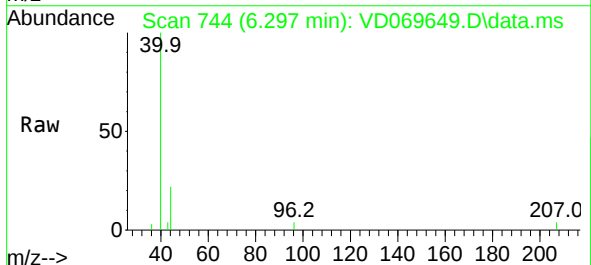
Acq: 09 Jul 2021 16:32

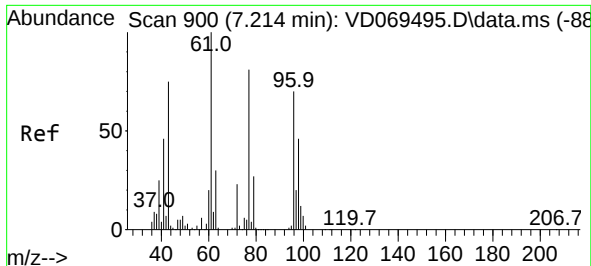
Tgt Ion: 43 Resp: 235

Ion Ratio Lower Upper

43 100

86 0.0 9.1 13.7#

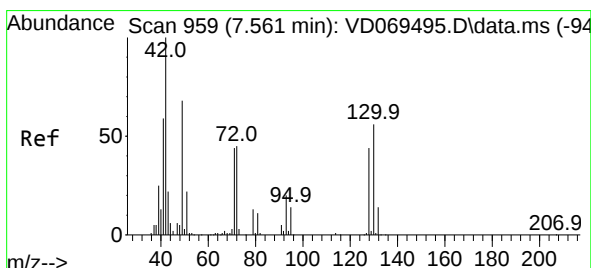
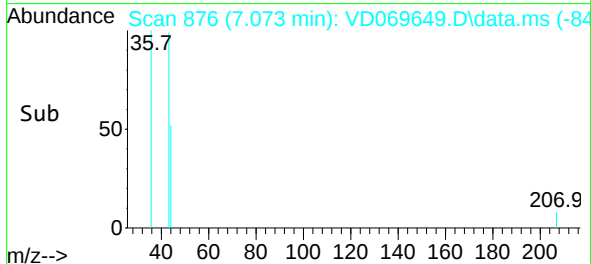
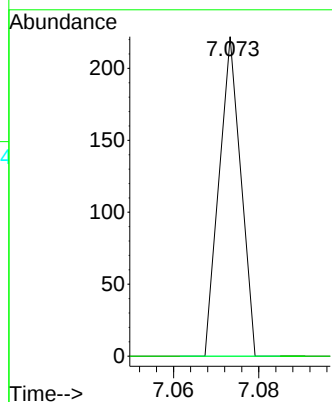
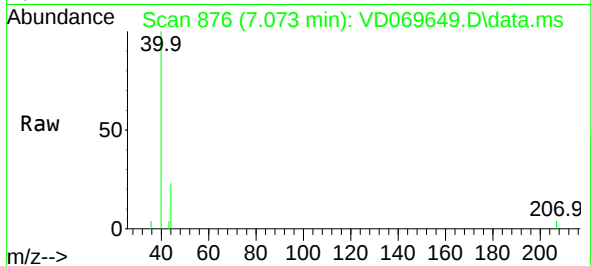




#25
2-Butanone
Concen: 3.319 ug/l
RT: 7.073 min Scan# 876
Delta R.T. -0.141 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

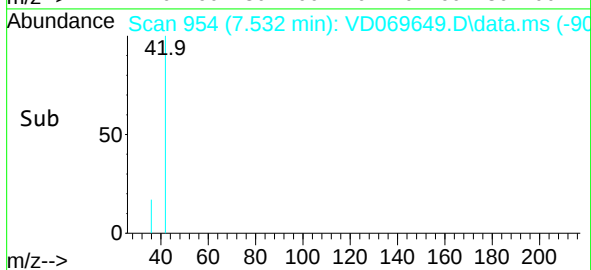
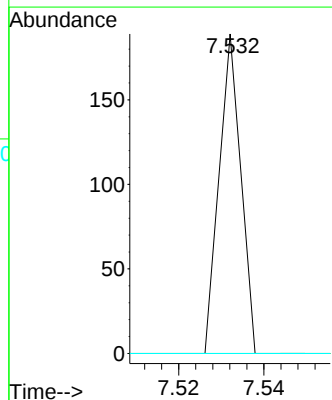
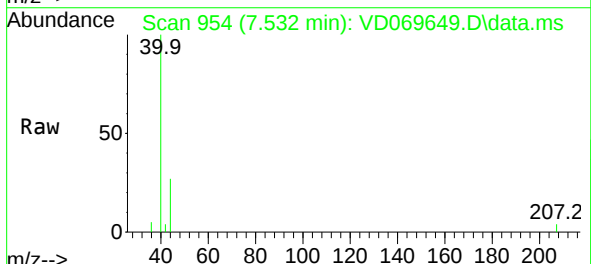
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

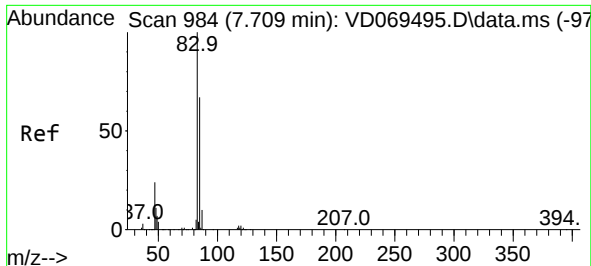
Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
72 0.0 24.3 36.5#



#29
Tetrahydrofuran
Concen: 5.201 ug/l
RT: 7.532 min Scan# 954
Delta R.T. -0.029 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion: 42 Resp: 67
Ion Ratio Lower Upper
42 100
72 0.0 37.9 56.9#
71 0.0 35.1 52.7#

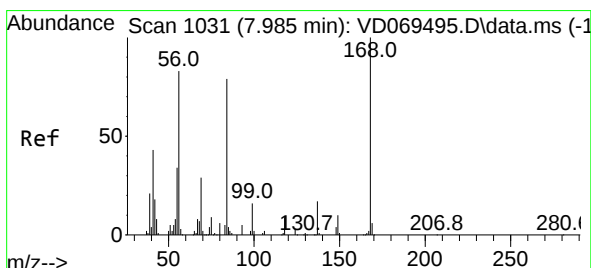
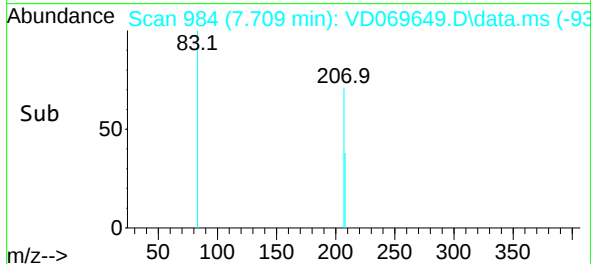
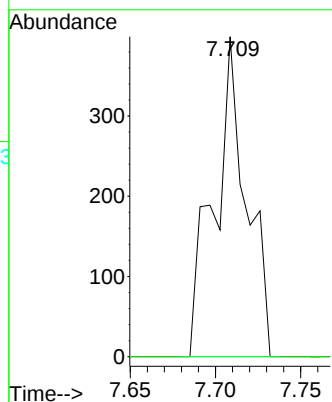
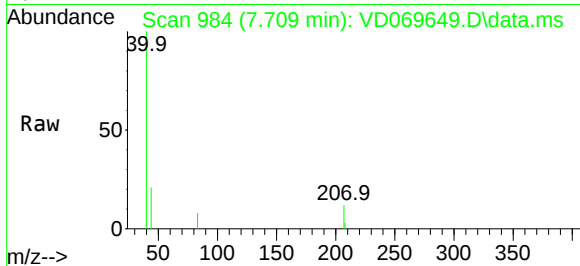




#30
Chloroform
Concen: 2.560 ug/l
RT: 7.709 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

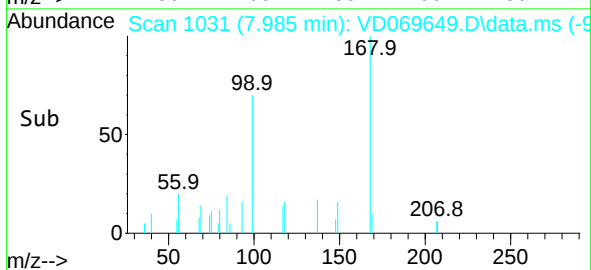
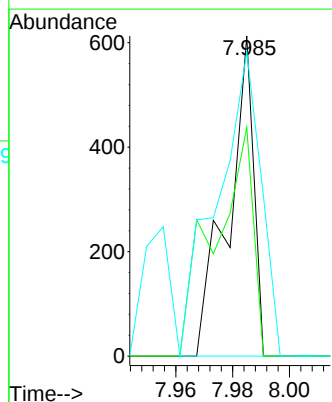
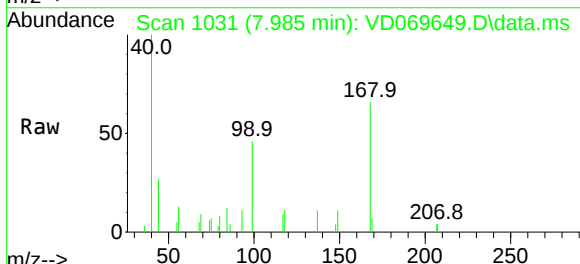
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

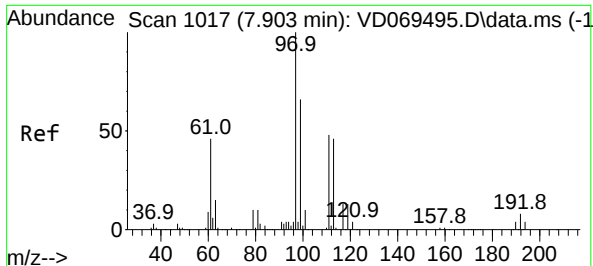
Tgt Ion: 83 Resp: 527
Ion Ratio Lower Upper
83 100
85 0.0 53.9 80.9#



#31
Cyclohexane
Concen: 2.582 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion: 56 Resp: 382
Ion Ratio Lower Upper
56 100
69 71.5 28.0 42.0#
84 95.1 75.7 113.5

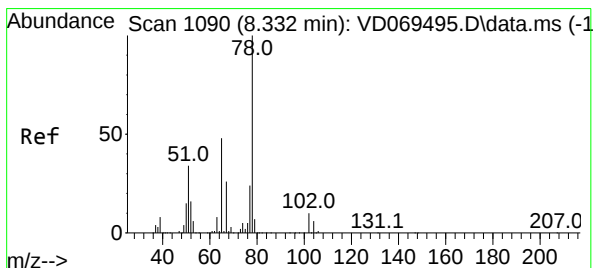
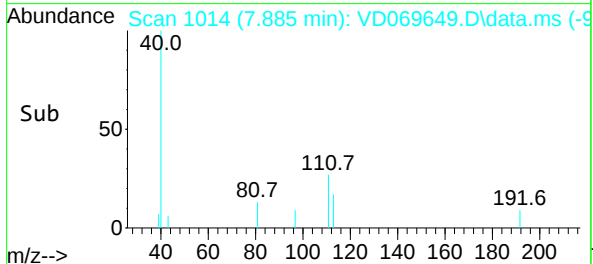
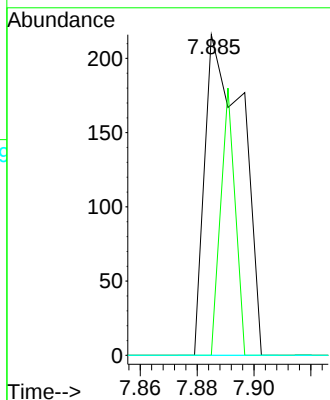
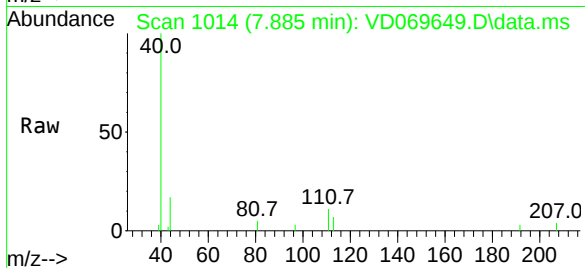




#32
1,1,1-Trichloroethane
Concen: 1.167 ug/l
RT: 7.885 min Scan# 1014
Delta R.T. -0.018 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

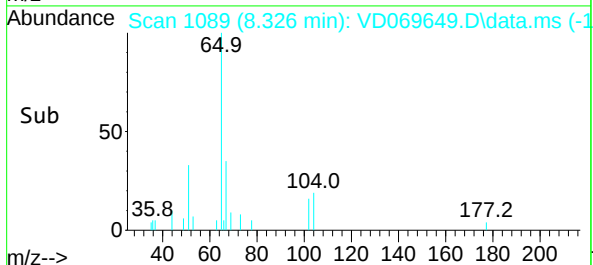
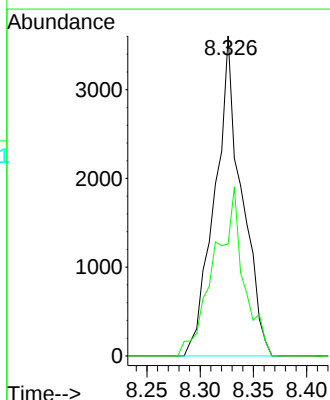
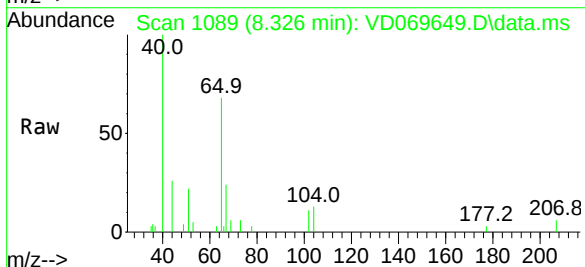
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

