

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
 Data File : VD069334.D
 Acq On : 03 Jun 2021 19:32
 Operator : VA/SY
 Sample : M2583-05
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 04 09:38:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	335983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	631861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	239759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	59468	50.00	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.337	65	187664	58.21	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.42%	
35) Dibromofluoromethane	7.920	113	217187	54.74	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.48%	
50) Toluene-d8	10.355	98	1266306	87.76	ug/l	0.02
Spiked Amount	50.000	Range	49 - 140	Recovery	= 175.52%#	
62) 4-Bromofluorobenzene	12.620	95	227643	48.15	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.30%	

Target Compounds						Qvalue
8) Diethyl Ether	3.702	74	65460	42.12	ug/l #	7
9) 1,1,2-Trichlorotrifluo...	4.179	101	115268	30.94	ug/l #	19
10) Methyl Iodide	4.320	142	147	2.55	ug/l #	39
11) Tert butyl alcohol	5.226	59	684767	3840.73	ug/l #	73
13) Acrolein	3.873	56	246511	1083.98	ug/l #	1
14) Allyl chloride	4.808	41	303963	74.76	ug/l #	42
15) Acrylonitrile	5.485	53	741175	1223.21	ug/l #	40
17) Carbon Disulfide	4.361	76	139026	12.48	ug/l	96
18) Methyl Acetate	4.720	43	1177097	773.17	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	1417613	229.05	ug/l #	1
20) Methylene Chloride	4.961	84	35614	2.19	ug/l #	1
22) Diisopropyl ether	6.367	45	459958	58.90	ug/l #	95
23) Vinyl Acetate	6.279	43	260954	61.48	ug/l #	69
24) 1,1-Dichloroethane	6.267	63	28691	4.39	ug/l #	81
25) 2-Butanone	7.208	43	1733407	2341.54	ug/l	97
26) 2,2-Dichloropropane	7.026	77	176337	29.28	ug/l #	51
28) Bromochloromethane	7.737	49	39620	17.49	ug/l #	7
29) Tetrahydrofuran	7.567	42	25845	60.74	ug/l #	62
30) Chloroform	7.732	83	172038	24.08	ug/l #	1
31) Cyclohexane	7.979	56	21177728	4134.22	ug/l #	74
36) 1,1-Dichloropropene	7.979	75	44620	7.27	ug/l #	43
37) Ethyl Acetate	7.296	43	396469	190.12	ug/l #	91
38) Carbon Tetrachloride	7.985	117	33121	4.99	ug/l #	15
39) Methylcyclohexane	9.355	83	22955892	3653.79	ug/l #	87
41) Methacrylonitrile	7.567	41	116776	115.34	ug/l #	32
42) 1,2-Dichloroethane	8.473	62	44844	9.42	ug/l #	1
43) Isopropyl Acetate	8.455	43	6270717	1652.22	ug/l #	46
44) Trichloroethene	9.120	130	5635	1.16	ug/l #	1
45) 1,2-Dichloropropane	9.408	63	22844	5.38	ug/l #	1
46) Dibromomethane	9.432	93	14181	5.84	ug/l #	1
47) Bromodichloromethane	9.643	83	601108	96.03	ug/l #	32
48) Methyl methacrylate	9.461	41	3583871	2033.95	ug/l	90
49) 1,4-Dioxane	9.467	88	13925	583.99	ug/l #	27
51) 4-Methyl-2-Pentanone	10.267	43	1747925	891.67	ug/l #	48
53) t-1,3-Dichloropropene	10.414	75	1365946	244.35	ug/l #	1
54) cis-1,3-Dichloropropene	9.884	75	7634	1.15	ug/l #	1

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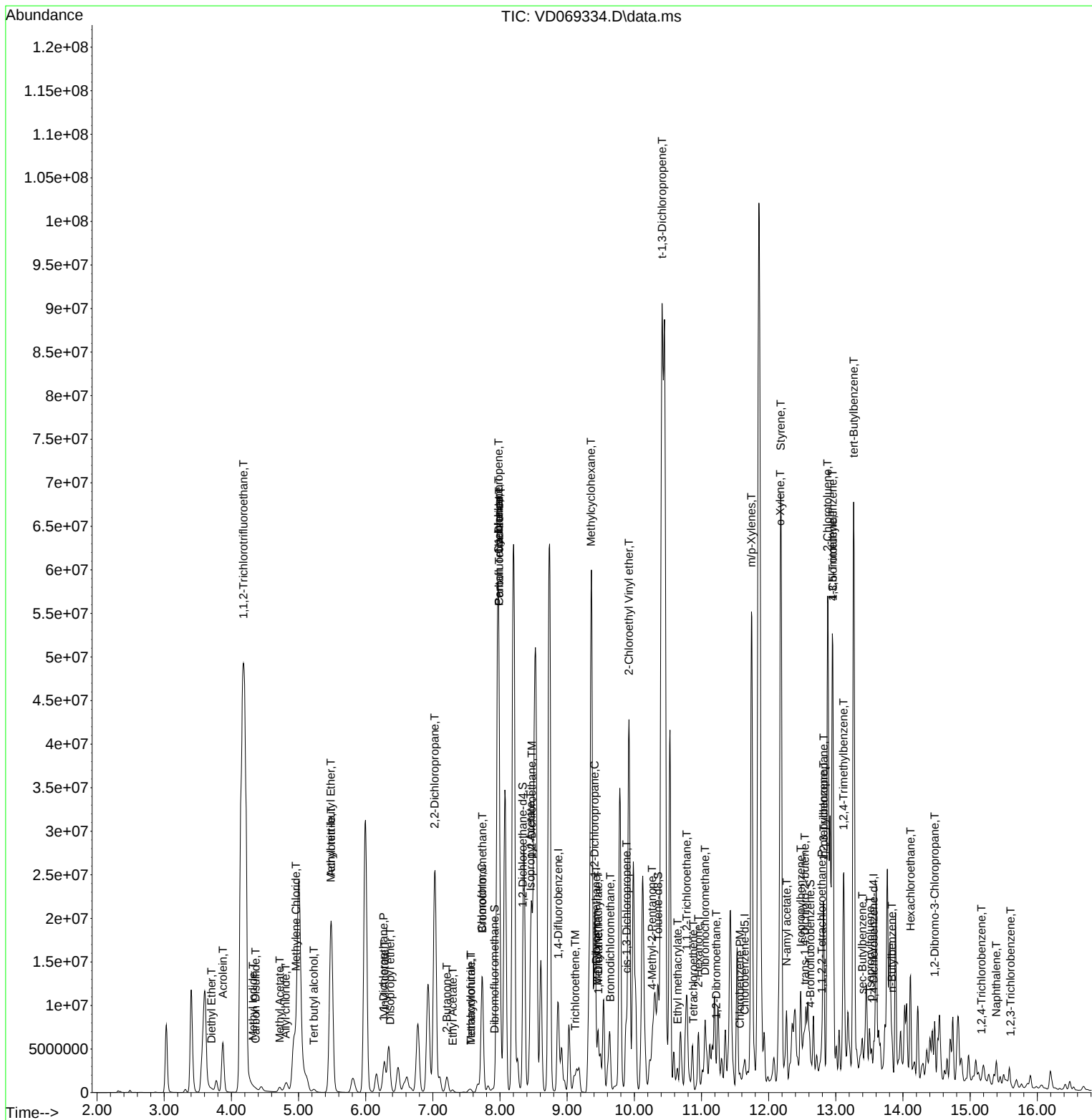
Instrument :
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 ClientSampleId :

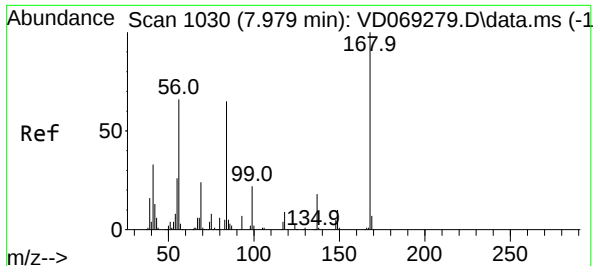
Quant Time: Jun 04 09:38:36 2021
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 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 1,1,2-Trichloroethane	10.779	97	3650571	1084.17	ug/l #	25
56) Ethyl methacrylate	10.643	69	355288	90.28	ug/l #	31
58) 2-Chloroethyl Vinyl ether	9.920	63	90189	57.20	ug/l #	44
59) 2-Hexanone	10.955	43	2364531	1804.47	ug/l #	28
60) Dibromochloromethane	11.055	129	17150	4.04	ug/l	82
61) 1,2-Dibromoethane	11.220	107	7110	2.21	ug/l #	1
64) Tetrachloroethene	10.879	164	91173	54.63	ug/l	92
65) Chlorobenzene	11.573	112	28413	5.80	ug/l #	43
68) m/p-Xylenes	11.743	106	16787926	5089.64	ug/l #	1
69) o-Xylene	12.173	106	20003815	6857.03	ug/l #	1
70) Styrene	12.178	104	1560836	308.21	ug/l #	1
73) Isopropylbenzene	12.478	105	5915616	1453.51	ug/l	98
74) N-amyl acetate	12.267	43	1732259	2410.15	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.790	83	380730	501.11	ug/l #	89
76) 1,2,3-Trichloropropane	12.820	75	102958	199.27	ug/l #	1
78) n-propylbenzene	12.814	91	15521501	3109.62	ug/l	87
79) 2-Chlorotoluene	12.878	91	8356860	2945.27	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.955	105	14857465	4310.43	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.537	75	39718	170.35	ug/l #	59
82) 4-Chlorotoluene	12.955	91	1875854	628.42	ug/l #	43
83) tert-Butylbenzene	13.267	119	7286028	2524.07	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.114	105	15032699	4385.27	ug/l	86
85) sec-Butylbenzene	13.396	105	1965992	461.43	ug/l #	68
86) p-Isopropyltoluene	13.514	119	1122192	301.23	ug/l	99
89) n-Butylbenzene	13.837	91	2190235	628.38	ug/l #	71
90) Hexachloroethane	14.114	117	593462	838.58	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.472	75	23084	190.73	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.167	180	3564	3.48	ug/l #	13
95) Naphthalene	15.390	128	2429548	1121.44	ug/l	98
96) 1,2,3-Trichlorobenzene	15.602	180	10916	12.09	ug/l #	13

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

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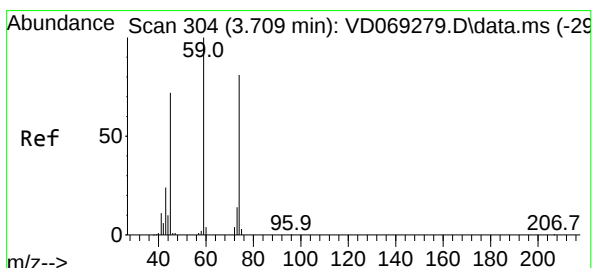
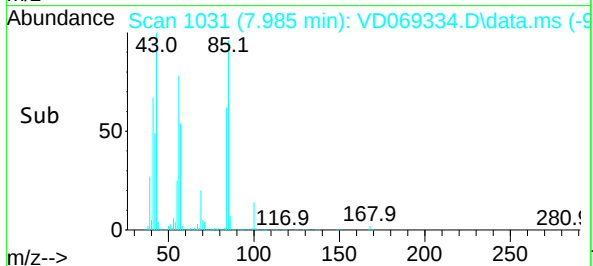
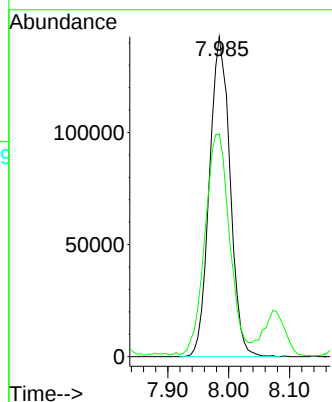
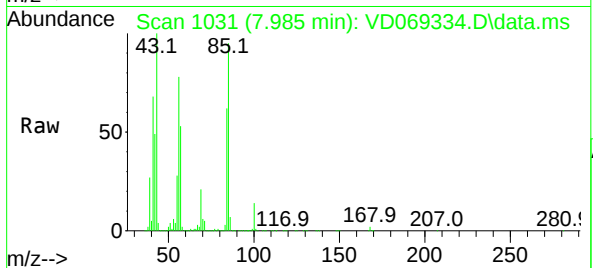




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

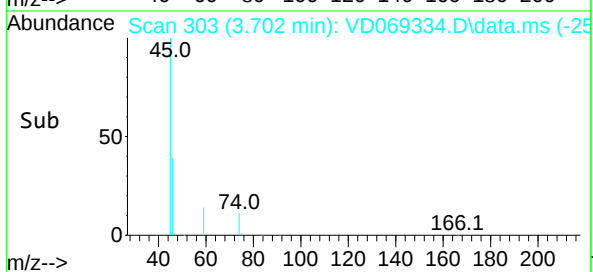
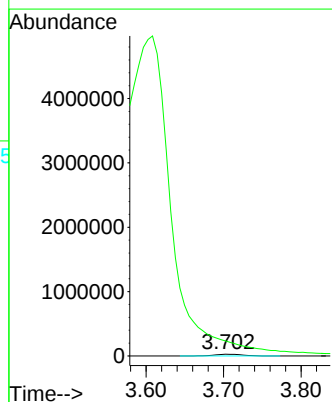
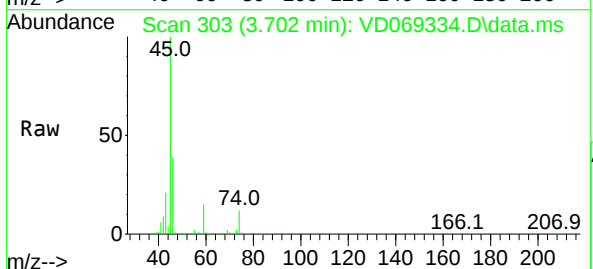
Instrument :
MSVOA_D
ClientSampled :

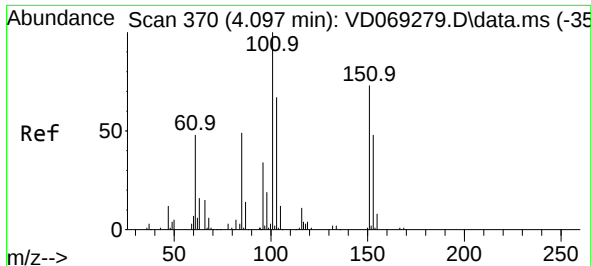
Tgt Ion:168 Resp: 335983
Ion Ratio Lower Upper
168 100
99 69.0 46.2 69.2



#8
Diethyl Ether
Concen: 42.12 ug/l
RT: 3.702 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion: 74 Resp: 65460
Ion Ratio Lower Upper
74 100
45 0.0 42.4 127.3#