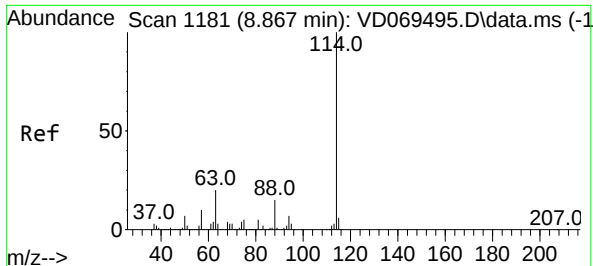
Tgt Ion: 97 Resp: 198
Ion Ratio Lower Upper
97 100
99 0.0 52.6 78.8#
61 0.0 37.0 55.4#



#33
1,2-Dichloroethane-d4
Concen: 57.625 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion: 65 Resp: 6331
Ion Ratio Lower Upper
65 100
67 57.9 0.0 105.6



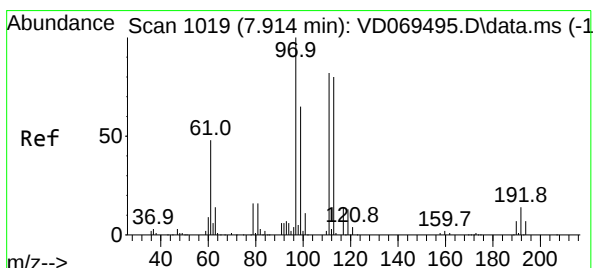
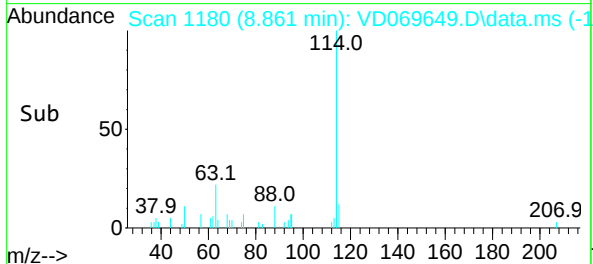
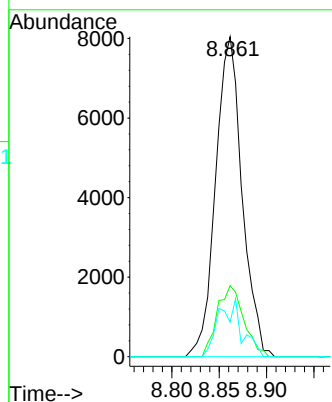
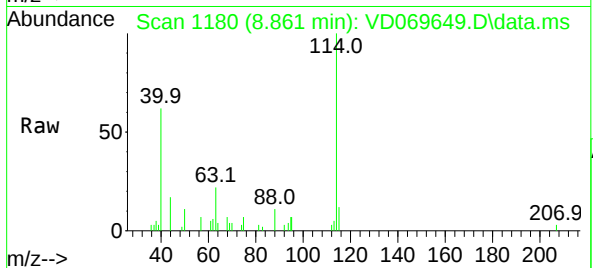


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

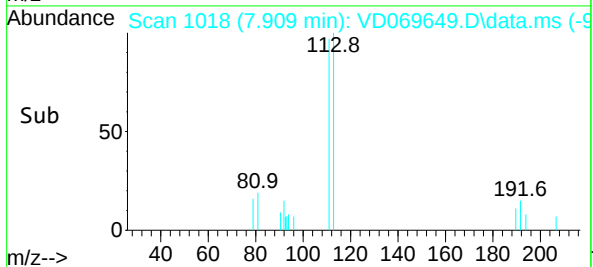
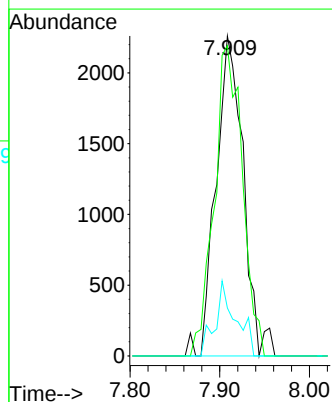
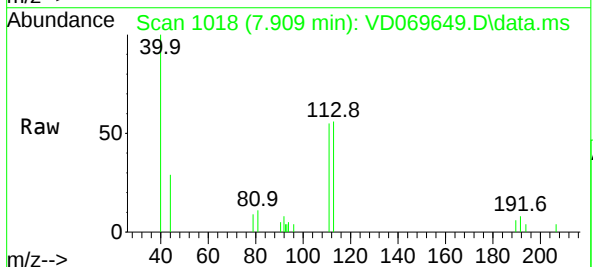
Tgt Ion:	114	Resp:	15644
Ion Ratio	Lower	Upper	
114	100		
63	22.2	0.0	39.6
88	10.8	0.0	29.8

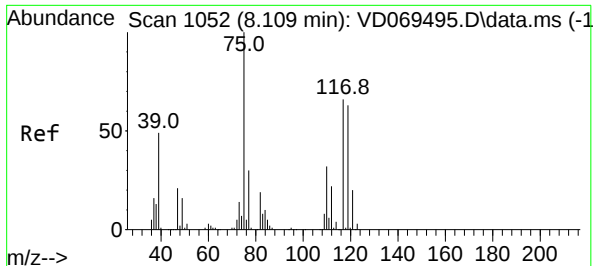


#35

Dibromofluoromethane
Concen: 45.031 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion:	113	Resp:	4762
Ion Ratio	Lower	Upper	
113	100		
111	100.3	81.8	122.8
192	17.7	13.8	20.6

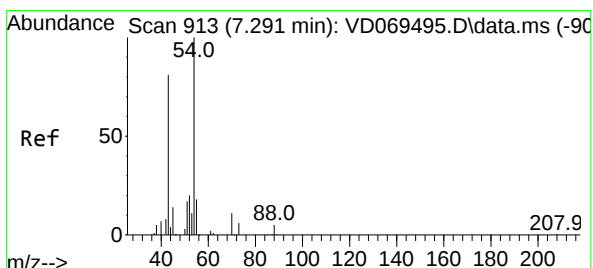
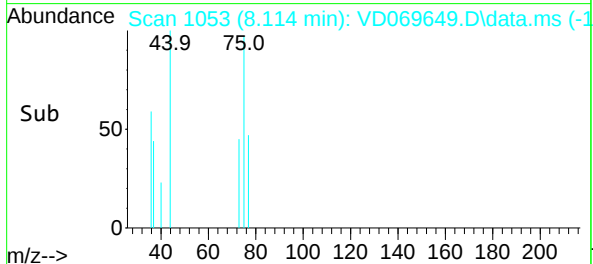
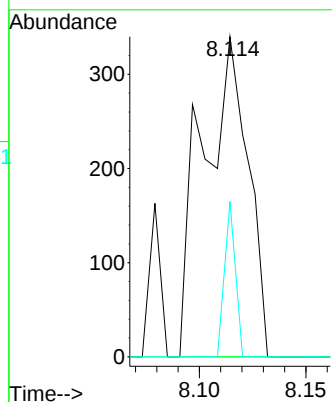
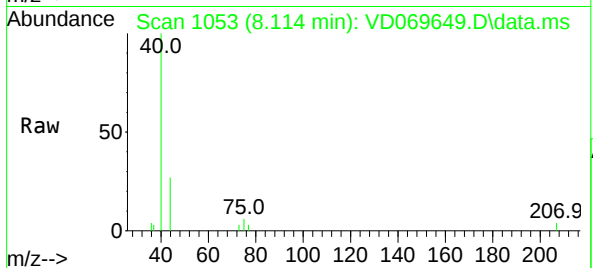




#36
1,1-Dichloropropene
Concen: 3.283 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

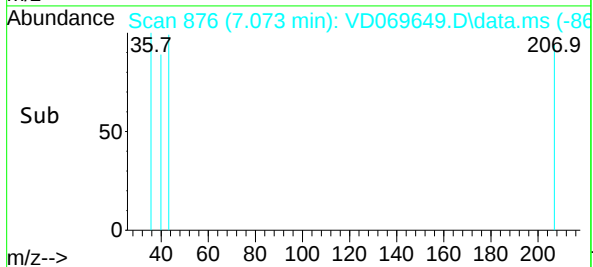
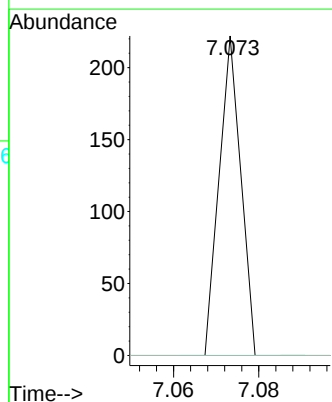
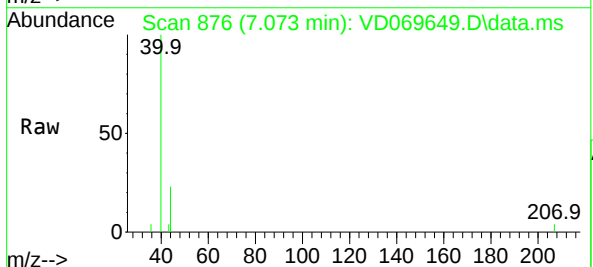
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

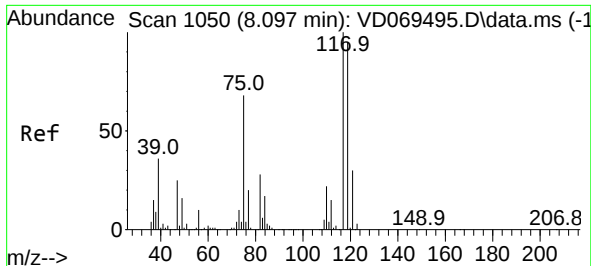
Tgt Ion: 75 Resp: 504
Ion Ratio Lower Upper
75 100
110 0.0 16.8 50.4#
77 11.5 24.3 36.5#



#37
Ethyl Acetate
Concen: 1.369 ug/l
RT: 7.073 min Scan# 876
Delta R.T. -0.218 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

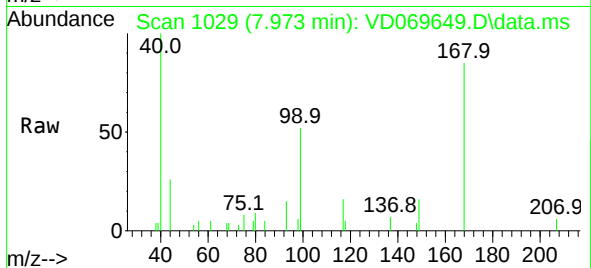
Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 9.5 14.3#



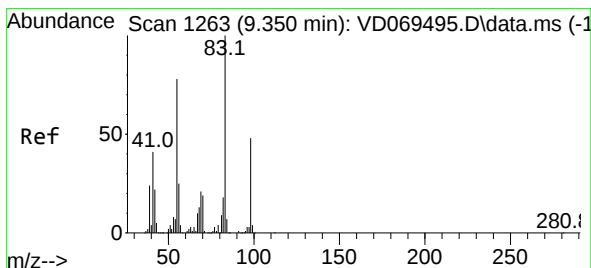
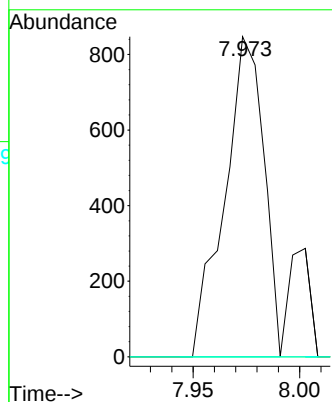
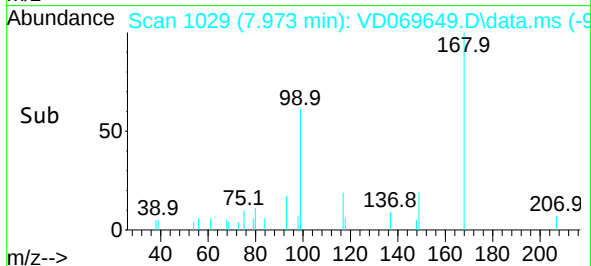


#38
Carbon Tetrachloride
Concen: 7.173 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

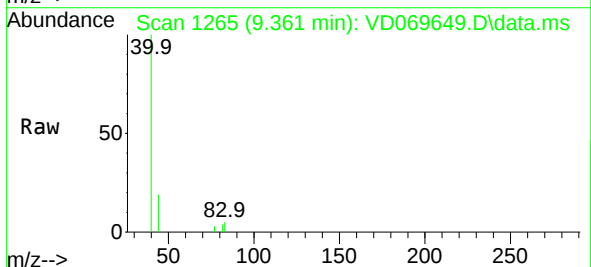
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345



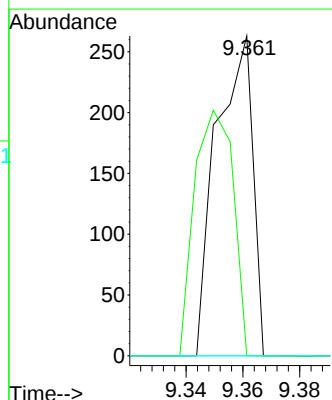
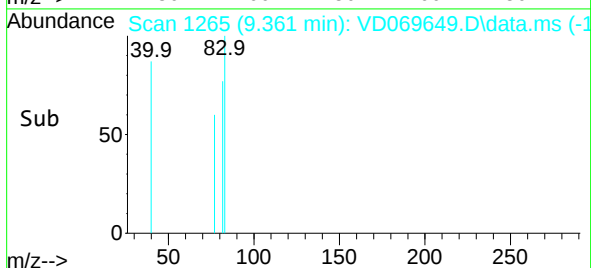
Tgt Ion:117 Resp: 1090
Ion Ratio Lower Upper
117 100
119 0.0 75.6 113.4#
121 0.0 23.8 35.8#

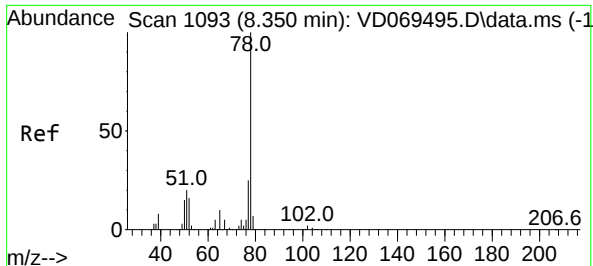


#39
Methylcyclohexane
Concen: 1.538 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.012 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32



Tgt Ion: 83 Resp: 233
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 0.0 38.7 58.1#

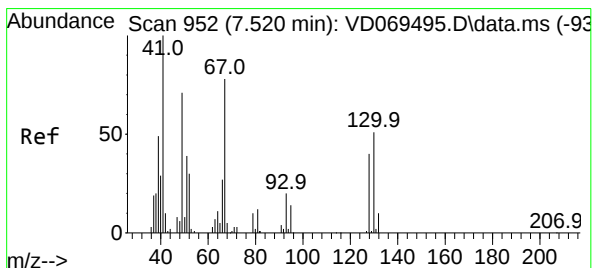
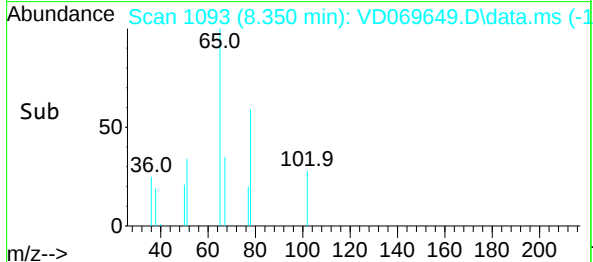
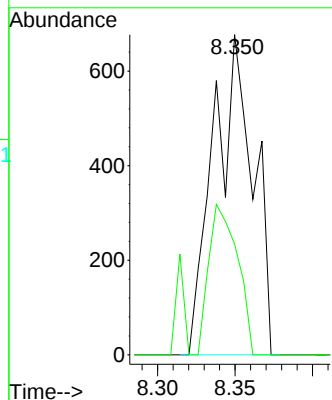
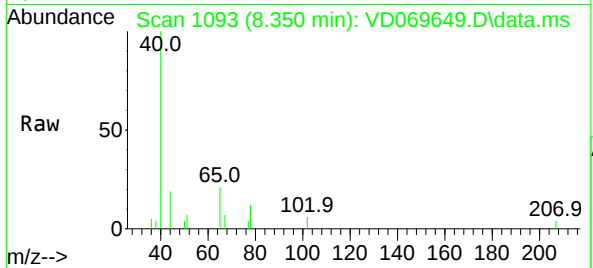




#40
Benzene
Concen: 2.707 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

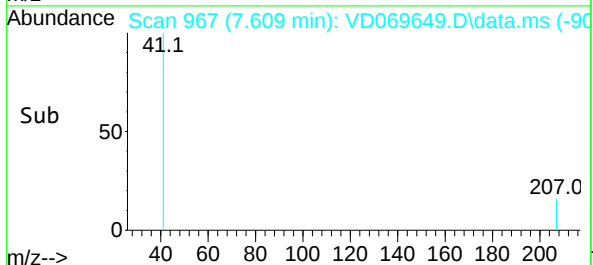
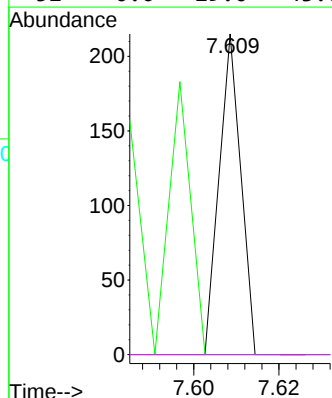
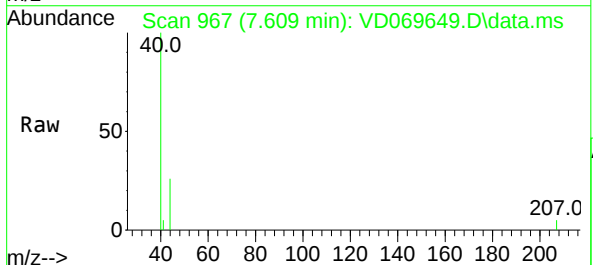
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

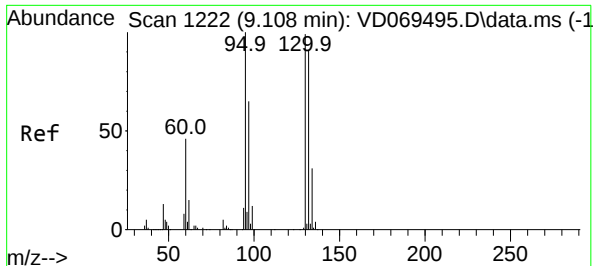
Tgt Ion: 78 Resp: 1198
Ion Ratio Lower Upper
78 100
77 34.6 19.7 29.5#



#41
Methacrylonitrile
Concen: 2.292 ug/l
RT: 7.609 min Scan# 967
Delta R.T. 0.088 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion: 41 Resp: 76
Ion Ratio Lower Upper
41 100
39 0.0 41.7 62.5#
67 0.0 71.8 107.6#
52 0.0 29.0 43.6#

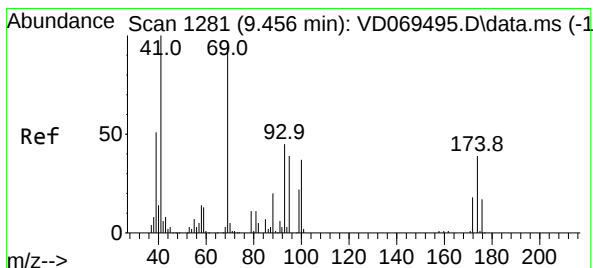
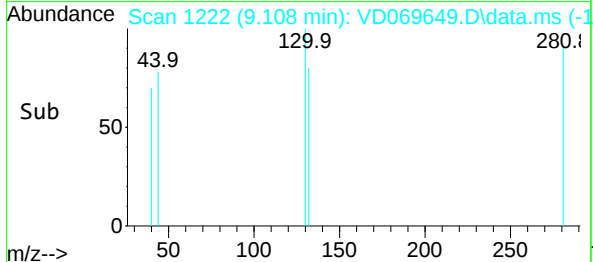
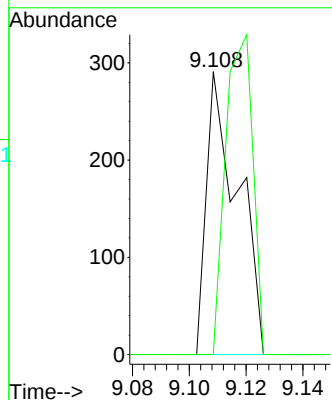
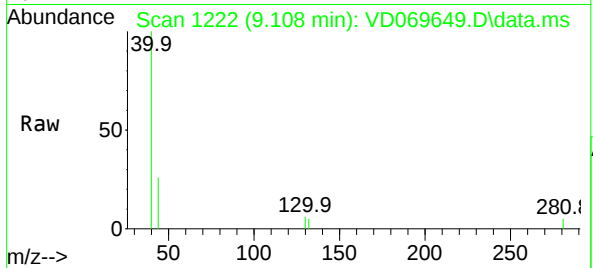




#44
Trichloroethene
Concen: 1.988 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

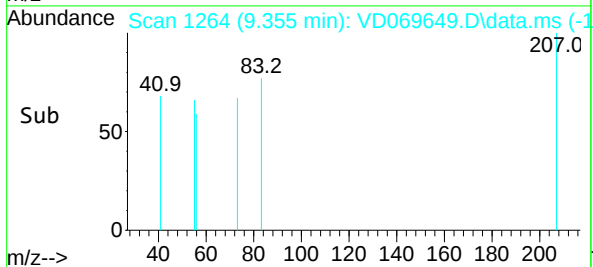
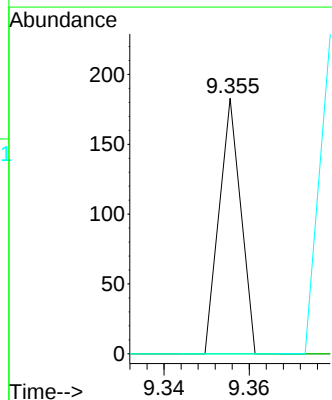
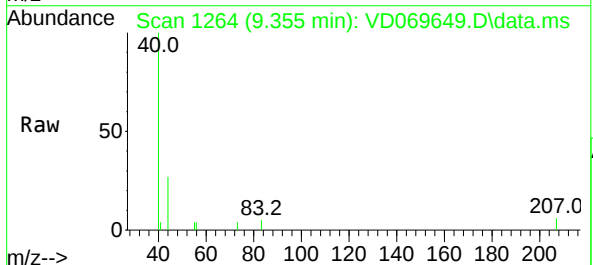
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

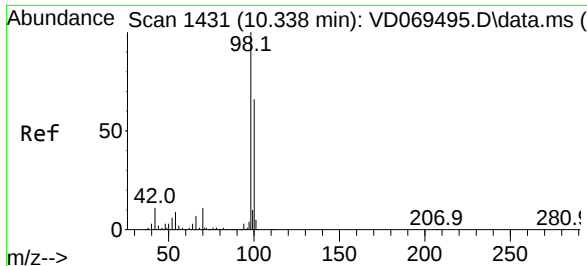
Tgt Ion:130 Resp: 222
Ion Ratio Lower Upper
130 100
95 0.0 0.0 202.2



#48
Methyl methacrylate
Concen: 1.322 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. -0.100 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion: 41 Resp: 65
Ion Ratio Lower Upper
41 100
69 0.0 80.9 121.3#
39 0.0 45.8 68.6#

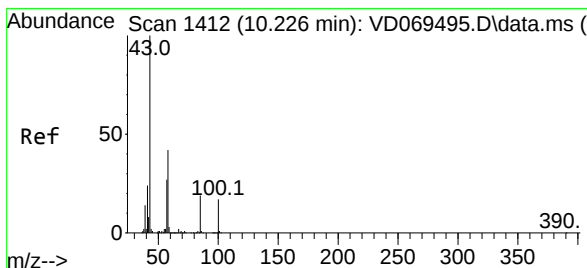
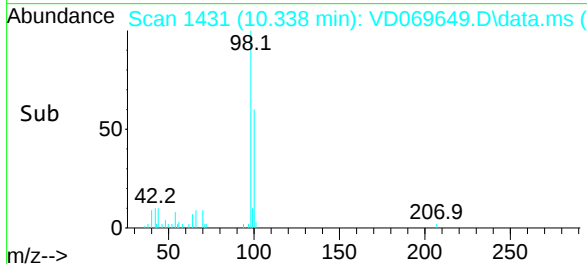
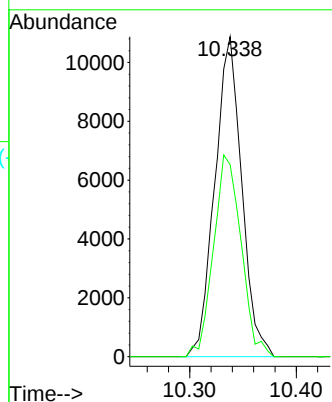
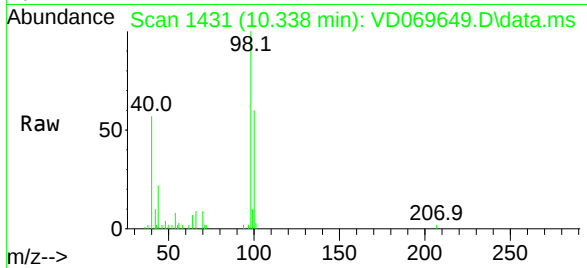




#50
Toluene-d8
Concen: 48.069 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

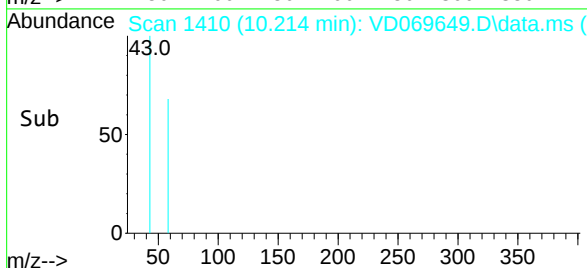
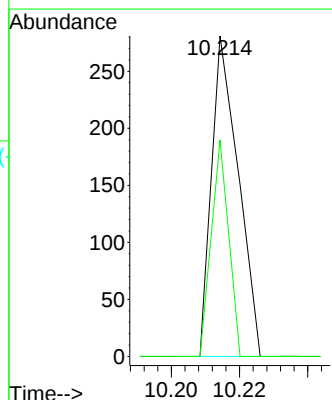
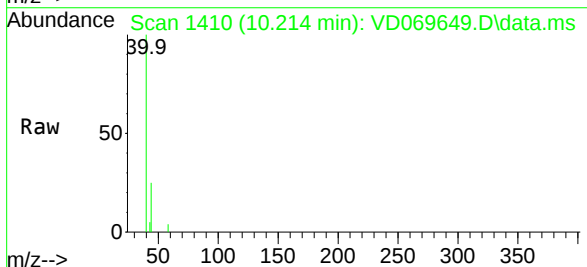
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

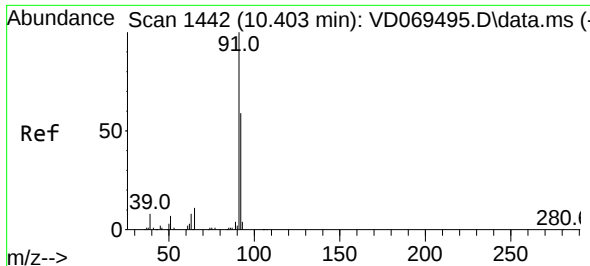
Tgt Ion: 98 Resp: 19067
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 2.793 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.012 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion: 43 Resp: 152
Ion Ratio Lower Upper
43 100
58 44.1 33.6 50.4