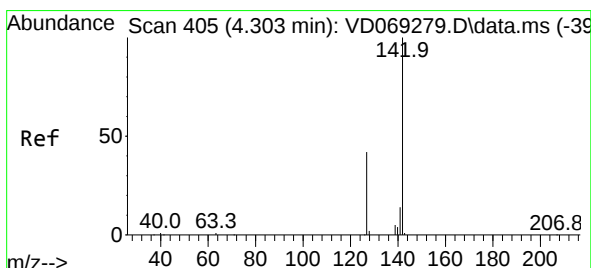
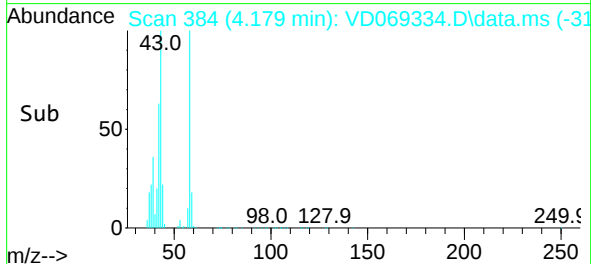
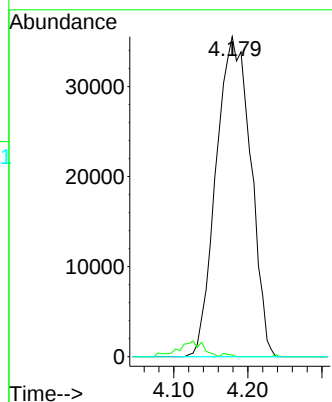
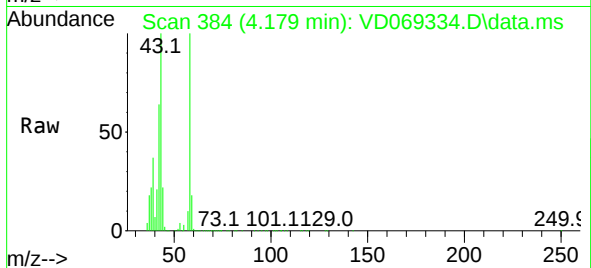




#9
1,1,2-Trichlorotrifluoroethane
Concen: 30.94 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.082 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

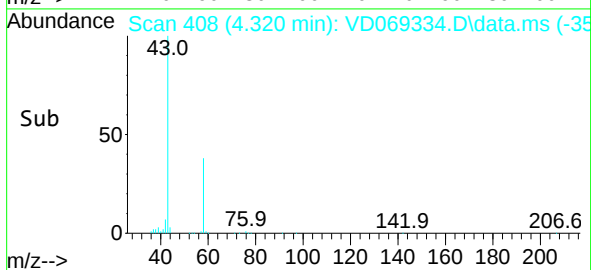
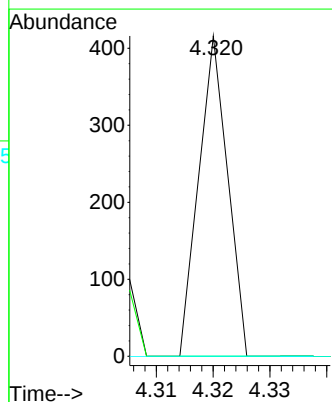
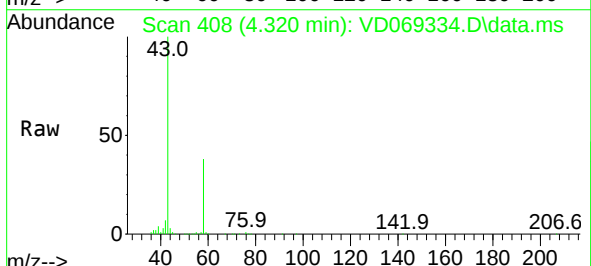
Instrument :
MSVOA_D
ClientSampled :

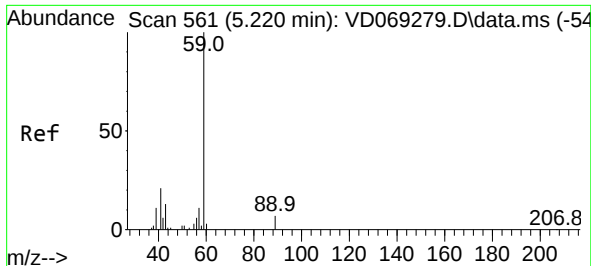
Tgt Ion:101 Resp: 115268
Ion Ratio Lower Upper
101 100
85 0.3 35.1 52.7#
151 0.0 60.2 90.2#



#10
Methyl Iodide
Concen: 2.55 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion:142 Resp: 147
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#

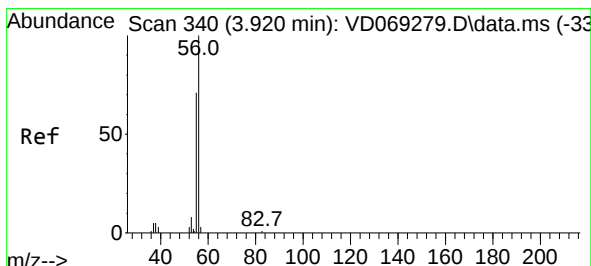
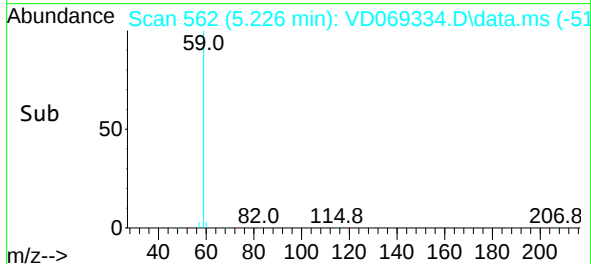
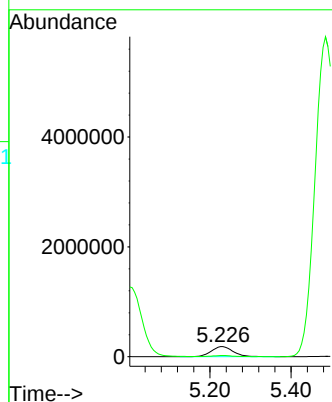
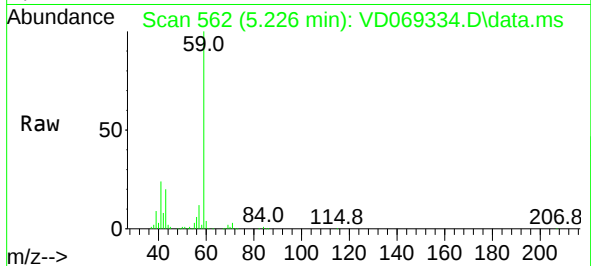




#11
Tert butyl alcohol
Concen: 3840.73 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

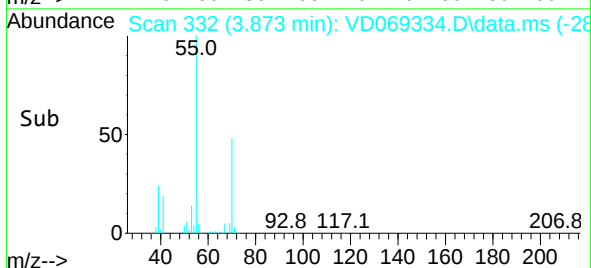
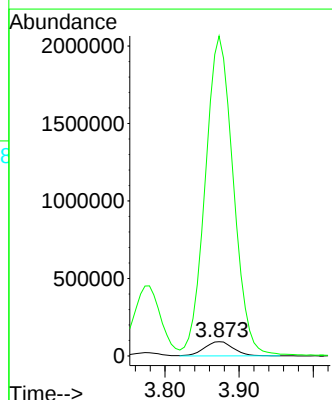
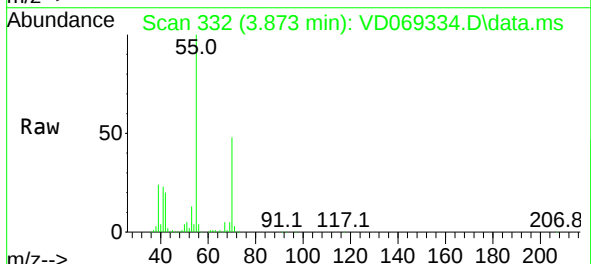
Instrument :
MSVOA_D
ClientSampled :

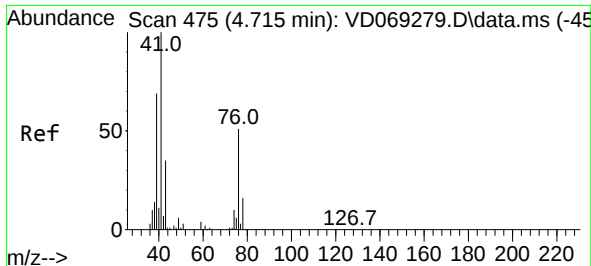
Tgt Ion: 59 Resp: 684767
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 1083.98 ug/l
RT: 3.873 min Scan# 332
Delta R.T. -0.047 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

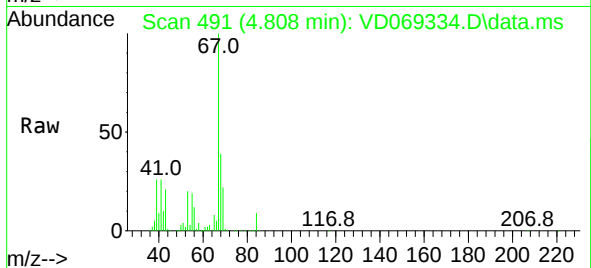
Tgt Ion: 56 Resp: 246511
Ion Ratio Lower Upper
56 100
55 2200.2 53.8 80.8#



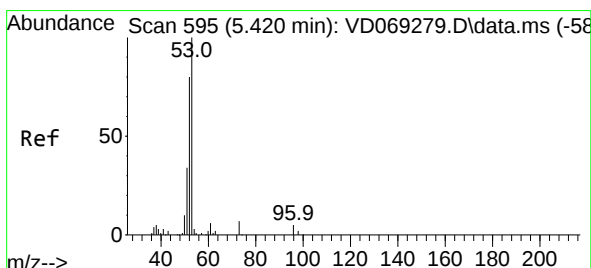
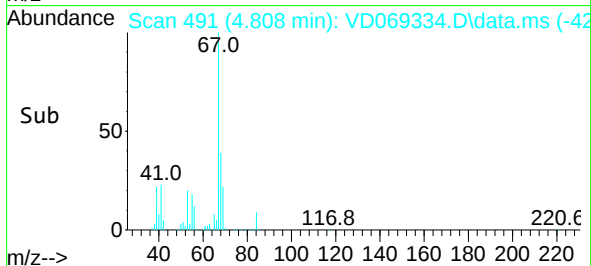
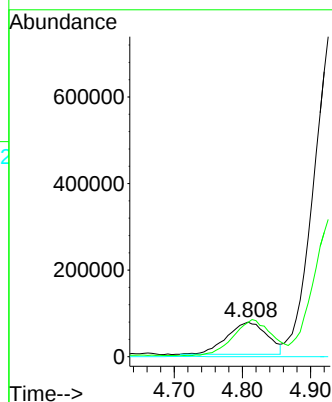


#14
 Allyl chloride
 Concen: 74.76 ug/l
 RT: 4.808 min Scan# 491
 Delta R.T. 0.094 min
 Lab File: VD069334.D
 Acq: 03 Jun 2021 19:32

Instrument :
 MSVOA_D
 ClientSampled :

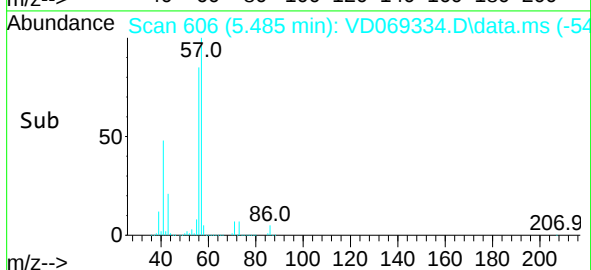
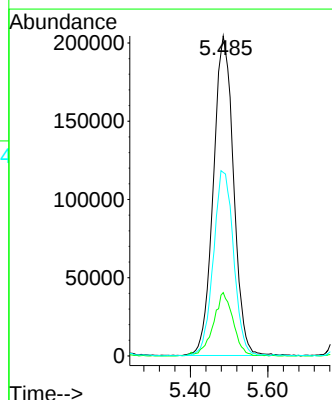
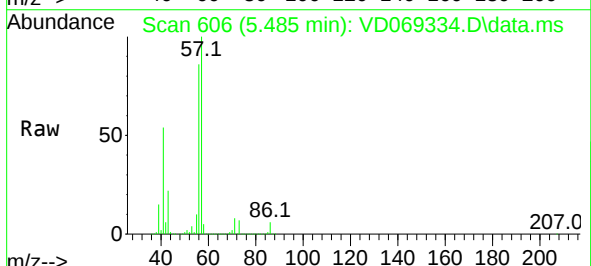


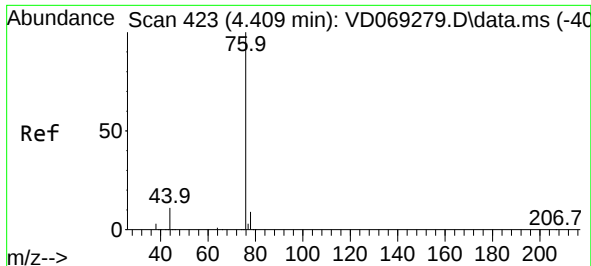
Tgt Ion: 41 Resp: 303963
 Ion Ratio Lower Upper
 41 100
 39 110.4 56.1 84.1#
 76 0.0 37.9 56.9#



#15
 Acrylonitrile
 Concen: 1223.21 ug/l
 RT: 5.485 min Scan# 606
 Delta R.T. 0.064 min
 Lab File: VD069334.D
 Acq: 03 Jun 2021 19:32

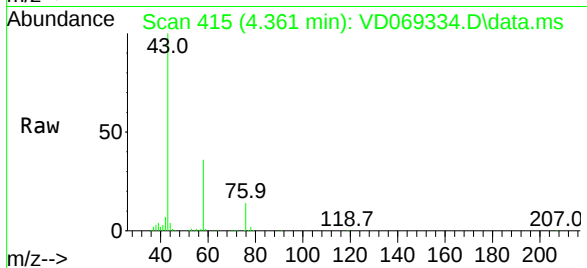
Tgt Ion: 53 Resp: 741175
 Ion Ratio Lower Upper
 53 100
 52 19.0 64.5 96.7#
 51 58.2 28.6 43.0#



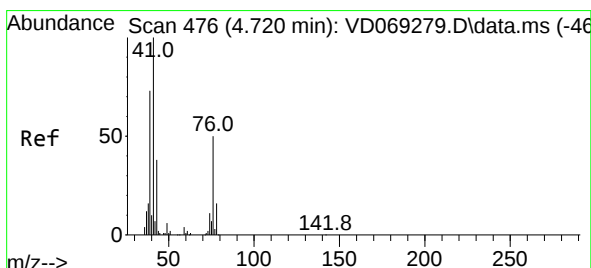
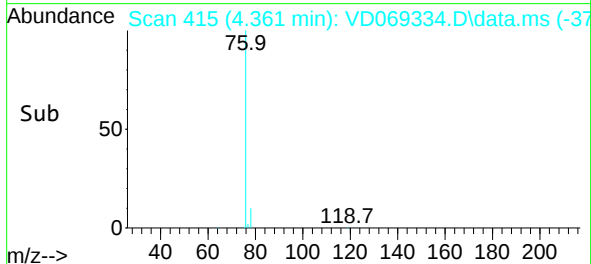
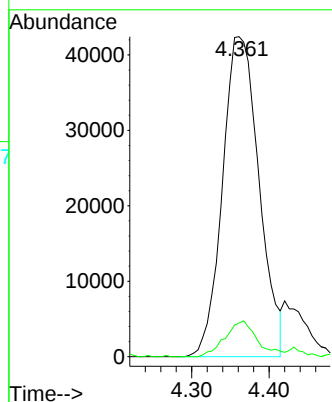


#17
Carbon Disulfide
Concen: 12.48 ug/l
RT: 4.361 min Scan# 415
Delta R.T. -0.047 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Instrument :
MSVOA_D
ClientSampled :

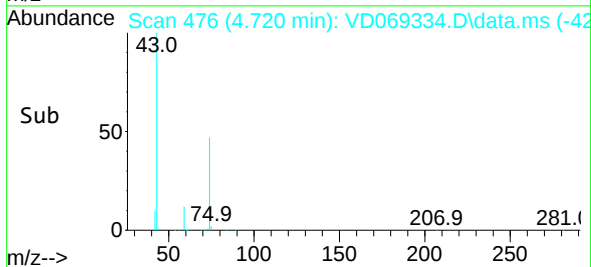
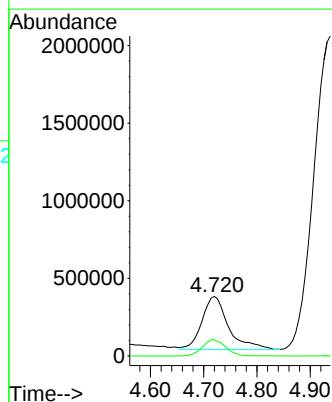
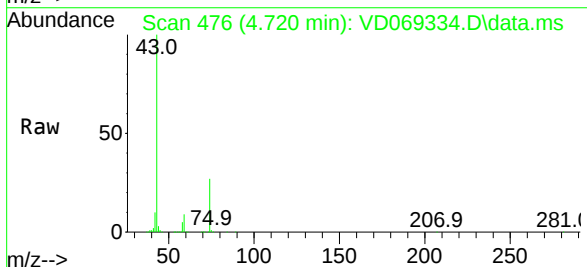


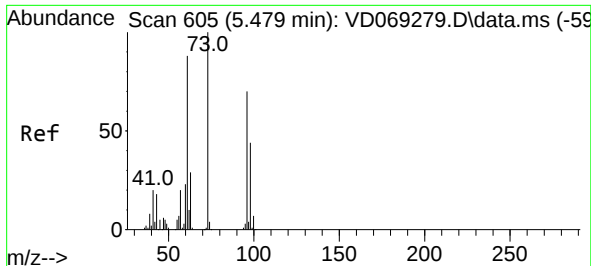
Tgt Ion: 76 Resp: 139026
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0



#18
Methyl Acetate
Concen: 773.17 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion: 43 Resp: 1177097
Ion Ratio Lower Upper
43 100
74 27.1 22.8 34.2

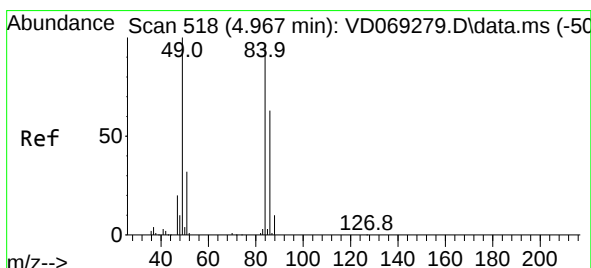
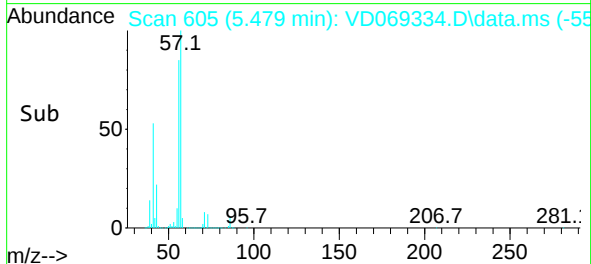
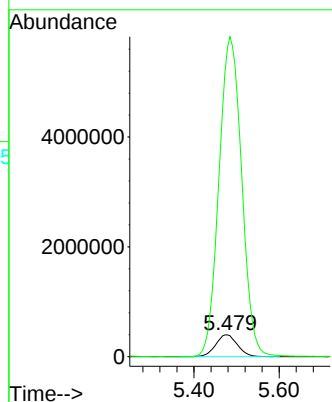
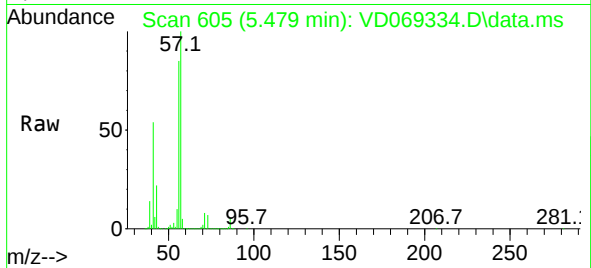




#19
Methyl tert-butyl Ether
Concen: 229.05 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

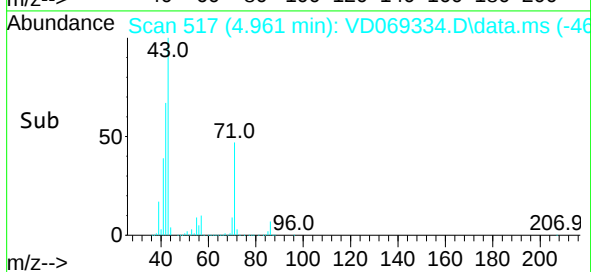
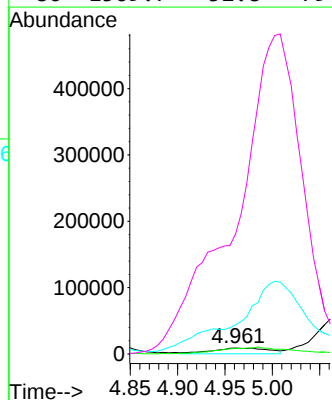
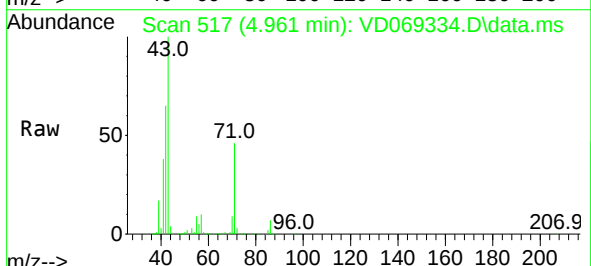
Instrument :
MSVOA_D
ClientSampleId :

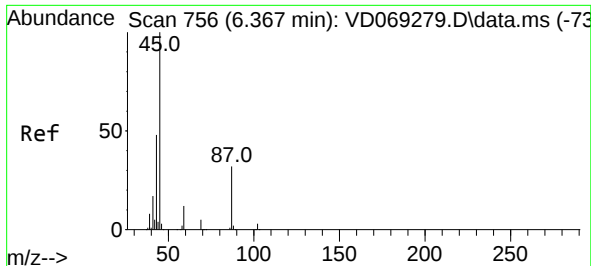
Tgt Ion: 73 Resp: 1417613
Ion Ratio Lower Upper
73 100
57 1415.0 15.7 23.5#



#20
Methylene Chloride
Concen: 2.19 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

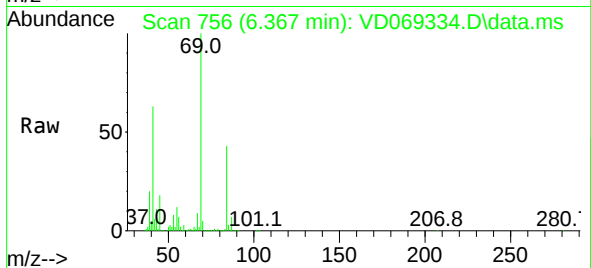
Tgt Ion: 84 Resp: 35614
Ion Ratio Lower Upper
84 100
49 109.9 83.7 125.5
51 378.0 26.4 39.6#
86 1569.7 52.8 79.2#



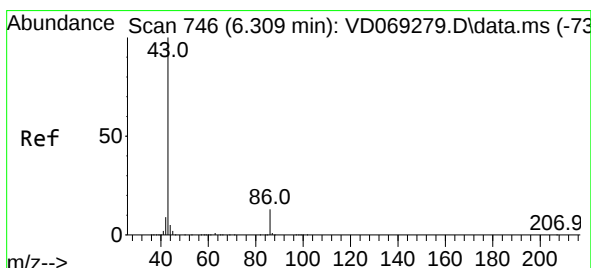
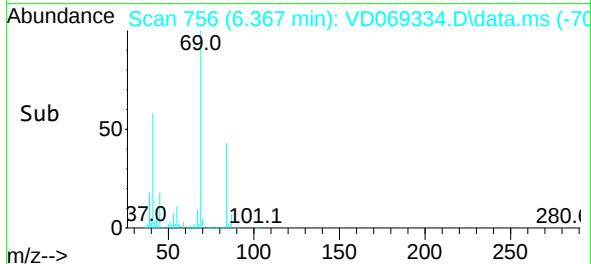
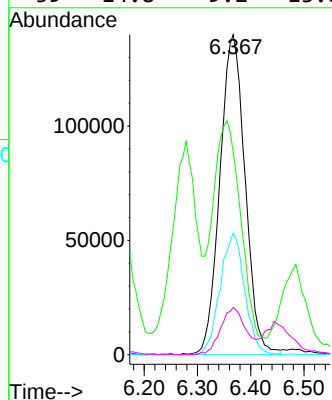


#22
Diisopropyl ether
Concen: 58.90 ug/l
RT: 6.367 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Instrument :
MSVOA_D
ClientSampleId :

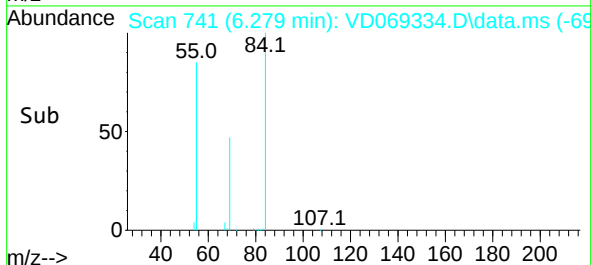
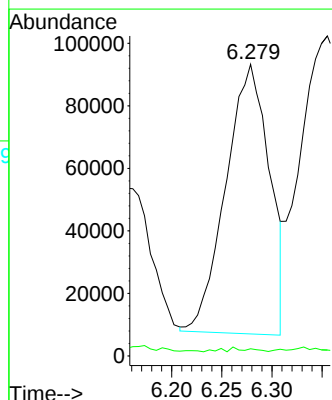
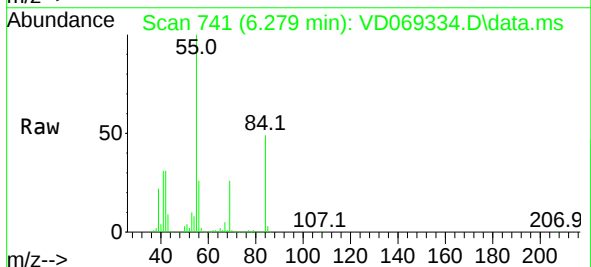


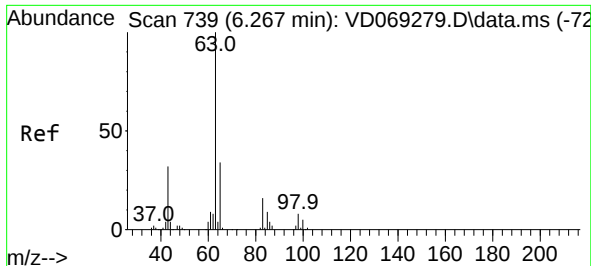
Tgt Ion:	45	Resp:	459958
Ion	Ratio	Lower	Upper
45	100		
43	47.6	38.7	58.1
87	38.0	25.6	38.4
59	14.8	9.2	13.8



#23
Vinyl Acetate
Concen: 61.48 ug/l
RT: 6.279 min Scan# 741
Delta R.T. -0.030 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

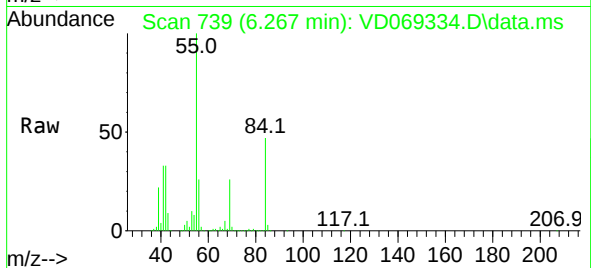
Tgt Ion:	43	Resp:	260954
Ion	Ratio	Lower	Upper
43	100		
86	0.9	10.5	15.7



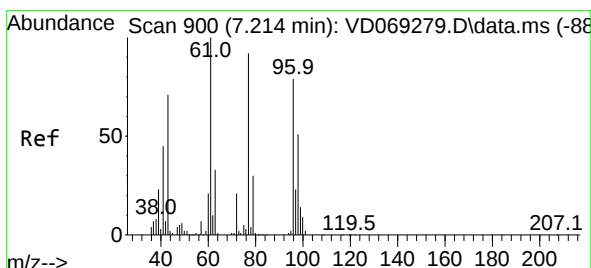
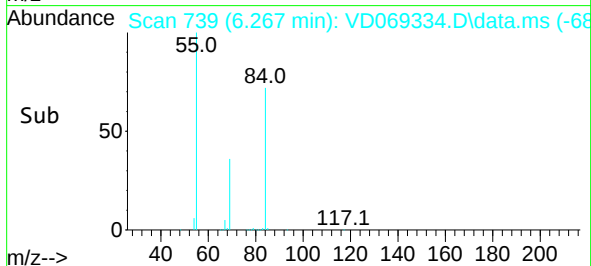
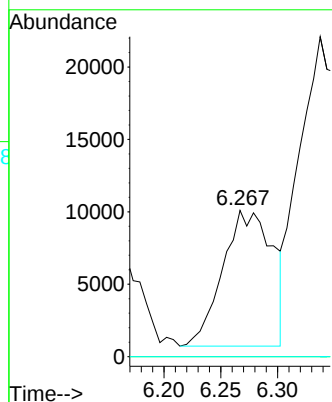