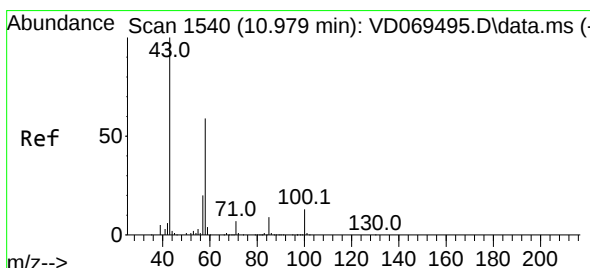
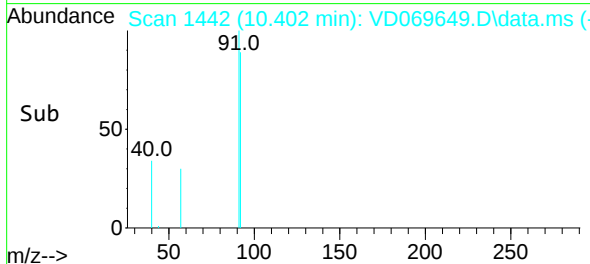
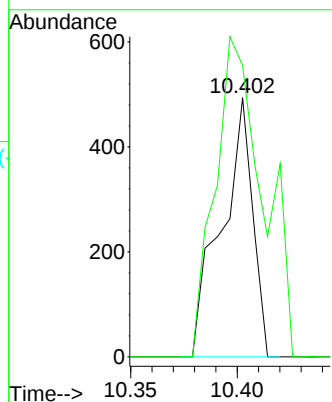
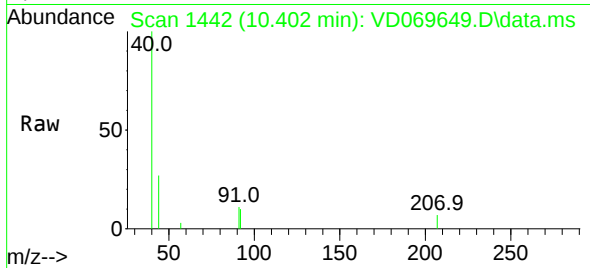




#52
Toluene
Concen: 1.838 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

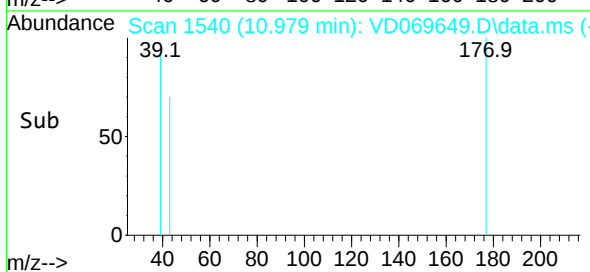
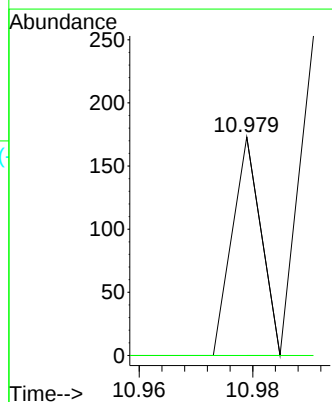
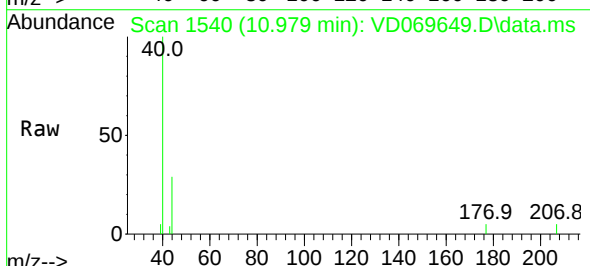
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

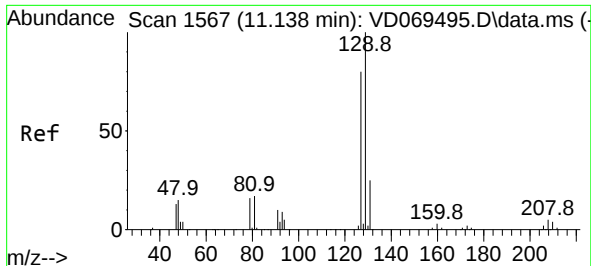
Tgt Ion: 92 Resp: 502
Ion Ratio Lower Upper
92 100
91 189.6 138.9 208.3



#59
2-Hexanone
Concen: 1.661 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.3#

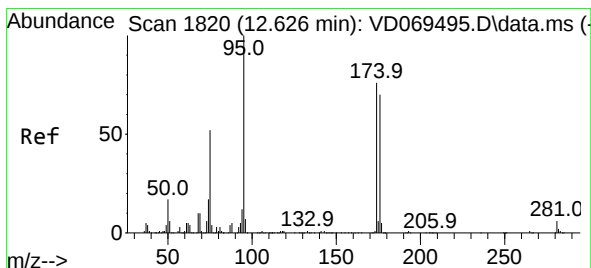
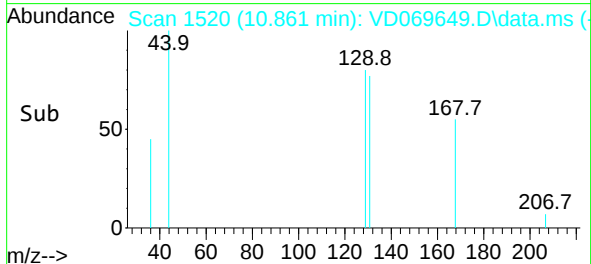
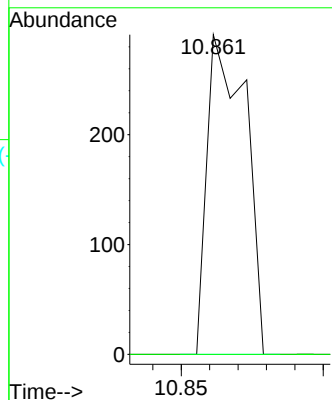
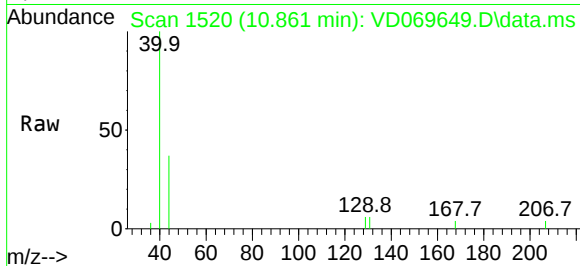




#60
Dibromochloromethane
Concen: 2.756 ug/l
RT: 10.861 min Scan# 1520
Delta R.T. -0.277 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

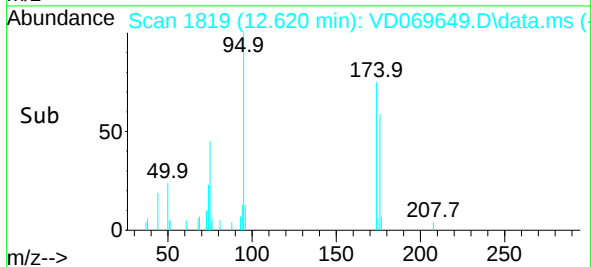
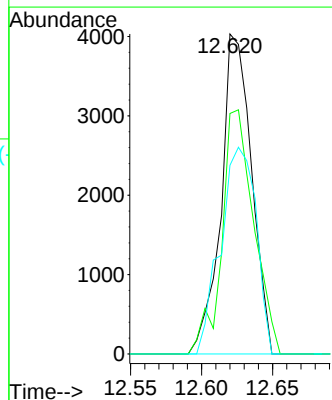
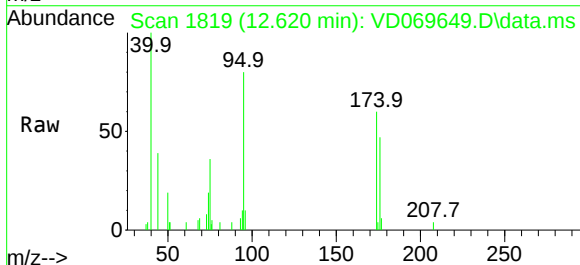
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

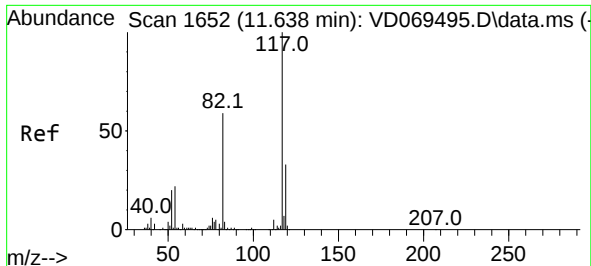
Tgt Ion:129 Resp: 273
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#



#62
4-Bromofluorobenzene
Concen: 46.141 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion: 95 Resp: 6017
Ion Ratio Lower Upper
95 100
174 80.0 0.0 148.0
176 75.6 0.0 139.8

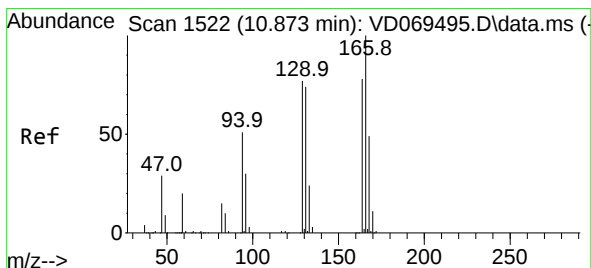
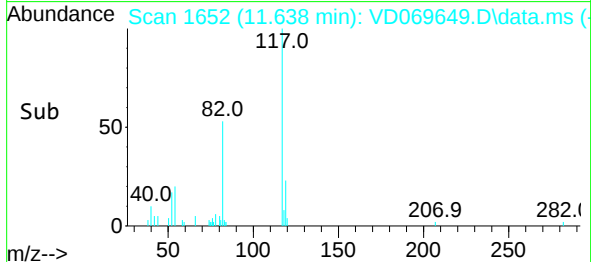
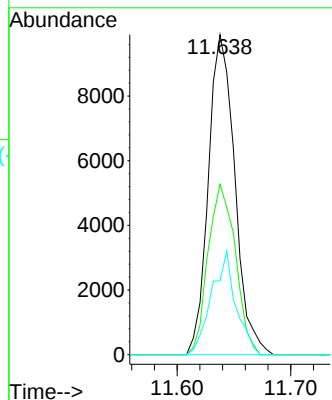
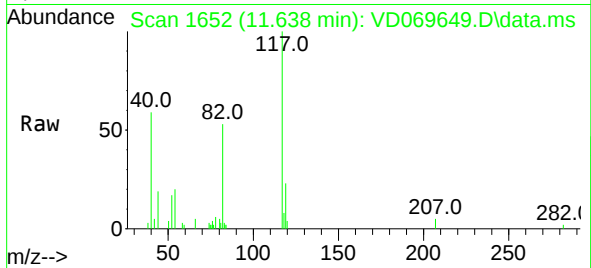




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

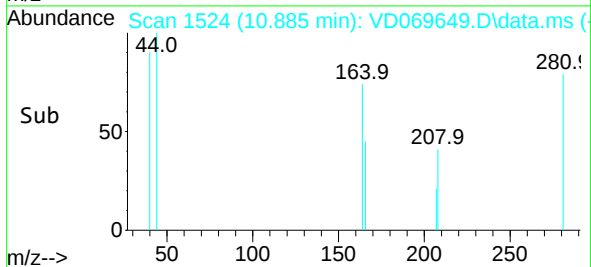
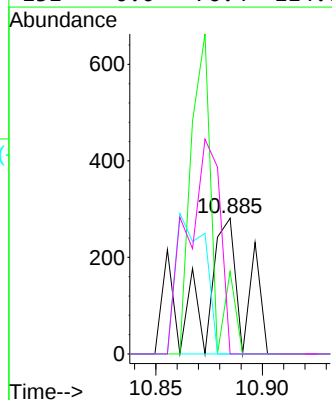
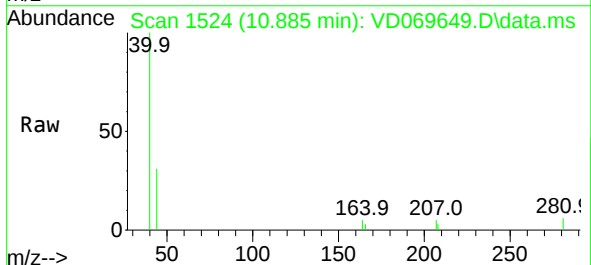
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

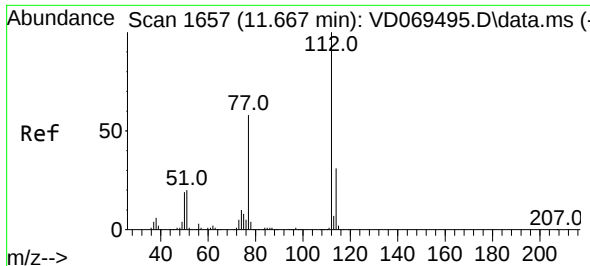
Tgt Ion:	117	Resp:	16030
Ion	Ratio	Lower	Upper
117	100		
82	53.3	46.8	70.2
119	23.0	26.2	39.2#



#64
Tetrachloroethene
Concen: 3.268 ug/l
RT: 10.885 min Scan# 1524
Delta R.T. 0.012 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion:	164	Resp:	329
Ion	Ratio	Lower	Upper
164	100		
166	60.9	102.6	153.8#
129	0.0	79.1	118.7#
131	0.0	76.4	114.6#