#24
1,1-Dichloroethane
Concen: 4.39 ug/l
RT: 6.267 min Scan# 739
Delta R.T. -0.000 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Instrument :
MSVOA_D
ClientSampled :

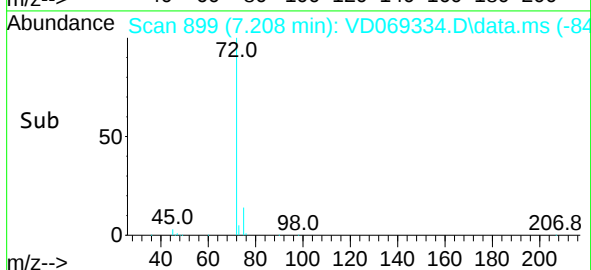
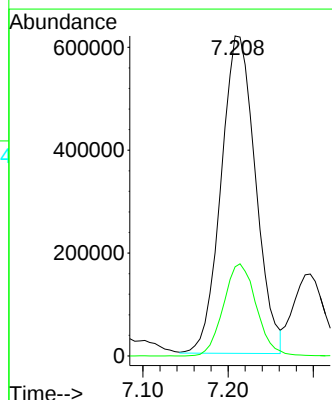
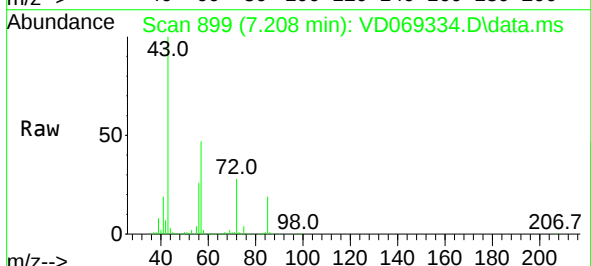


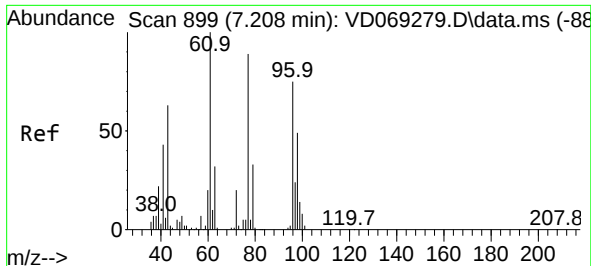
Tgt Ion: 63 Resp: 28691
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.4#
100 0.0 2.6 7.8#



#25
2-Butanone
Concen: 2341.54 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion: 43 Resp: 1733407
Ion Ratio Lower Upper
43 100
72 28.2 23.9 35.9

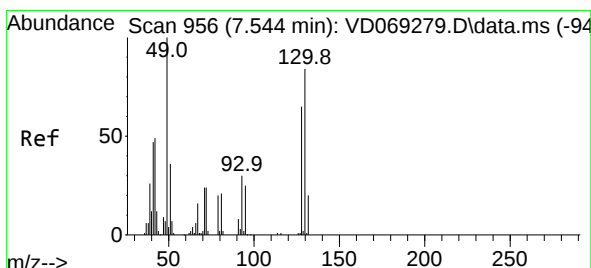
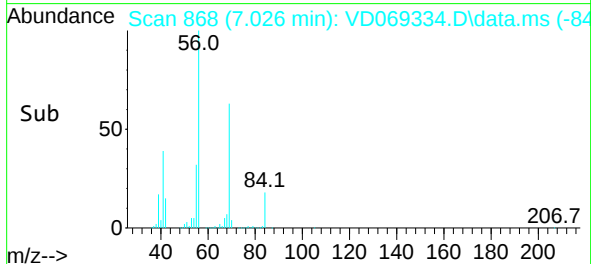
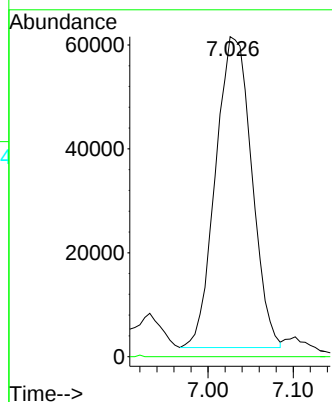
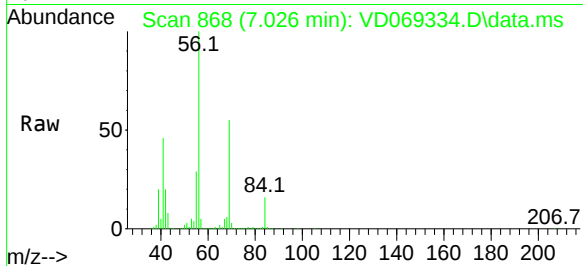




#26
2,2-Dichloropropane
Concen: 29.28 ug/l
RT: 7.026 min Scan# 868
Delta R.T. -0.183 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

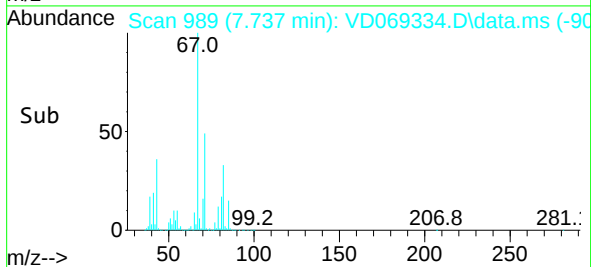
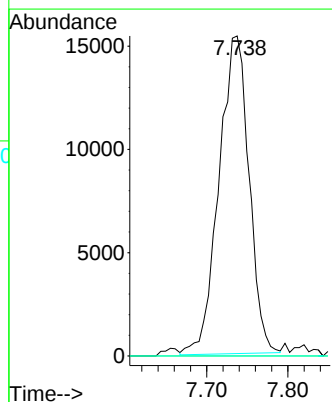
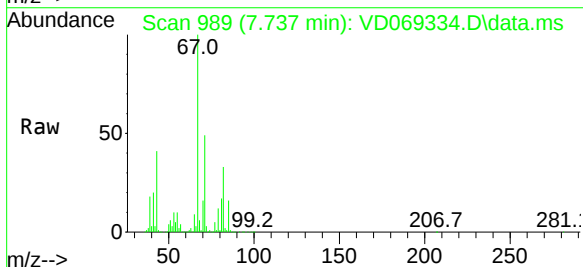
Instrument :
MSVOA_D
ClientSampleId :

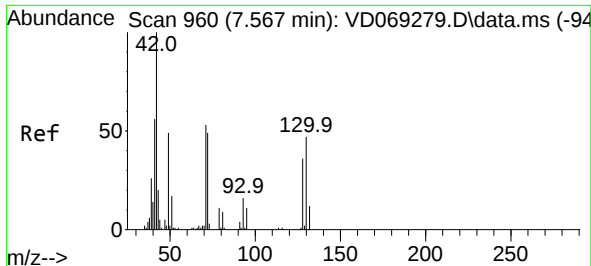
Tgt Ion: 77 Resp: 176337
Ion Ratio Lower Upper
77 100
97 0.0 12.1 36.3#



#28
Bromochloromethane
Concen: 17.49 ug/l
RT: 7.737 min Scan# 989
Delta R.T. 0.194 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion: 49 Resp: 39620
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 72.0 108.0#





#29

Tetrahydrofuran

Concen: 60.74 ug/l

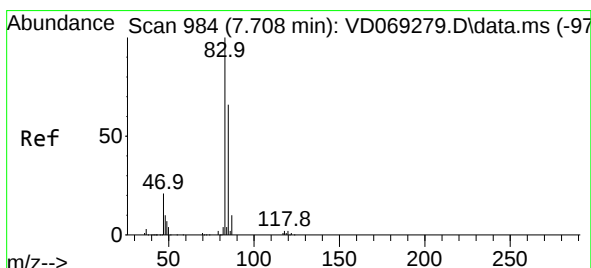
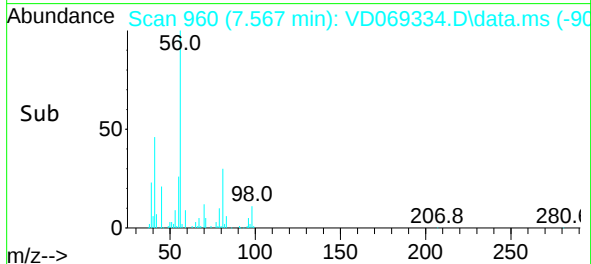
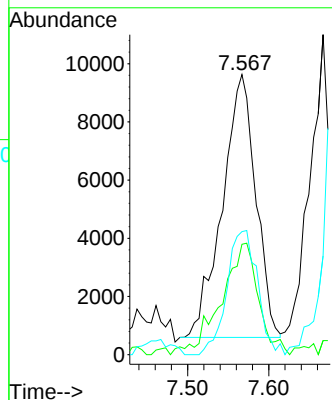
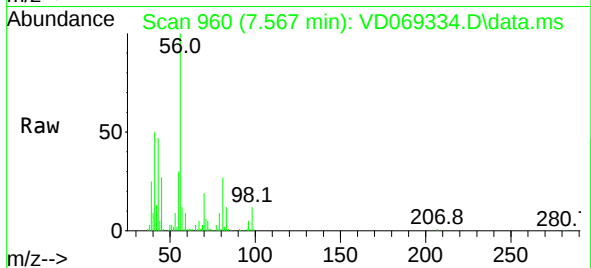
RT: 7.567 min Scan# 960

Delta R.T. -0.000 min

Lab File: VD069334.D

Acq: 03 Jun 2021 19:32

Tgt Ion:	42	Resp:	25845
Ion Ratio	Lower	Upper	
42	100		
72	47.2	41.0	61.6
71	0.0	38.9	58.3#



#30

Chloroform

Concen: 24.08 ug/l

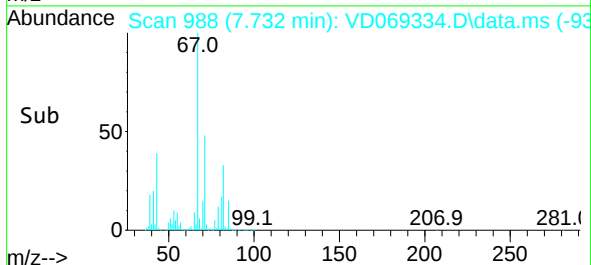
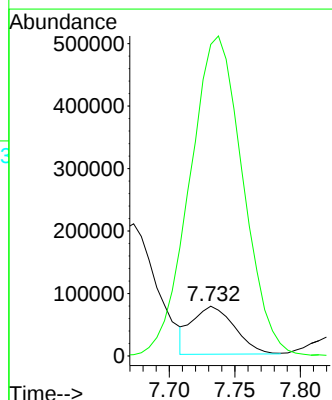
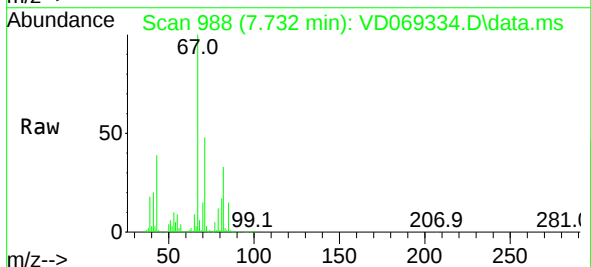
RT: 7.732 min Scan# 988

Delta R.T. 0.023 min

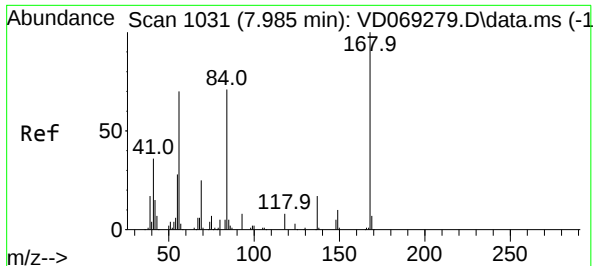
Lab File: VD069334.D

Acq: 03 Jun 2021 19:32

Tgt Ion:	83	Resp:	172038
Ion Ratio	Lower	Upper	
83	100		
85	636.4	52.6	78.8#



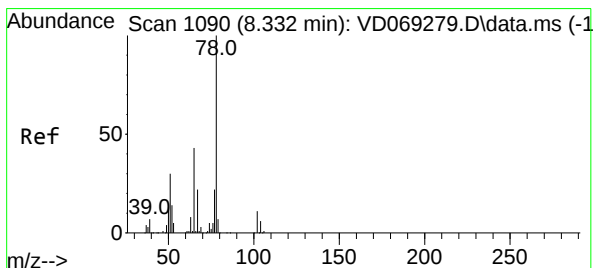
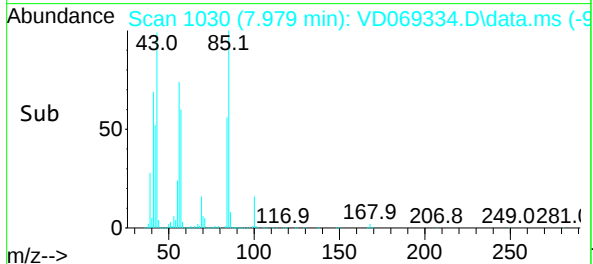
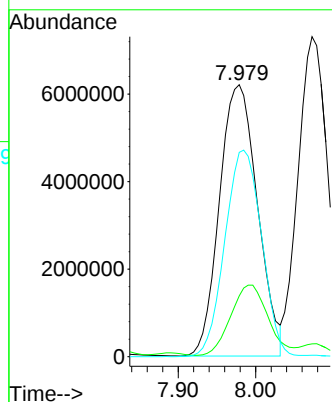
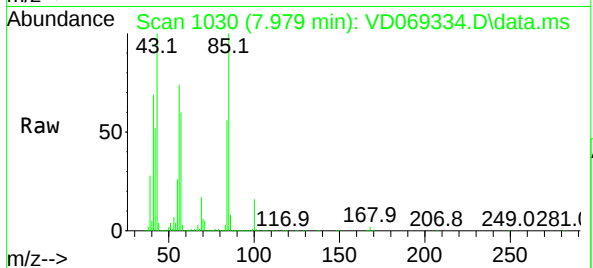
Instrument :
MSVOA_D
ClientSampleId :



#31
Cyclohexane
Concen: 4134.22 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

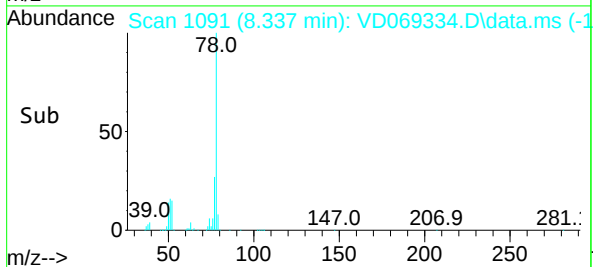
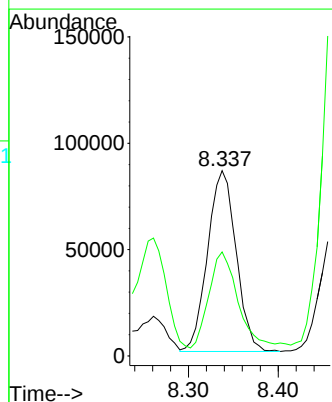
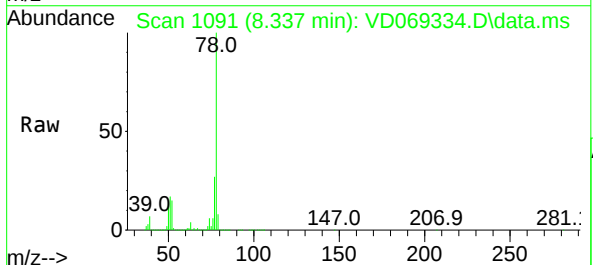
Instrument :
MSVOA_D
ClientSampleId :

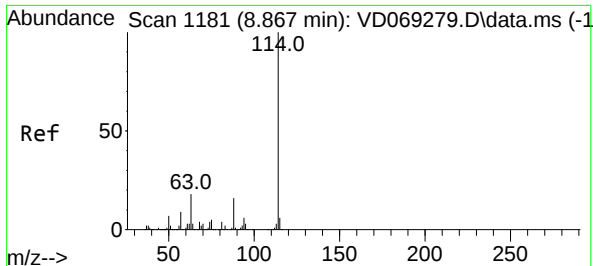
Tgt Ion: 56 Resp: 21177728
Ion Ratio Lower Upper
56 100
69 21.3 29.0 43.4#
84 75.3 81.1 121.7#



#33
1,2-Dichloroethane-d4
Concen: 58.21 ug/l
RT: 8.337 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion: 65 Resp: 187664
Ion Ratio Lower Upper
65 100
67 54.7 0.0 105.8

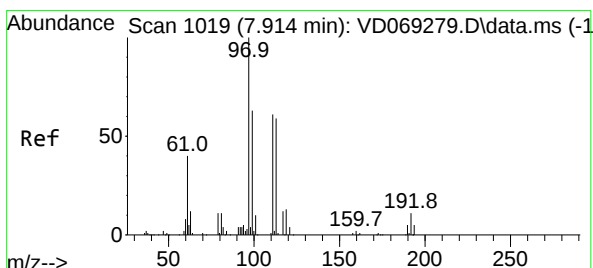
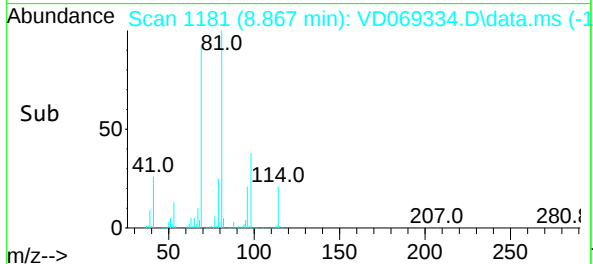
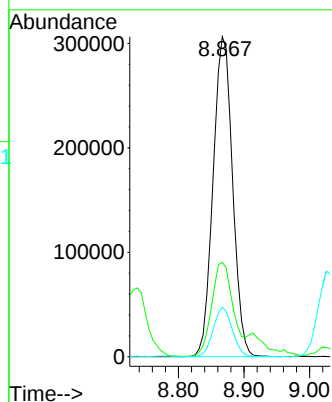
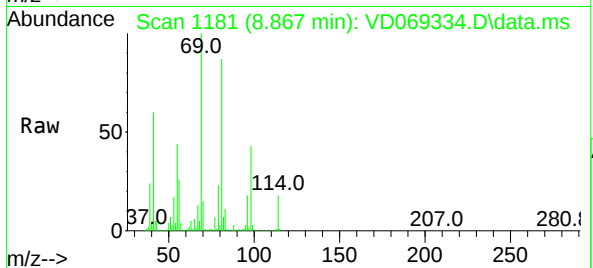




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

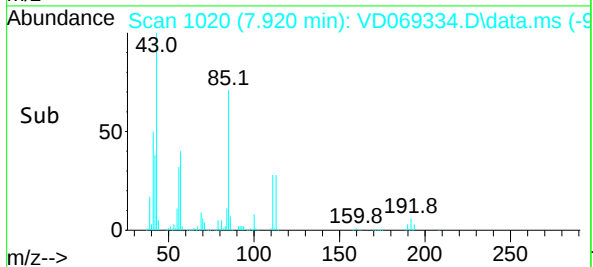
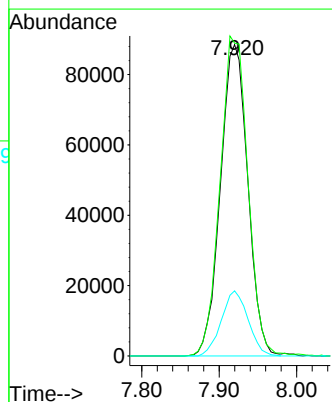
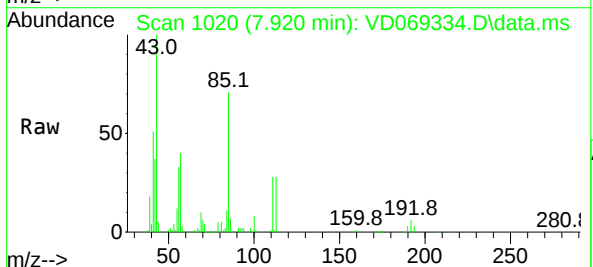
Instrument :
MSVOA_D
ClientSampleId :

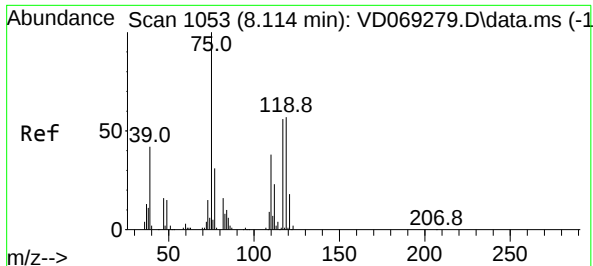
Tgt Ion:114 Resp: 631861
Ion Ratio Lower Upper
114 100
63 29.3 0.0 35.6
88 15.4 0.0 31.2



#35
Dibromofluoromethane
Concen: 54.74 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.005 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion:113 Resp: 217187
Ion Ratio Lower Upper
113 100
111 104.7 83.0 124.6
192 20.5 15.1 22.7

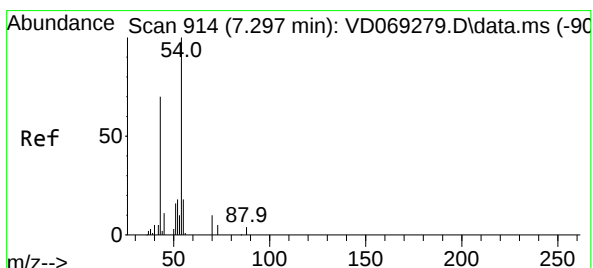
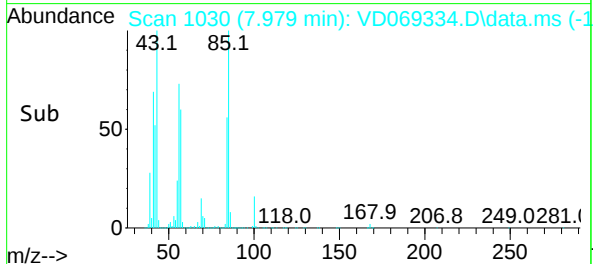
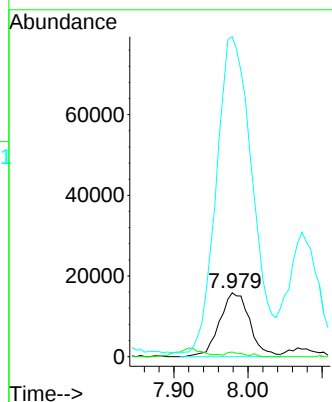
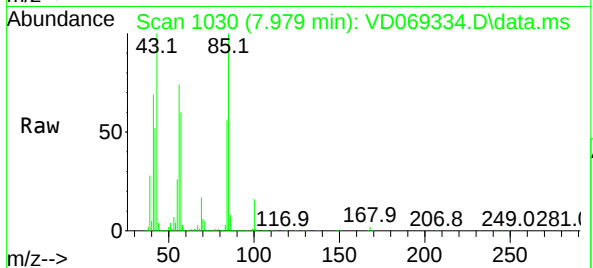




#36
1,1-Dichloropropene
Concen: 7.27 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.136 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

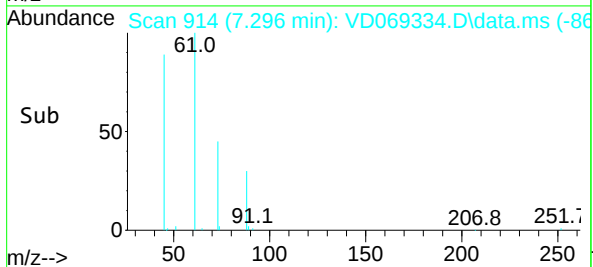
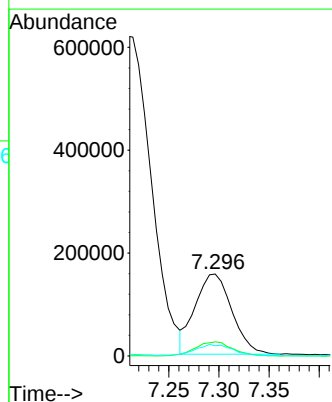
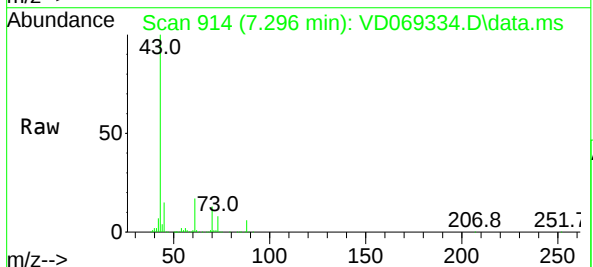
Instrument :
MSVOA_D
ClientSampleId :

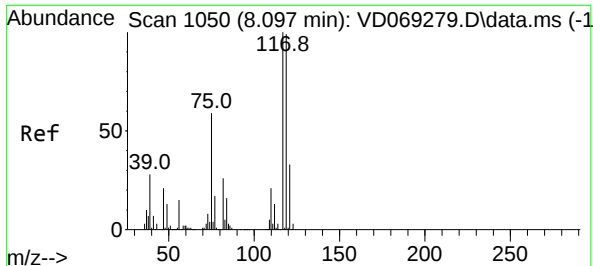
Tgt Ion: 75 Resp: 44620
Ion Ratio Lower Upper
75 100
110 2.7 18.4 55.2#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 190.12 ug/l
RT: 7.296 min Scan# 914
Delta R.T. -0.000 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

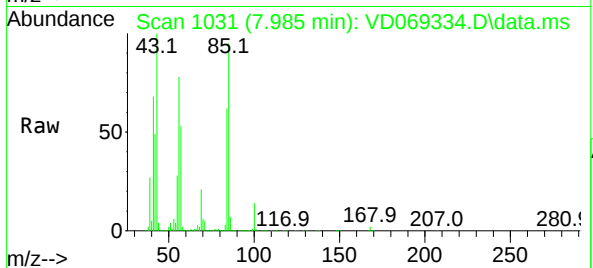
Tgt Ion: 43 Resp: 396469
Ion Ratio Lower Upper
43 100
61 17.9 11.0 16.6#
70 15.1 9.7 14.5#



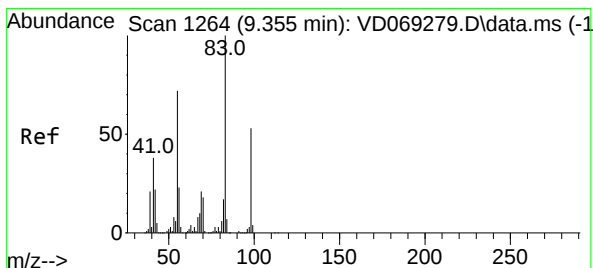
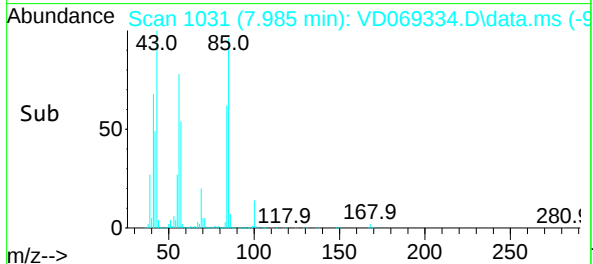
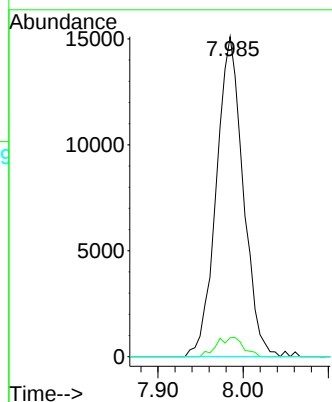


#38
Carbon Tetrachloride
Concen: 4.99 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Instrument :
MSVOA_D
ClientSampled :