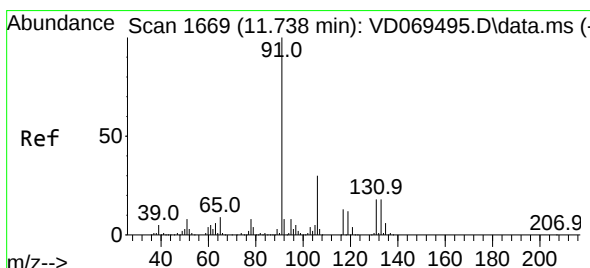
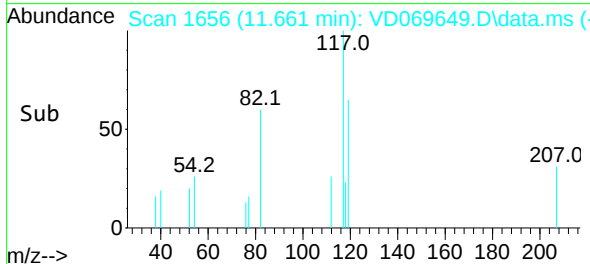
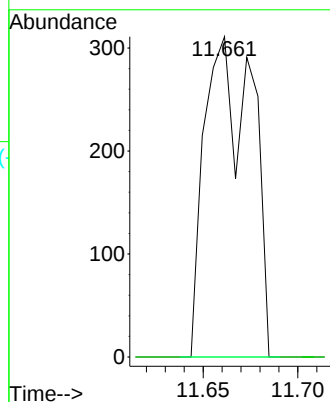
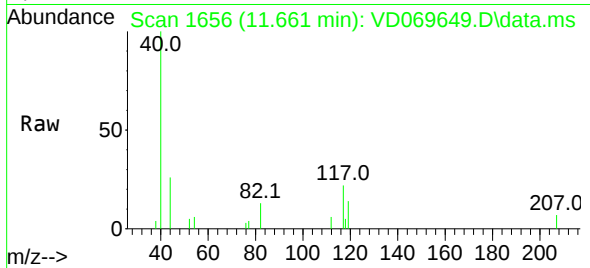




#65
Chlorobenzene
Concen: 1.687 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

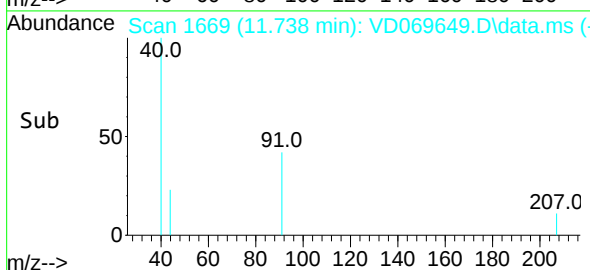
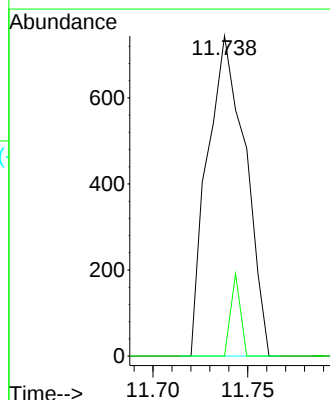
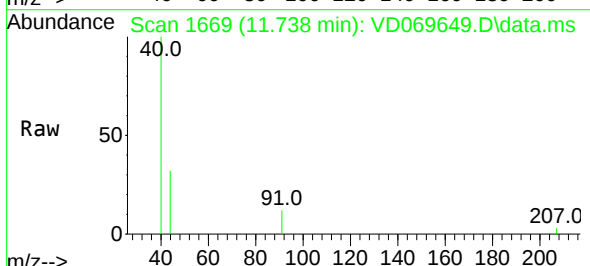
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

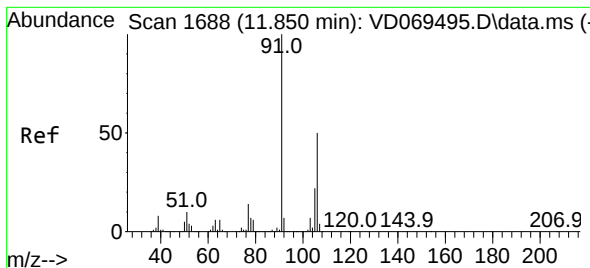
Tgt Ion:112 Resp: 538
Ion Ratio Lower Upper
112 100
114 0.0 24.6 37.0#



#67
Ethyl Benzene
Concen: 1.860 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion: 91 Resp: 1036
Ion Ratio Lower Upper
91 100
106 0.0 24.2 36.4#

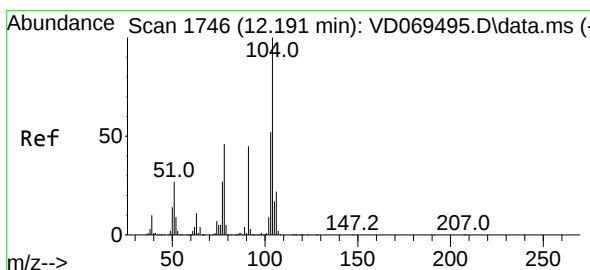
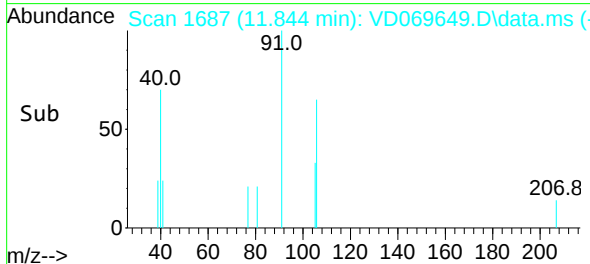
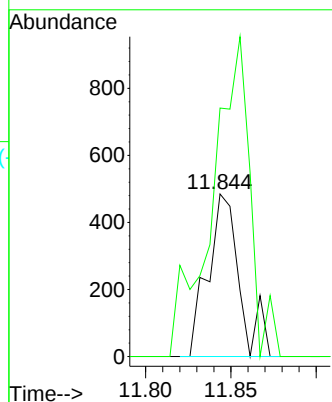
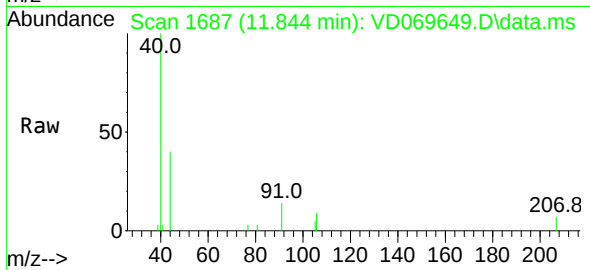




#68
m/p-Xylenes
Concen: 2.980 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

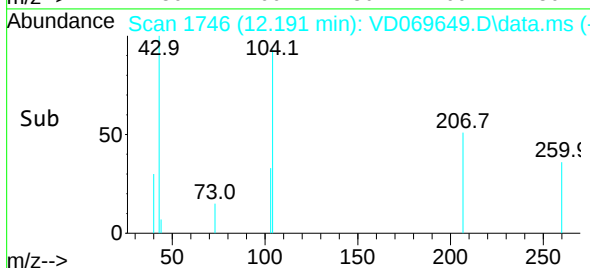
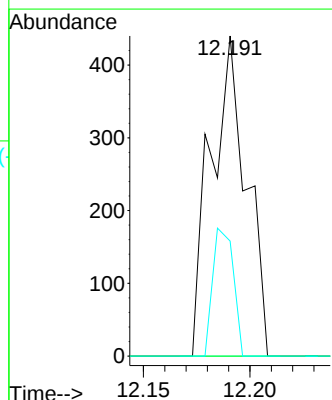
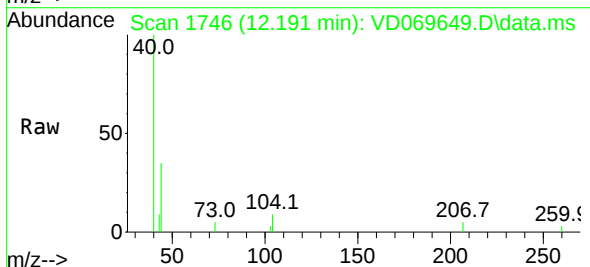
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

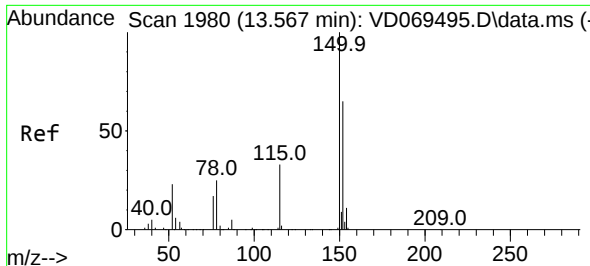
Tgt Ion:106 Resp: 625
Ion Ratio Lower Upper
106 100
91 237.8 164.2 246.4



#70
Styrene
Concen: 1.546 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion:104 Resp: 512
Ion Ratio Lower Upper
104 100
78 0.0 40.2 60.2#
103 23.0 44.3 66.5#

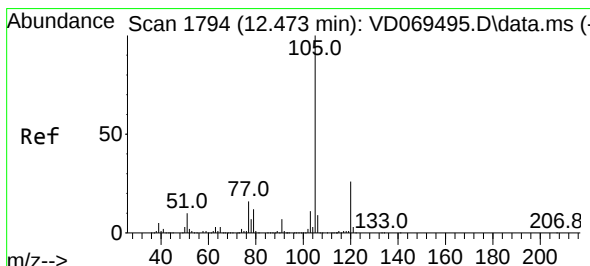
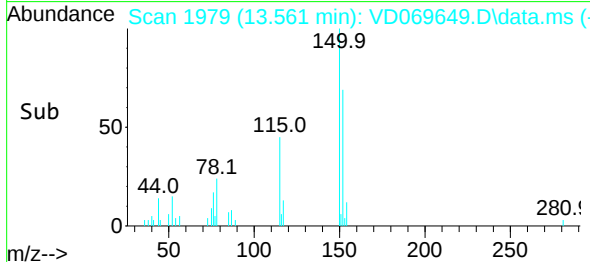
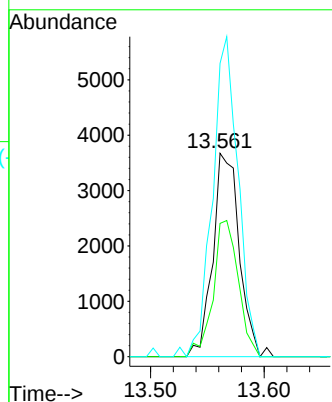
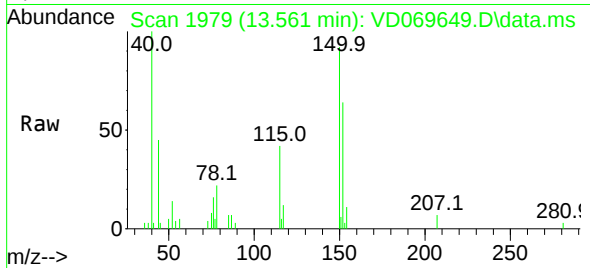




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

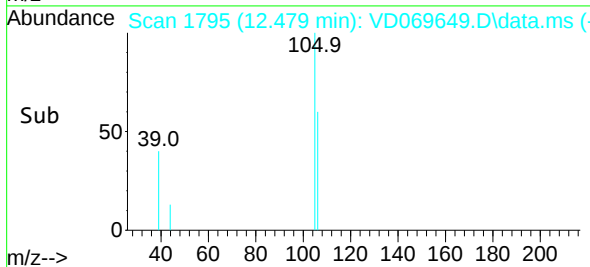
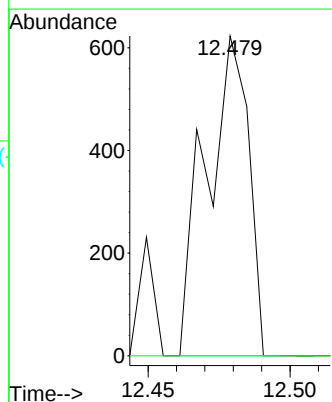
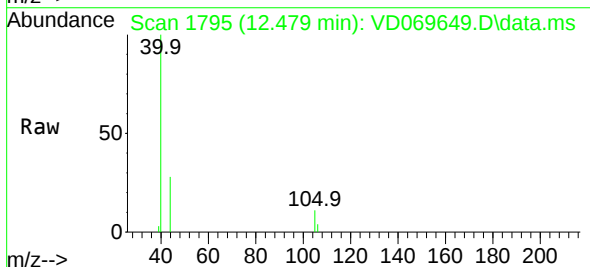
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

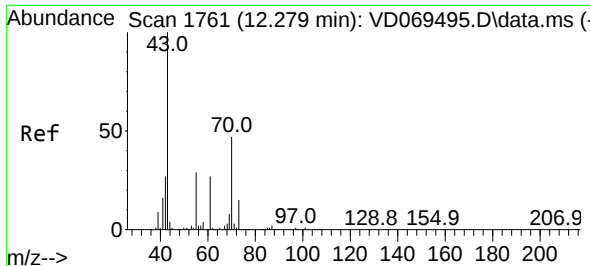
Tgt Ion:	152	Resp:	5954
Ion	Ratio	Lower	Upper
152	100		
115	63.6	31.7	95.1
150	152.4	0.0	350.8



#73
Isopropylbenzene
Concen: 1.585 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

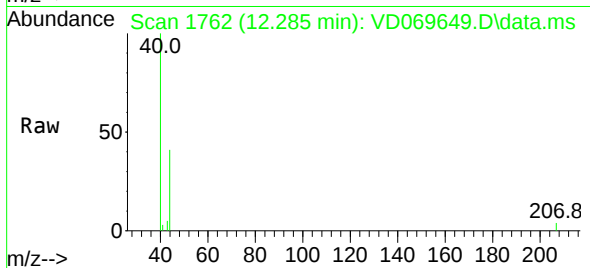
Tgt Ion:	105	Resp:	650
Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.9	38.6#