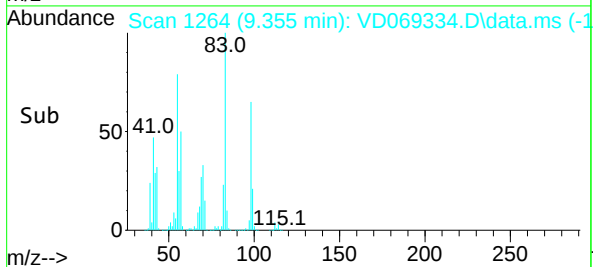
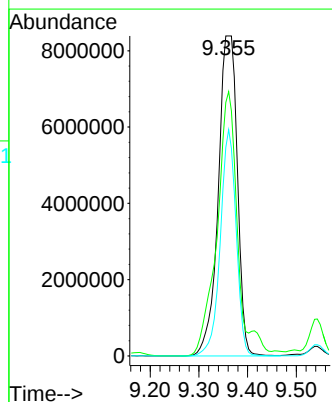
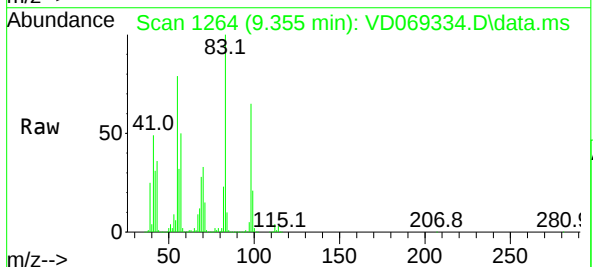


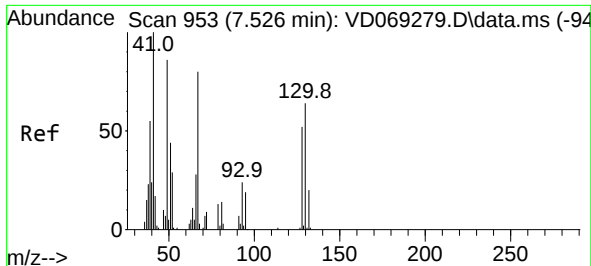
Tgt Ion:117 Resp: 33121
Ion Ratio Lower Upper
117 100
119 5.9 79.4 119.2#
121 0.0 26.1 39.1#



#39
Methylcyclohexane
Concen: 3653.79 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion: 83 Resp:22955892
Ion Ratio Lower Upper
83 100
55 79.2 57.4 86.2
98 65.1 42.2 63.2#

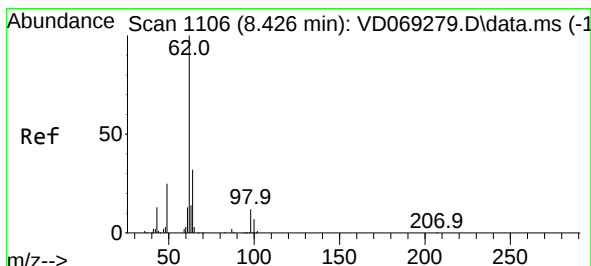
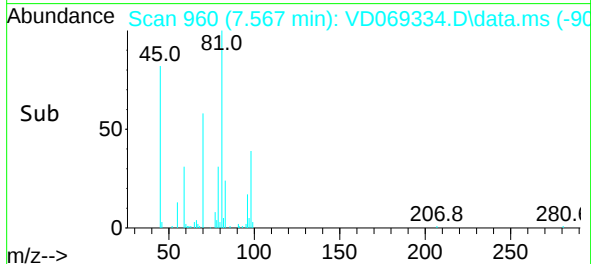
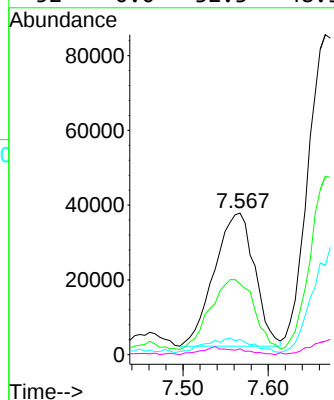
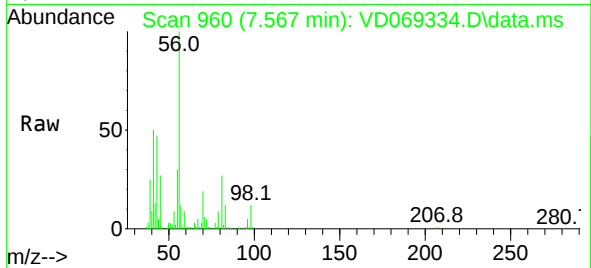




#41
Methacrylonitrile
Concen: 115.34 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.041 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

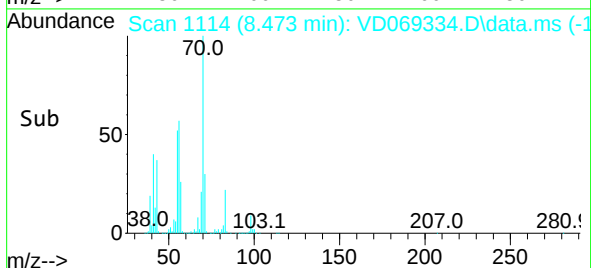
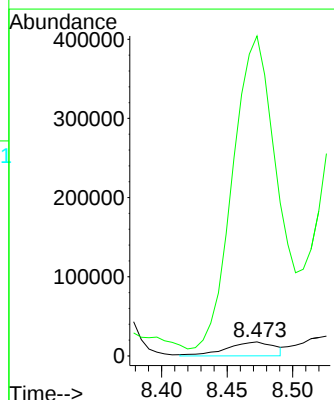
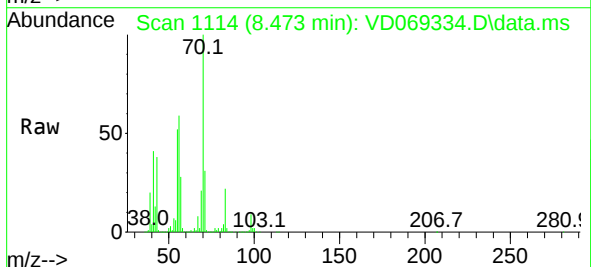
Instrument :
MSVOA_D
ClientSampleId :

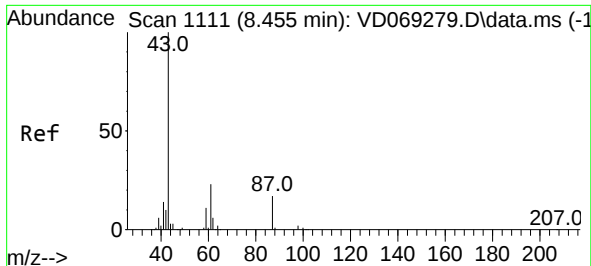
Tgt Ion: 41 Resp: 116776
Ion Ratio Lower Upper
41 100
39 56.6 50.6 76.0
67 0.0 86.2 129.4#
52 0.0 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 9.42 ug/l
RT: 8.473 min Scan# 1114
Delta R.T. 0.047 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

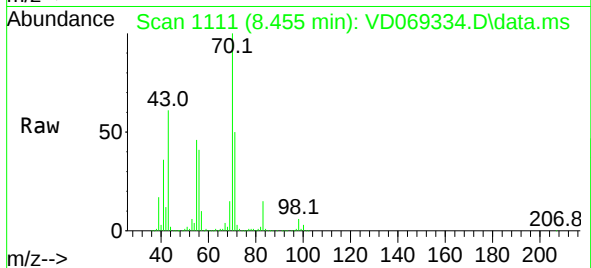
Tgt Ion: 62 Resp: 44844
Ion Ratio Lower Upper
62 100
98 2086.2 0.0 21.4#



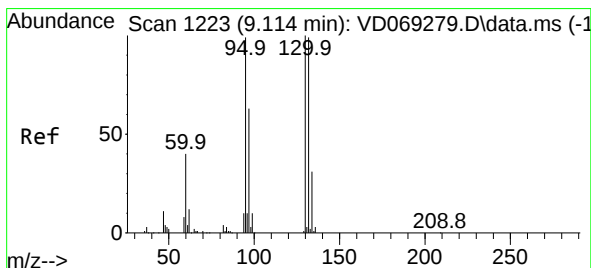
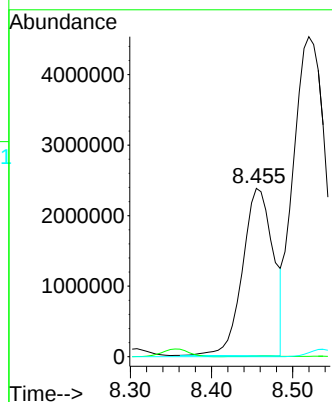
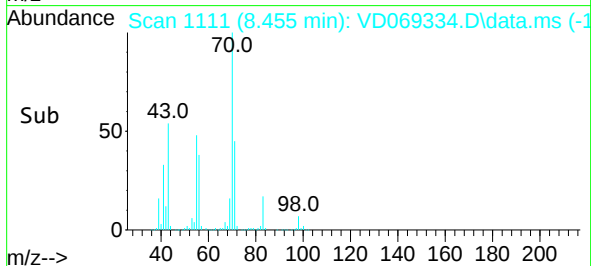


#43
Isopropyl Acetate
Concen: 1652.22 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

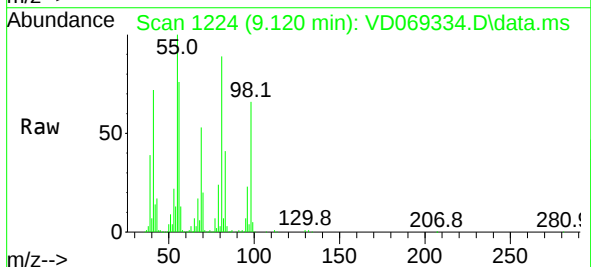
Instrument :
MSVOA_D
ClientSampleId :



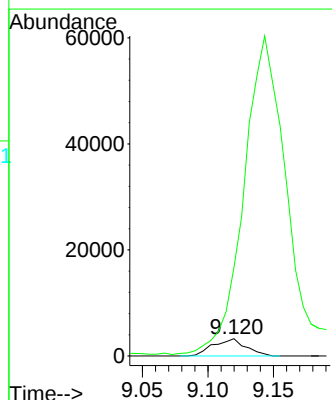
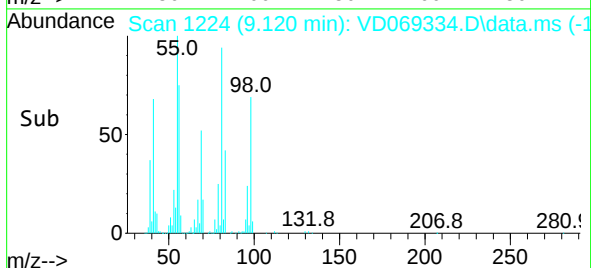
Tgt Ion: 43 Resp: 6270717
Ion Ratio Lower Upper
43 100
61 0.3 29.0 43.6#
87 0.0 12.7 19.1#

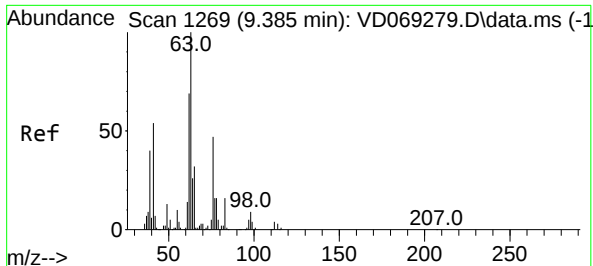


#44
Trichloroethene
Concen: 1.16 ug/l
RT: 9.120 min Scan# 1224
Delta R.T. 0.006 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32



Tgt Ion:130 Resp: 5635
Ion Ratio Lower Upper
130 100
95 498.7 0.0 198.8#



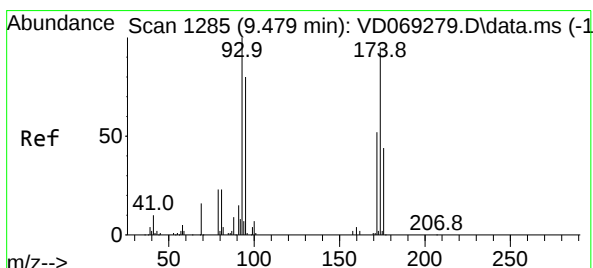
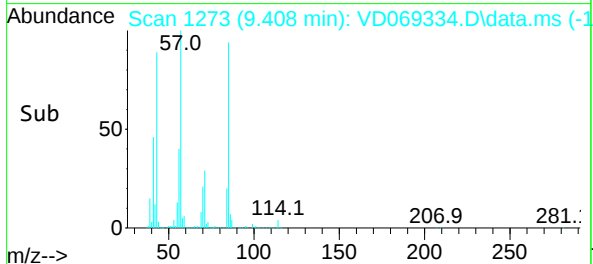
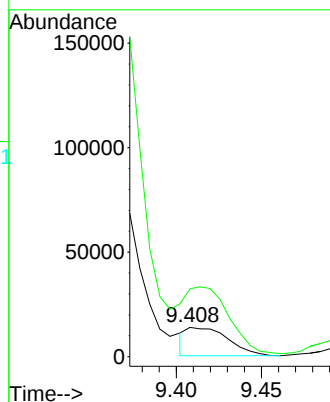
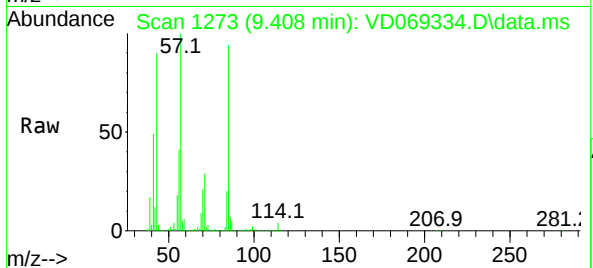


#45

1,2-Dichloropropane
Concen: 5.38 ug/l
RT: 9.408 min Scan# 1273
Delta R.T. 0.023 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Instrument :
MSVOA_D
ClientSampled :

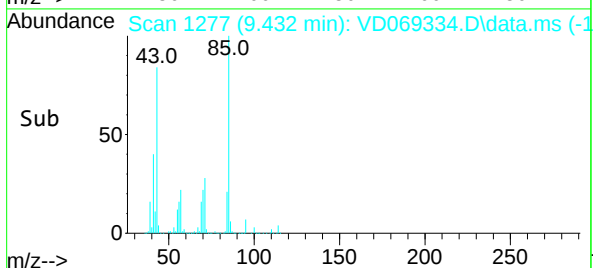
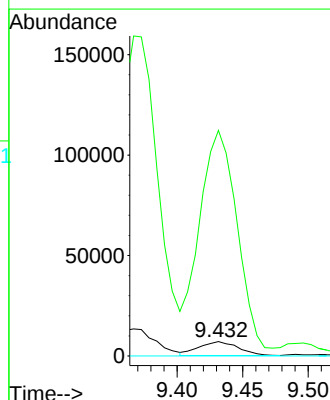
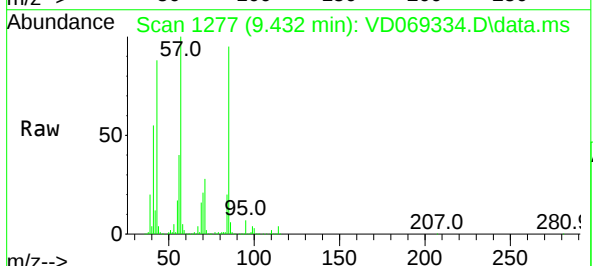
Tgt Ion: 63 Resp: 22844
Ion Ratio Lower Upper
63 100
65 229.0 25.3 37.9#

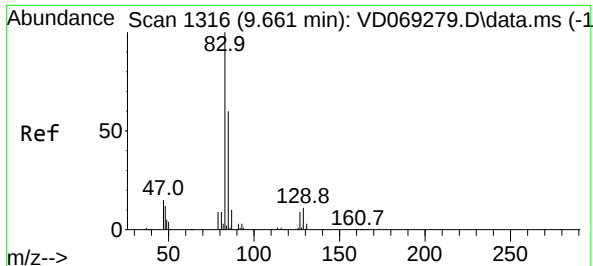


#46

Dibromomethane
Concen: 5.84 ug/l
RT: 9.432 min Scan# 1277
Delta R.T. -0.047 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion: 93 Resp: 14181
Ion Ratio Lower Upper
93 100
95 1578.3 63.4 95.2#
174 0.0 74.5 111.7#

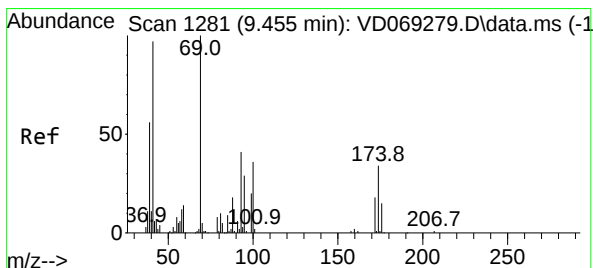
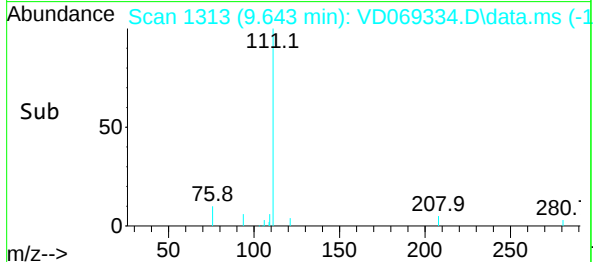
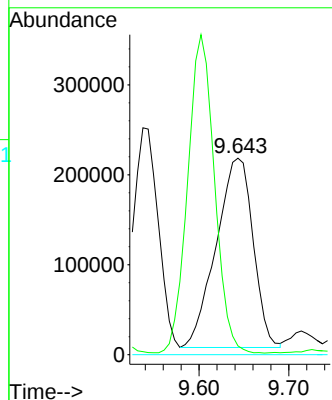
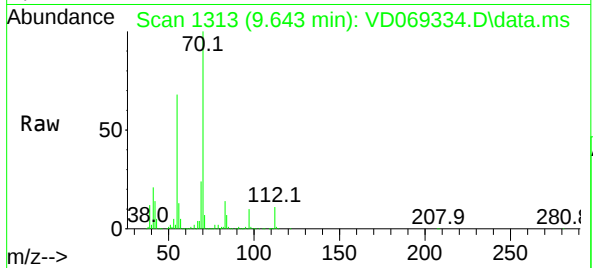




#47
Bromodichloromethane
Concen: 96.03 ug/l
RT: 9.643 min Scan# 1313
Delta R.T. -0.018 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

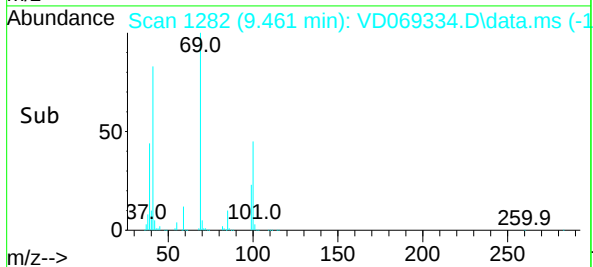
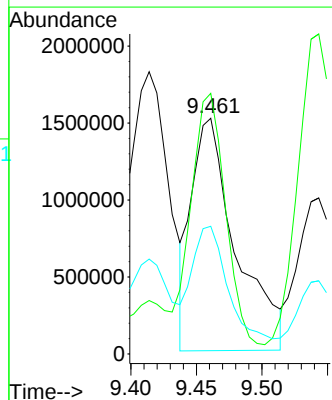
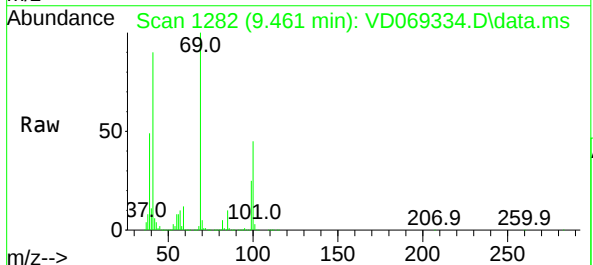
Instrument :
MSVOA_D
ClientSampled :

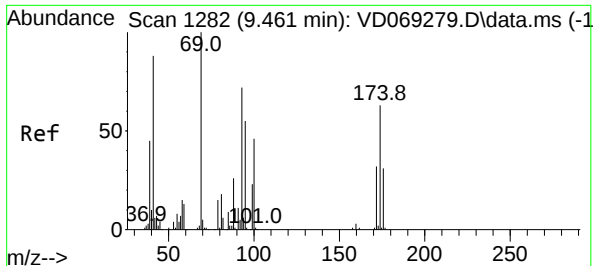
Tgt Ion: 83 Resp: 601108
Ion Ratio Lower Upper
83 100
85 3.6 48.2 72.2#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 2033.95 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion: 41 Resp: 3583871
Ion Ratio Lower Upper
41 100
69 88.6 77.6 116.4
39 47.3 45.3 67.9

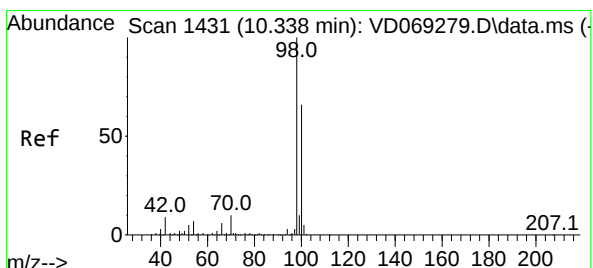
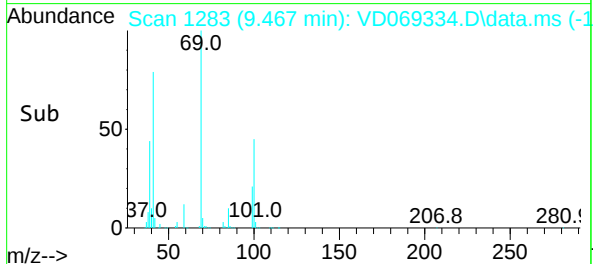
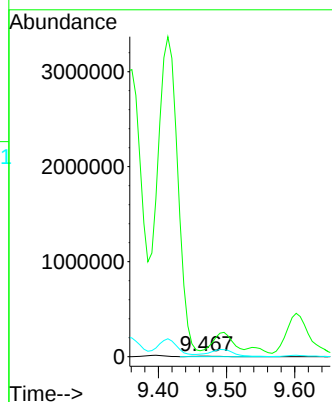
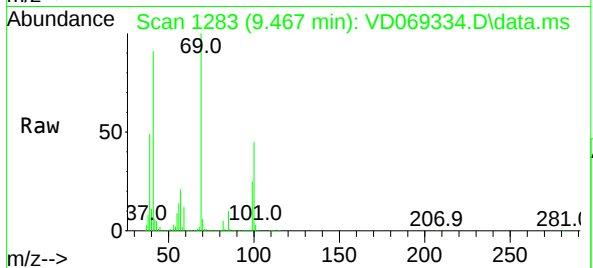




#49
1,4-Dioxane
Concen: 583.99 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.006 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

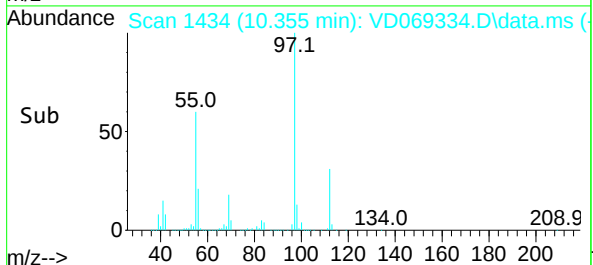
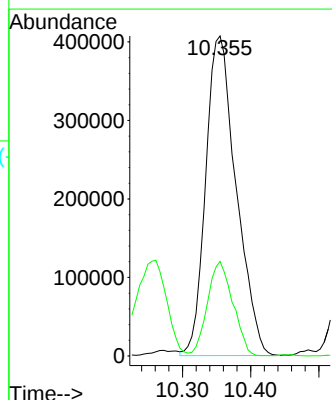
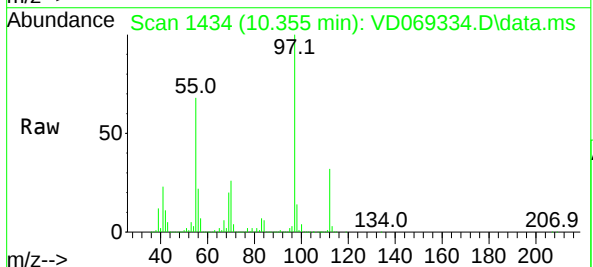
Instrument :
MSVOA_D
ClientSampled :

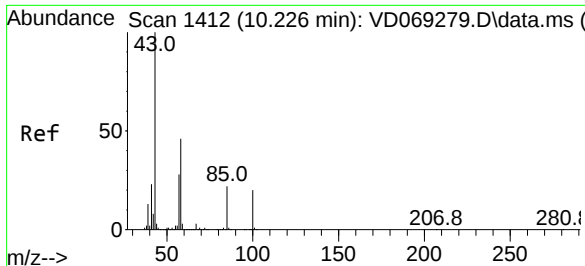
Tgt Ion: 88 Resp: 13925
Ion Ratio Lower Upper
88 100
43 0.0 25.4 38.2#
58 0.0 50.2 75.4#



#50
Toluene-d8
Concen: 87.76 ug/l
RT: 10.355 min Scan# 1434
Delta R.T. 0.017 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion: 98 Resp: 1266306
Ion Ratio Lower Upper
98 100
100 24.6 52.1 78.1#

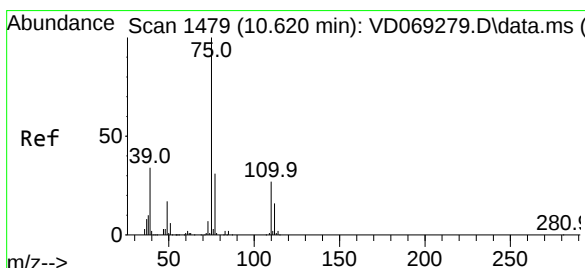
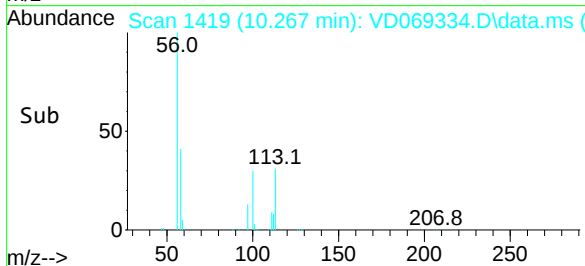
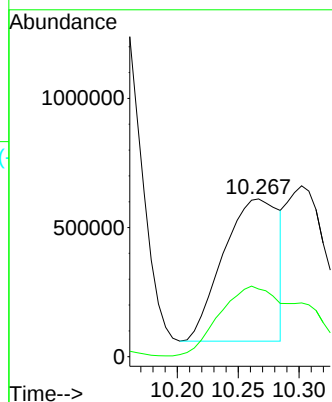
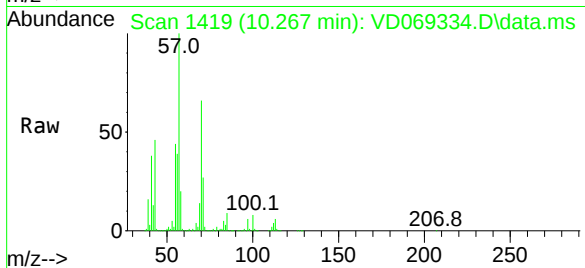




#51
4-Methyl-2-Pentanone
Concen: 891.67 ug/l
RT: 10.267 min Scan# 1419
Delta R.T. 0.041 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

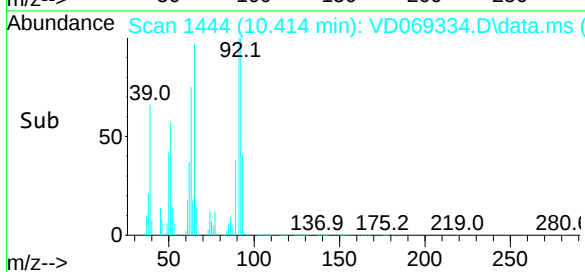
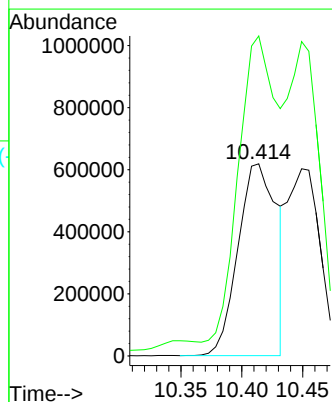
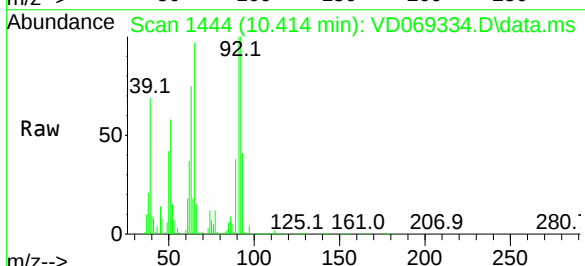
Instrument :
MSVOA_D
ClientSampled :

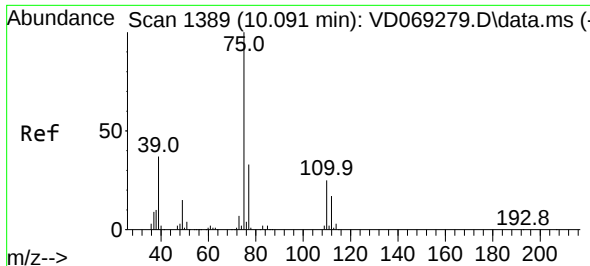
Tgt Ion: 43 Resp: 1747925
Ion Ratio Lower Upper
43 100
58 77.7 35.1 52.7#