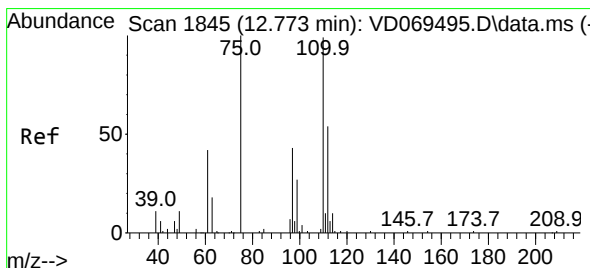
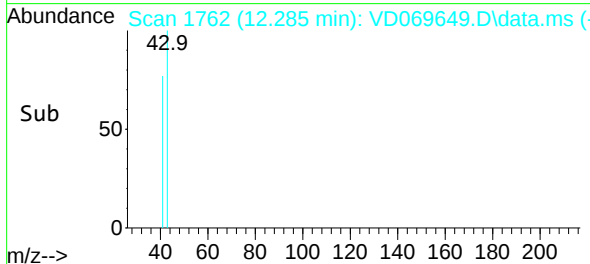
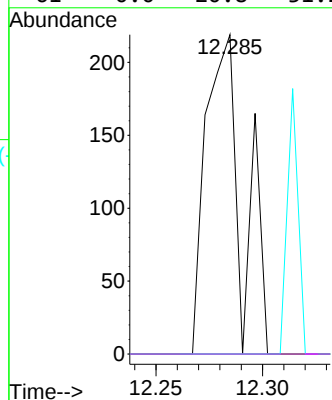


#74
N-amy1 acetate
Concen: 3.134 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

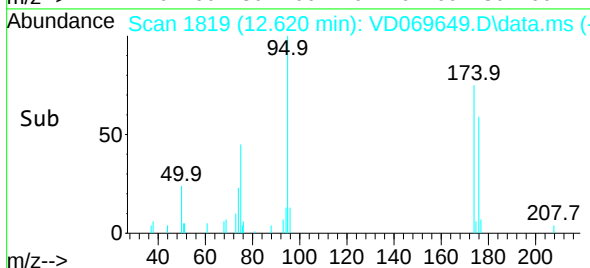
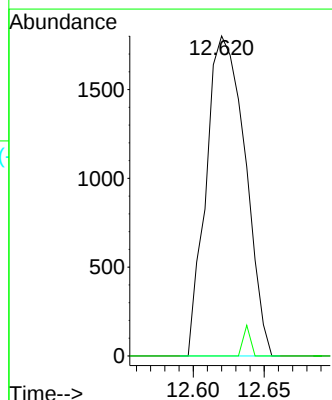
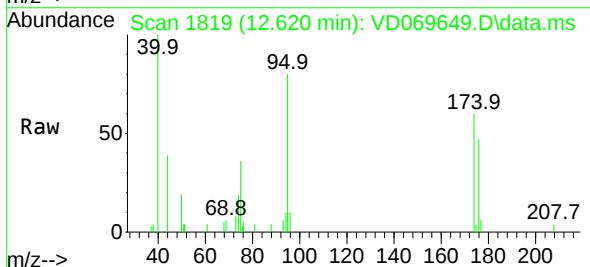


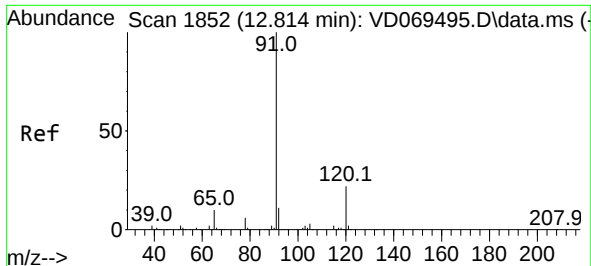
Tgt Ion:	43	Resp:	261
Ion	Ratio	Lower	Upper
43	100		
70	0.0	38.1	57.1#
55	0.0	24.1	36.1#
61	0.0	20.8	31.2#



#76
1,2,3-Trichloropropane
Concen: 58.704 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion:	75	Resp:	3431
Ion	Ratio	Lower	Upper
75	100		
77	1.8	162.6	487.8#

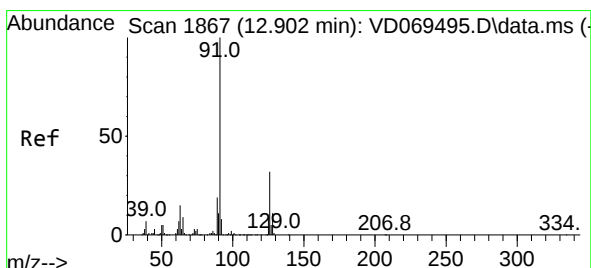
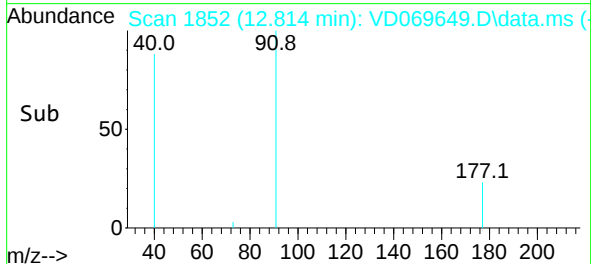
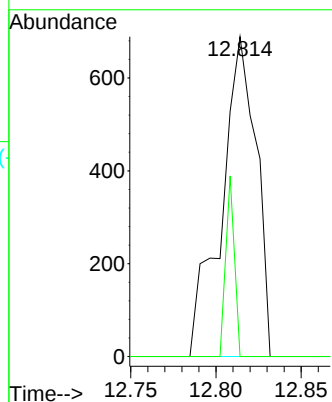
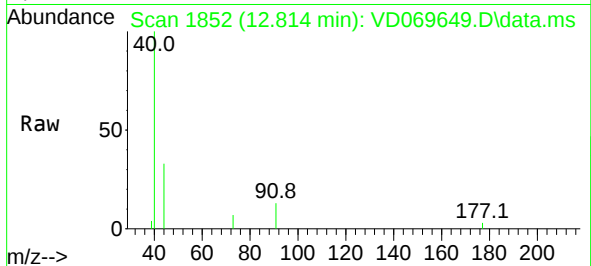




#78
n-propylbenzene
Concen: 1.909 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

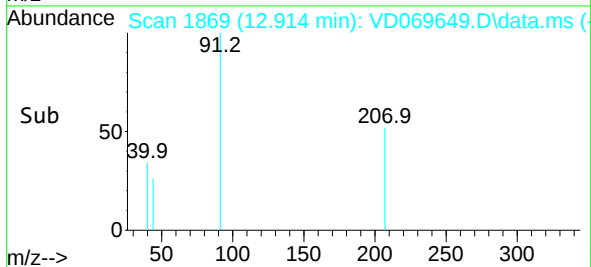
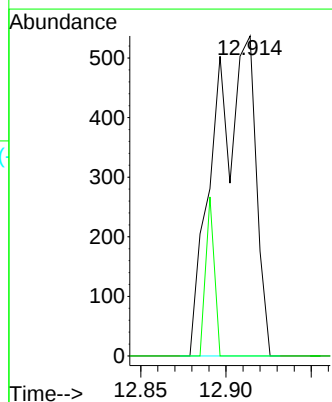
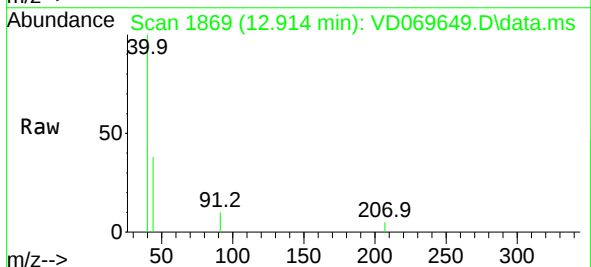
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

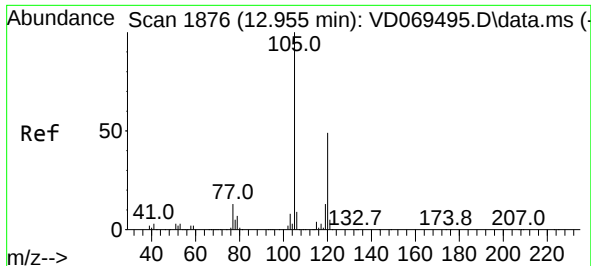
Tgt Ion: 91 Resp: 983
Ion Ratio Lower Upper
91 100
120 13.9 10.9 32.9



#79
2-Chlorotoluene
Concen: 2.992 ug/l
RT: 12.914 min Scan# 1869
Delta R.T. 0.012 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion: 91 Resp: 880
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#

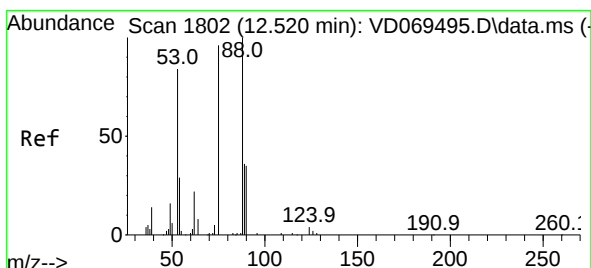
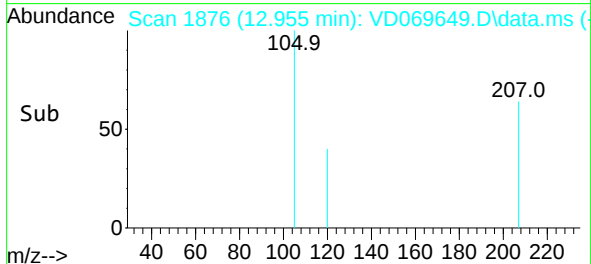
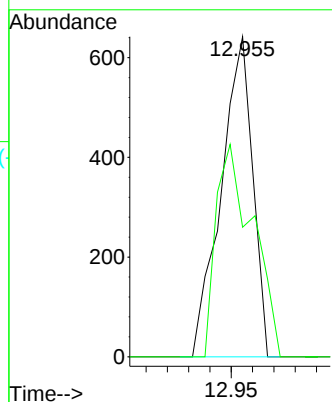
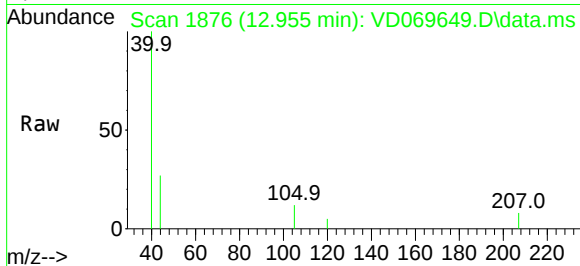




#80
 1,3,5-Trimethylbenzene
 Concen: 1.915 ug/l
 RT: 12.955 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VD069649.D
 Acq: 09 Jul 2021 16:32

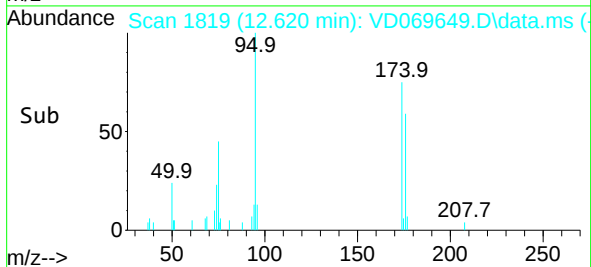
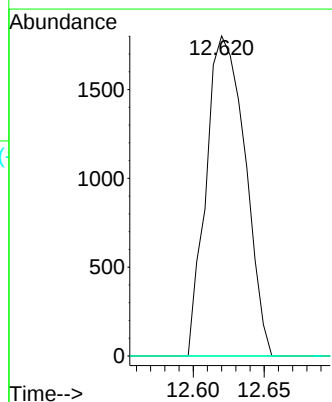
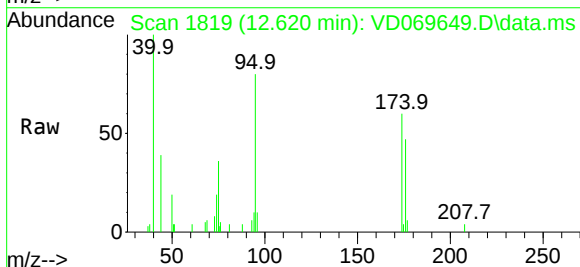
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-ETGI-345

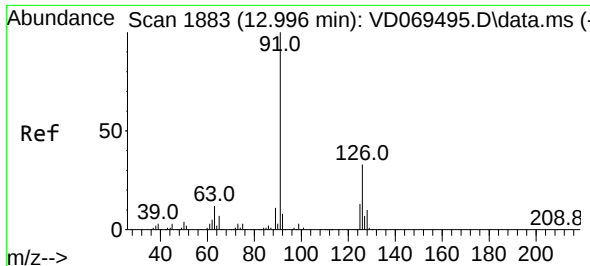
Tgt Ion:105 Resp: 661
 Ion Ratio Lower Upper
 105 100
 120 77.6 23.6 70.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.575 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.100 min
 Lab File: VD069649.D
 Acq: 09 Jul 2021 16:32

Tgt Ion: 75 Resp: 3431
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 112.0#
 89 0.0 35.3 52.9#

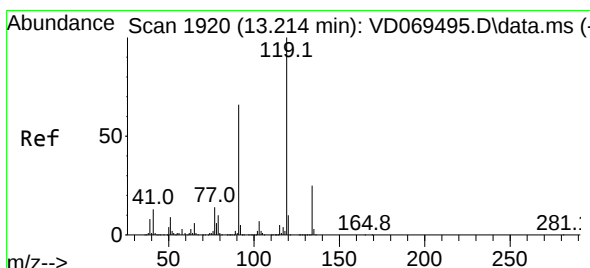
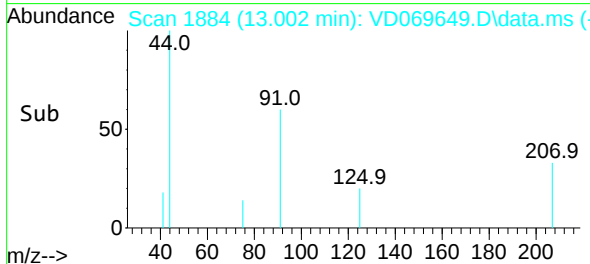
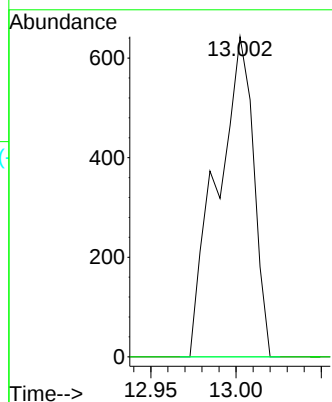
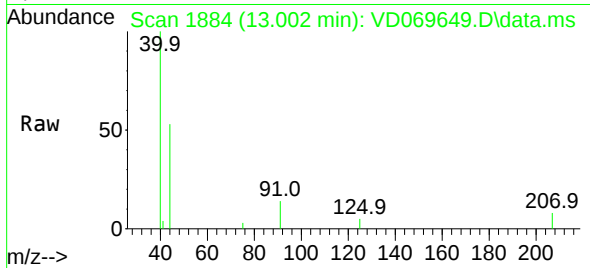




#82
4-Chlorotoluene
Concen: 3.031 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

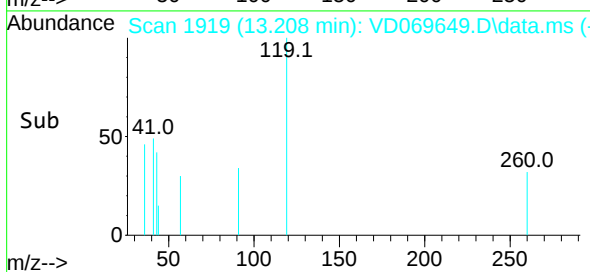
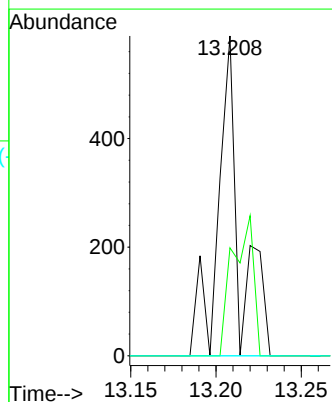
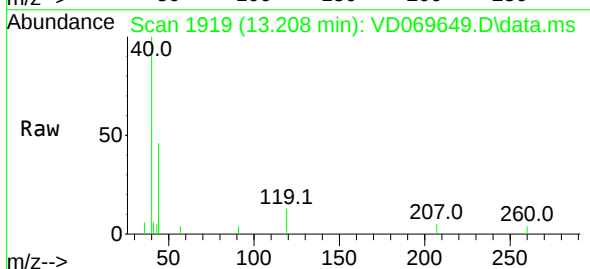
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

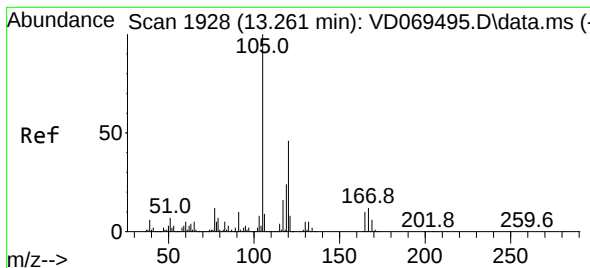
Tgt Ion: 91 Resp: 956
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.5#



#83
tert-Butylbenzene
Concen: 3.632 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion: 119 Resp: 528
Ion Ratio Lower Upper
119 100
91 42.0 32.5 97.4
134 0.0 12.9 38.7#

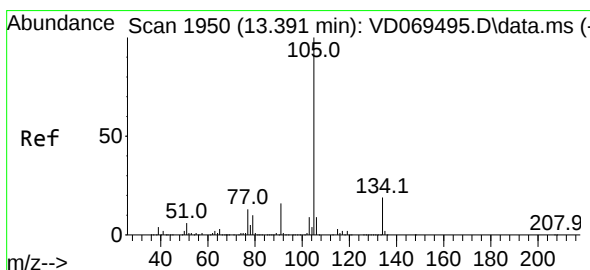
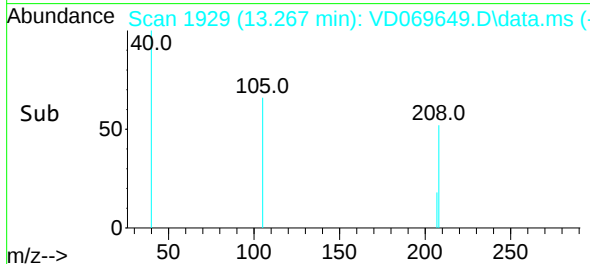
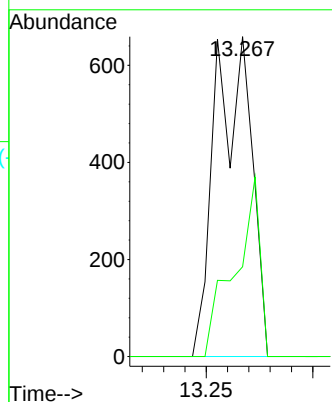
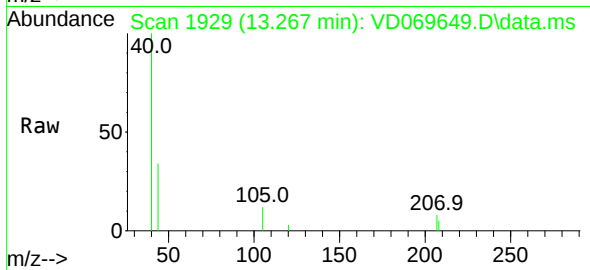




#84
1,2,4-Trimethylbenzene
Concen: 2.273 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

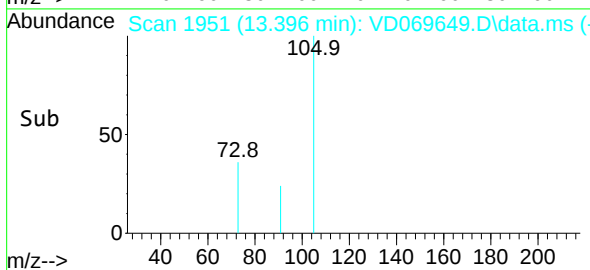
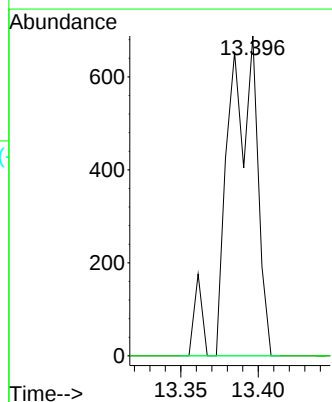
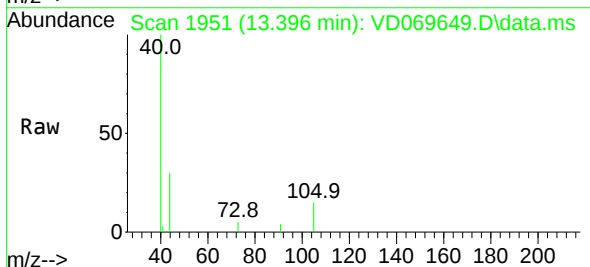
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

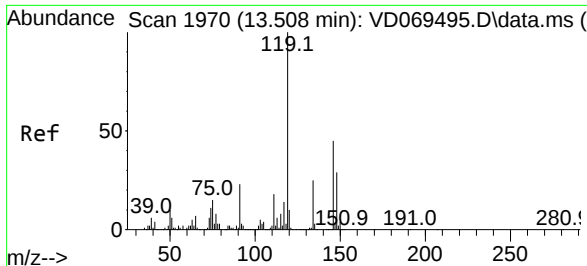
Tgt Ion:105 Resp: 780
Ion Ratio Lower Upper
105 100
120 39.2 22.6 67.8



#85
sec-Butylbenzene
Concen: 2.082 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion:105 Resp: 896
Ion Ratio Lower Upper
105 100
134 0.0 9.5 28.5#

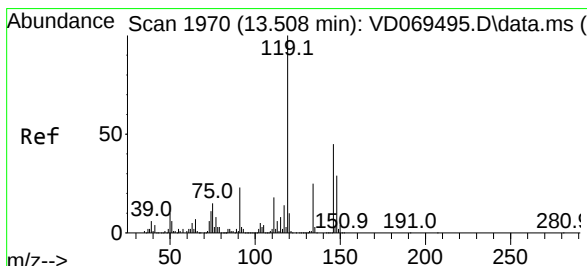
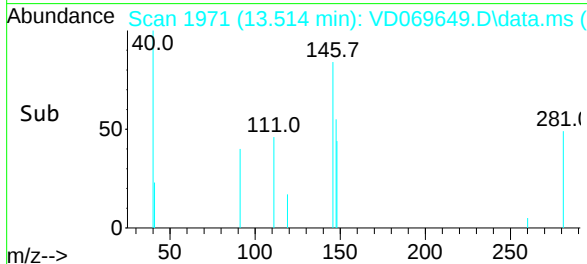
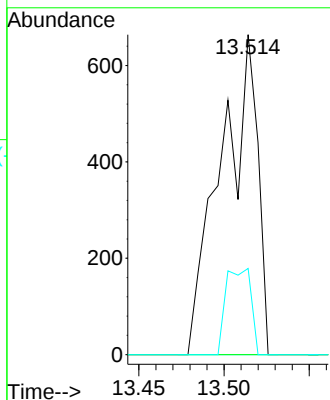
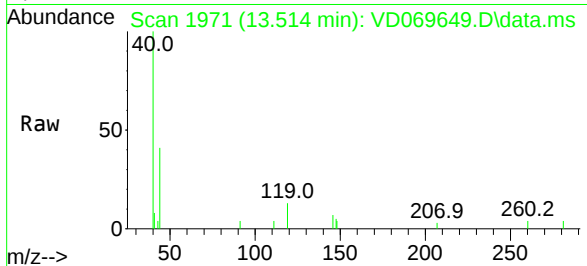




#86
p-Isopropyltoluene
Concen: 2.727 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

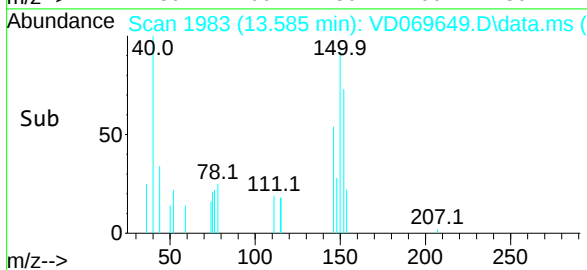
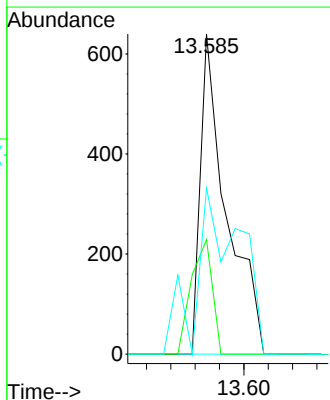
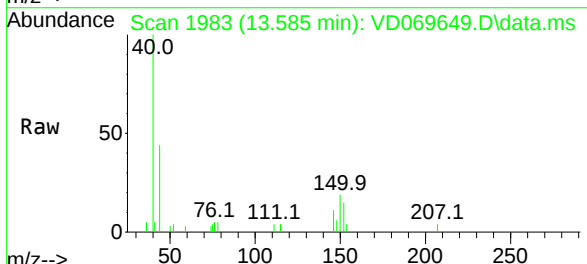
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

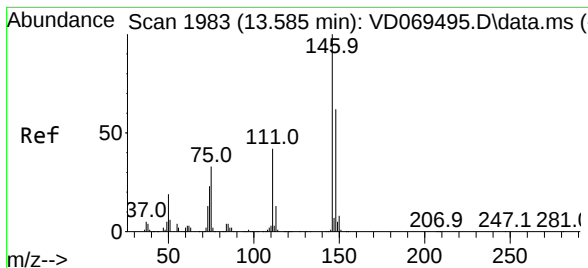
Tgt Ion:119 Resp: 988
Ion Ratio Lower Upper
119 100
134 0.0 12.6 37.6#
91 18.5 11.8 35.4



#87
1,3-Dichlorobenzene
Concen: 2.490 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.076 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion:146 Resp: 475
Ion Ratio Lower Upper
146 100
111 28.8 21.1 63.1
148 86.5 31.6 94.8

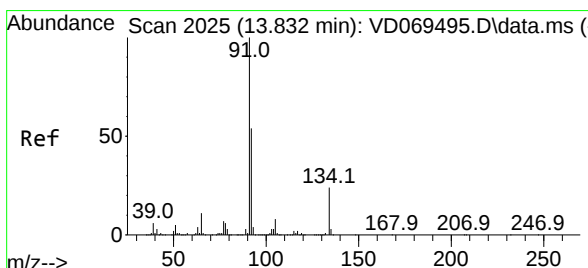
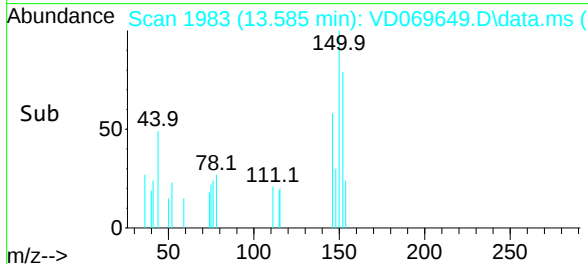
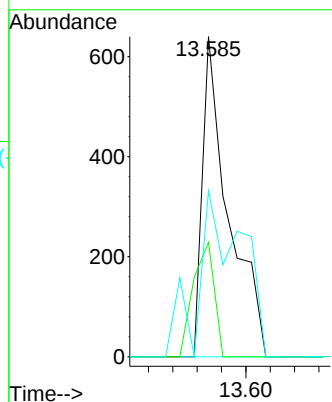
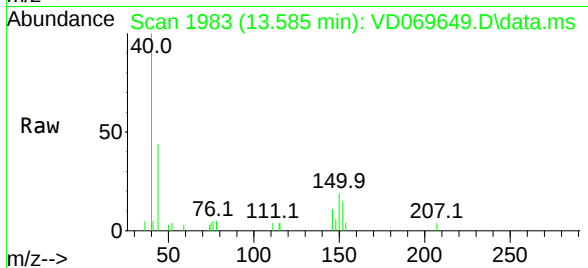




#88
1,4-Dichlorobenzene
Concen: 2.499 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

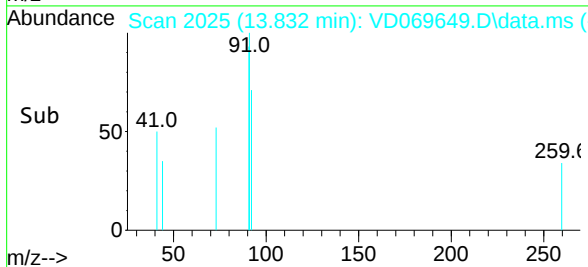
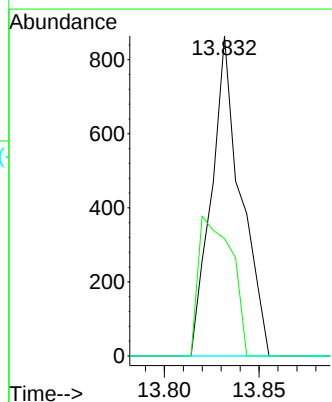
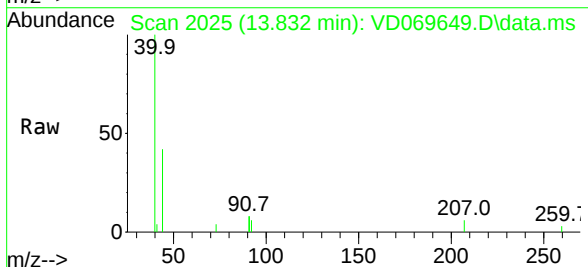
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

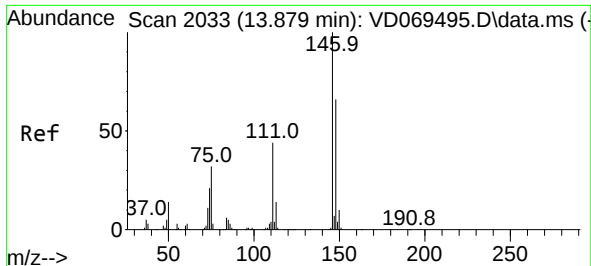
Tgt Ion:	146	Resp:	475
Ion	Ratio	Lower	Upper
146	100		
111	28.8	20.7	62.1
148	86.5	31.6	94.7



#89
n-Butylbenzene
Concen: 2.570 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion:	91	Resp:	929
Ion	Ratio	Lower	Upper
91	100		
92	49.3	26.5	79.5
134	0.0	11.9	35.9#

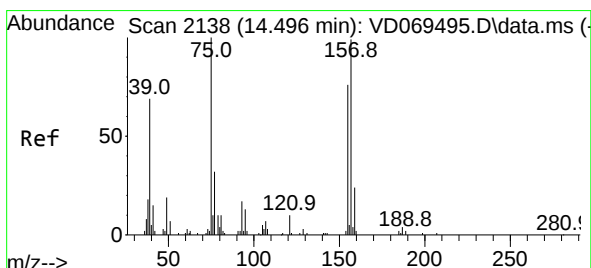
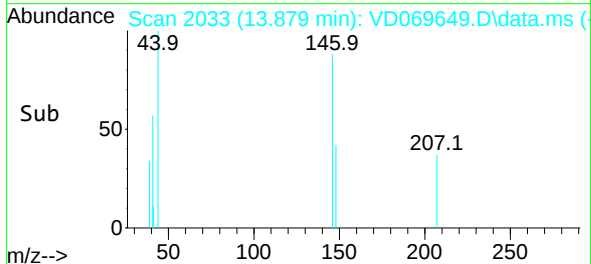
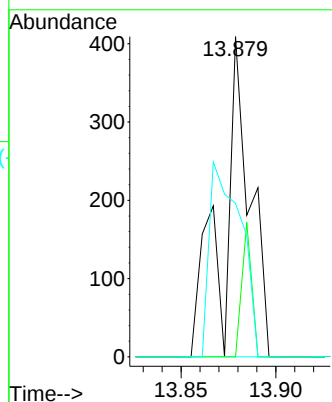
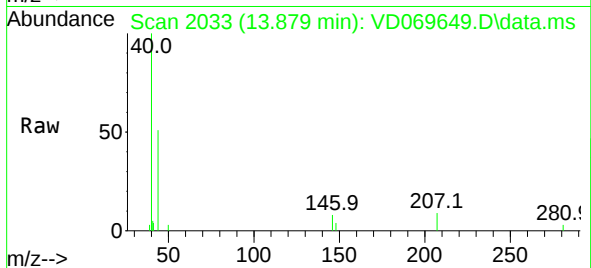




#91
1,2-Dichlorobenzene
Concen: 2.472 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

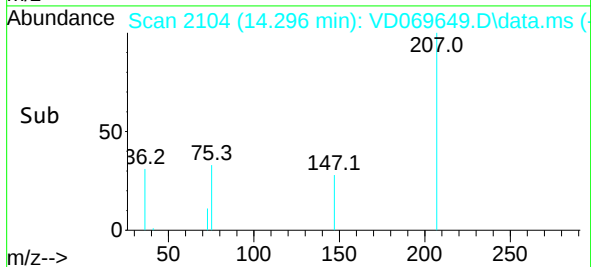
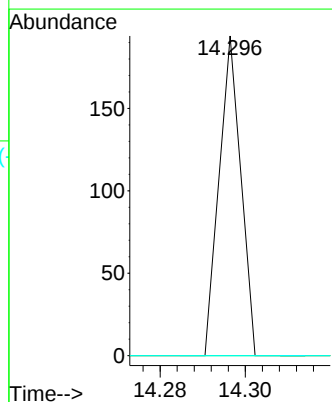
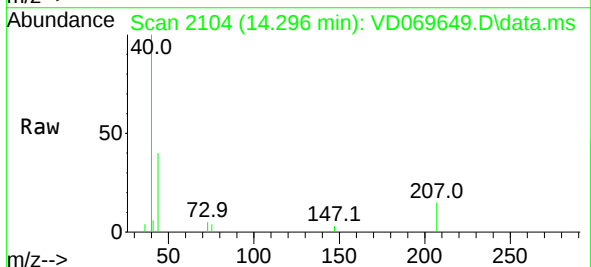
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

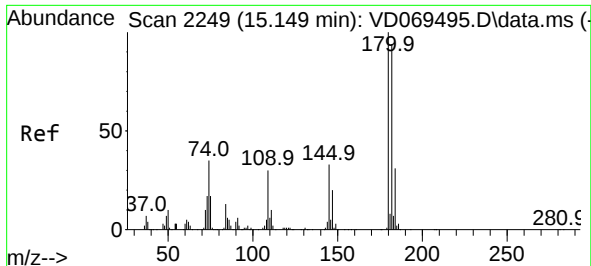
Tgt Ion:146 Resp: 408
Ion Ratio Lower Upper
146 100
111 15.0 21.8 65.4#
148 69.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.439 ug/l
RT: 14.296 min Scan# 2104
Delta R.T. -0.200 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion: 75 Resp: 68
Ion Ratio Lower Upper
75 100
155 0.0 39.4 118.1#
157 0.0 51.2 153.6#

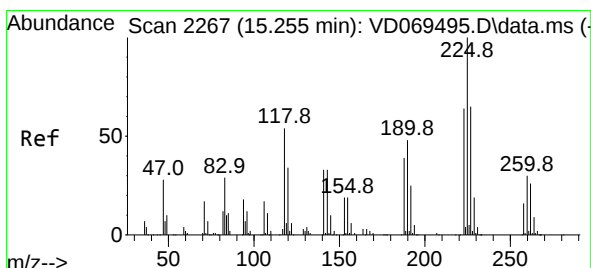
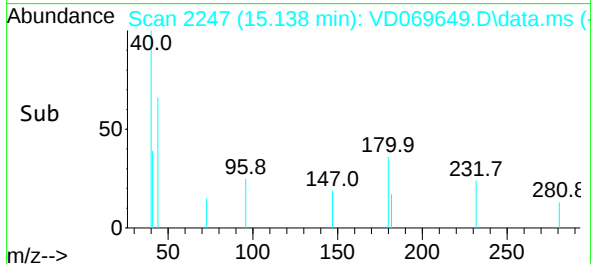
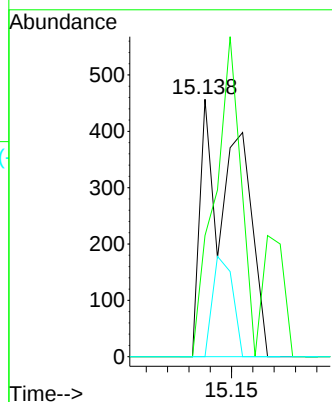
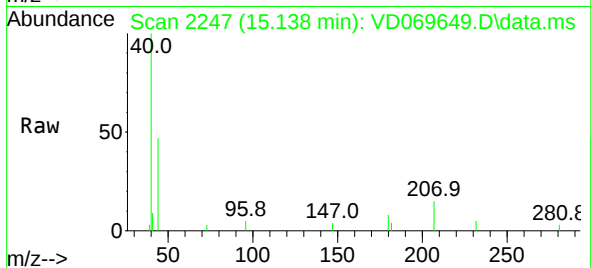




#93
1,2,4-Trichlorobenzene
Concen: 6.126 ug/l
RT: 15.138 min Scan# 2247
Delta R.T. -0.012 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

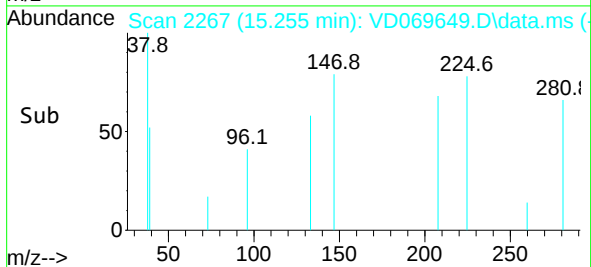
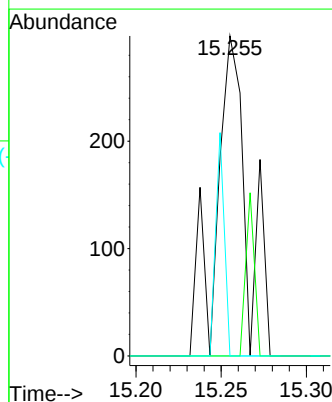
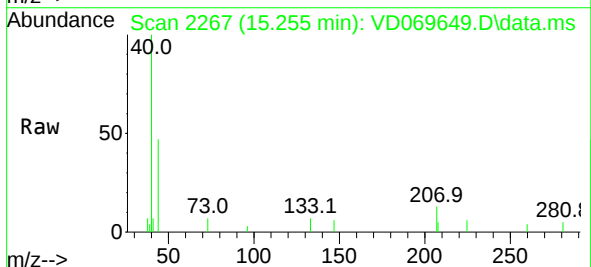
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

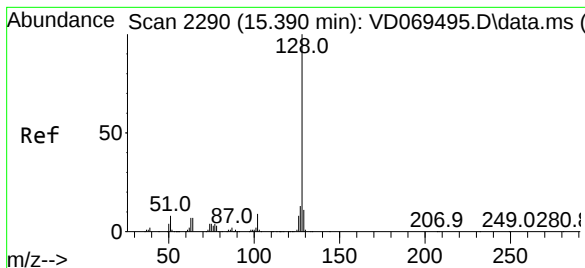
Tgt Ion:180 Resp: 564
Ion Ratio Lower Upper
180 100
182 85.6 47.2 141.6
145 20.6 16.1 48.2



#94
Hexachlorobutadiene
Concen: 6.526 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion:225 Resp: 377
Ion Ratio Lower Upper
225 100
223 14.3 31.4 94.2#
227 19.4 31.8 95.3#

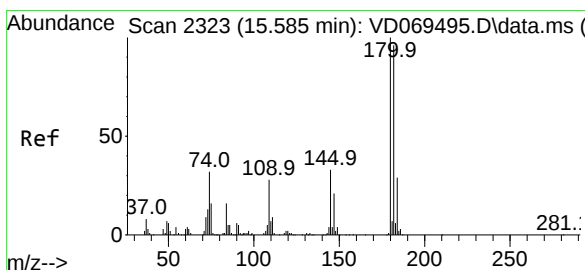
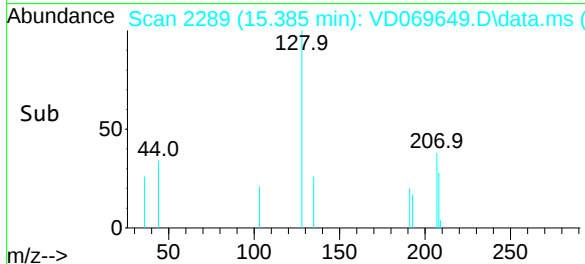
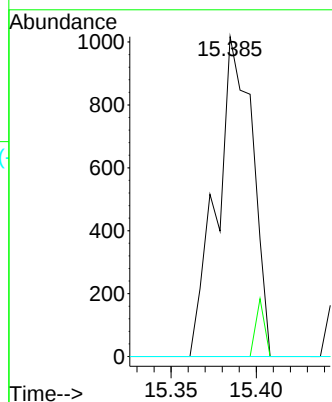
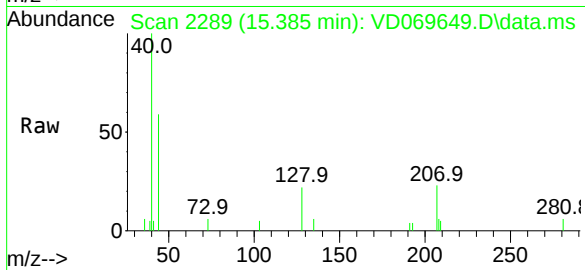




#95
Naphthalene
Concen: 10.813 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.005 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

Tgt Ion:128 Resp: 1483
Ion Ratio Lower Upper
128 100
127 4.4 10.6 16.0#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 5.829 ug/l
RT: 15.585 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion:180 Resp: 473
Ion Ratio Lower Upper
180 100
182 103.8 47.6 142.8
145 0.0 17.1 51.2#