#53
t-1,3-Dichloropropene
Concen: 244.35 ug/l
RT: 10.414 min Scan# 1444
Delta R.T. -0.206 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

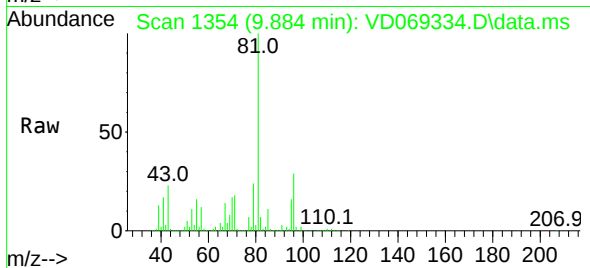
Tgt Ion: 75 Resp: 1365946
Ion Ratio Lower Upper
75 100
77 158.9 25.1 37.7#



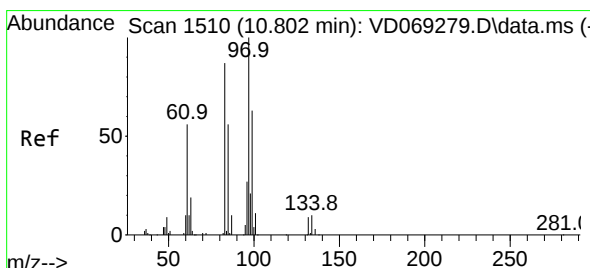
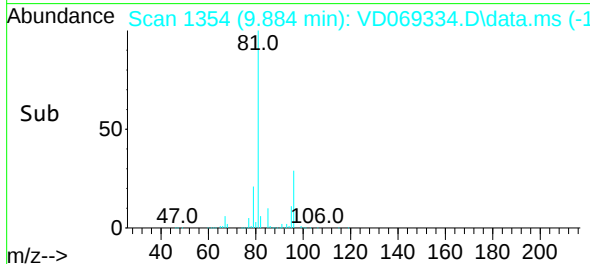
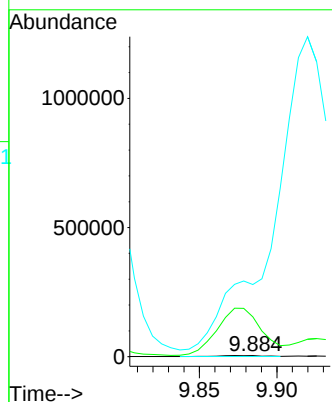


#54
 cis-1,3-Dichloropropene
 Concen: 1.15 ug/l
 RT: 9.884 min Scan# 1354
 Delta R.T. -0.206 min
 Lab File: VD069334.D
 Acq: 03 Jun 2021 19:32

Instrument :
 MSVOA_D
 ClientSampleId :

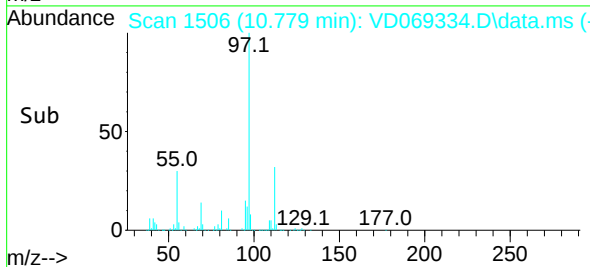
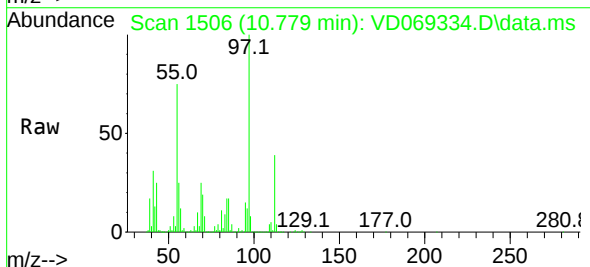
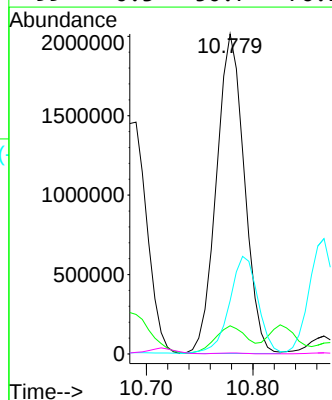


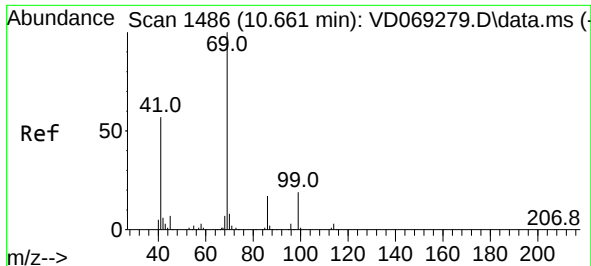
Tgt Ion: 75 Resp: 7634
 Ion Ratio Lower Upper
 75 100
 77 3981.7 26.2 39.2#
 39 6802.0 29.7 44.5#



#55
 1,1,2-Trichloroethane
 Concen: 1084.17 ug/l
 RT: 10.779 min Scan# 1506
 Delta R.T. -0.024 min
 Lab File: VD069334.D
 Acq: 03 Jun 2021 19:32

Tgt Ion: 97 Resp: 3650571
 Ion Ratio Lower Upper
 97 100
 83 8.3 69.4 104.0#
 85 16.4 44.5 66.7#
 99 0.3 50.7 76.1#

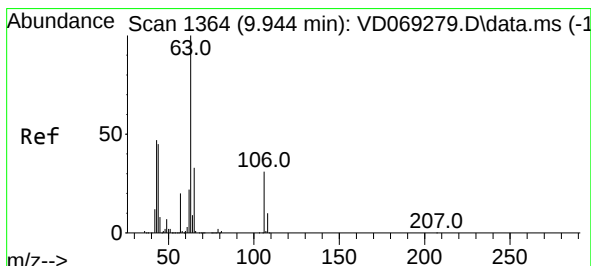
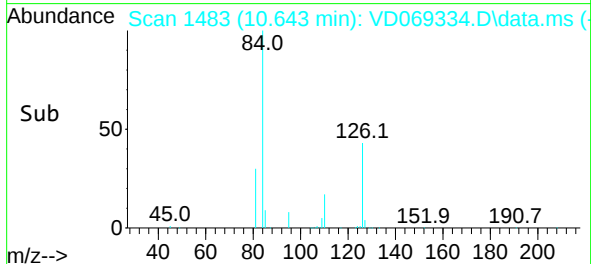
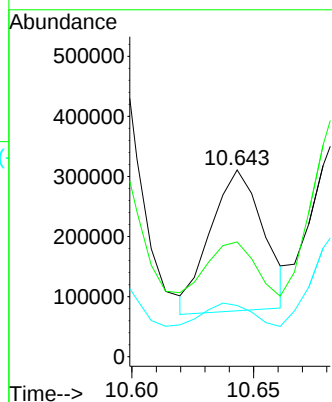
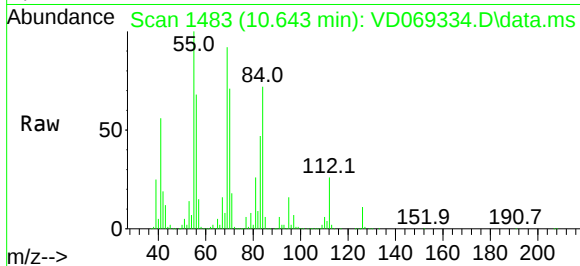




#56
Ethyl methacrylate
Concen: 90.28 ug/l
RT: 10.643 min Scan# 1483
Delta R.T. -0.018 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

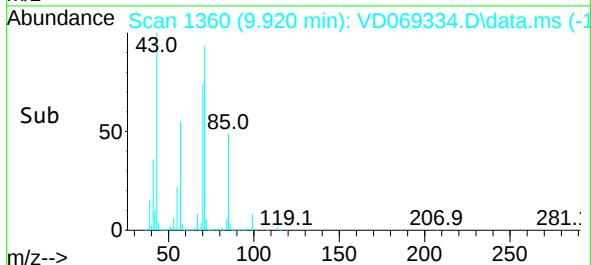
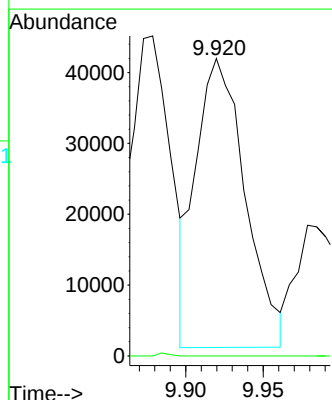
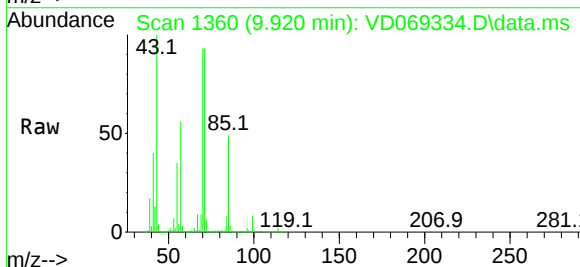
Instrument :
MSVOA_D
ClientSampleId :

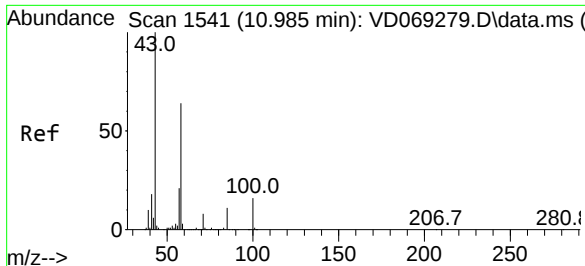
Tgt Ion: 69 Resp: 355288
Ion Ratio Lower Upper
69 100
41 0.0 45.4 68.2#
39 0.0 21.7 32.5#



#58
2-Chloroethyl Vinyl ether
Concen: 57.20 ug/l
RT: 9.920 min Scan# 1360
Delta R.T. -0.024 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion: 63 Resp: 90189
Ion Ratio Lower Upper
63 100
106 0.0 24.8 37.2#

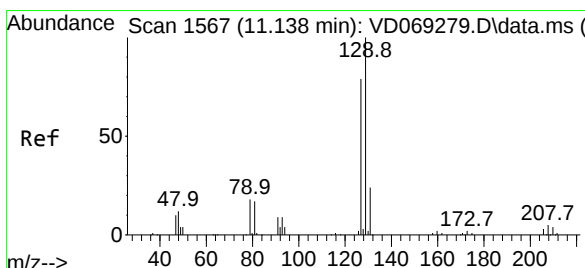
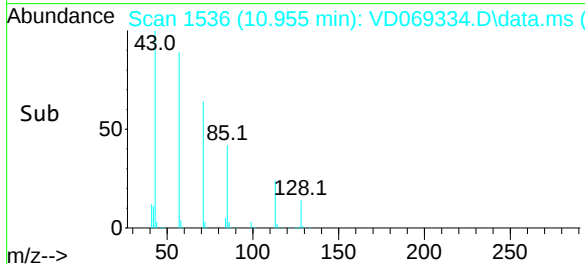
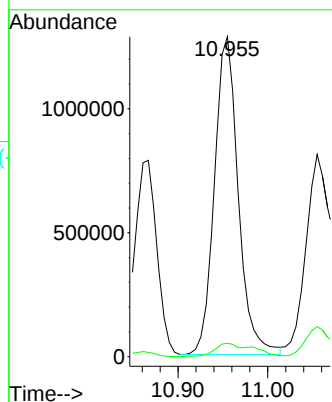
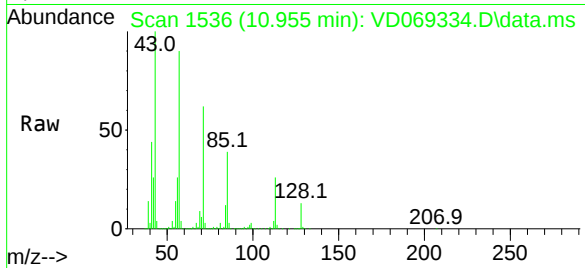




#59
2-Hexanone
Concen: 1804.47 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.030 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

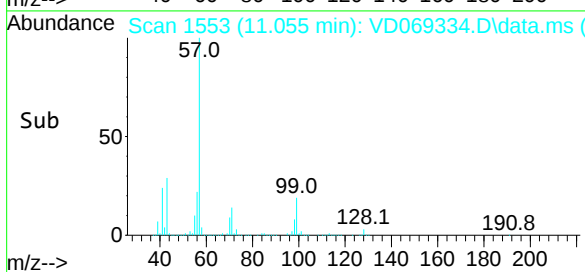
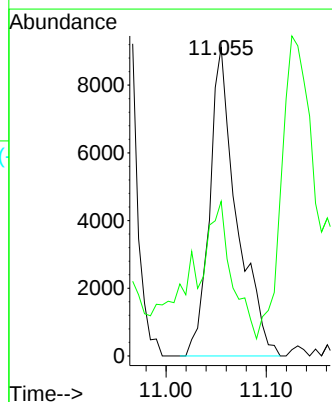
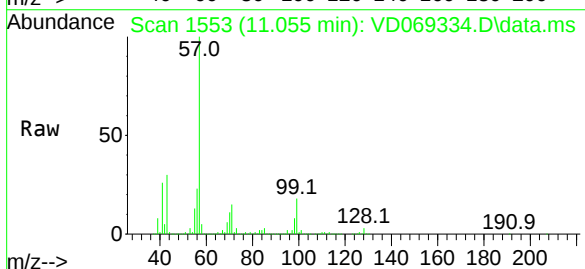
Instrument :
MSVOA_D
ClientSampleId :

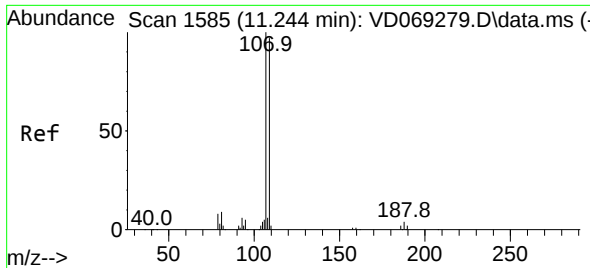
Tgt Ion: 43 Resp: 2364531
Ion Ratio Lower Upper
43 100
58 6.6 30.8 92.3#



#60
Dibromochloromethane
Concen: 4.04 ug/l
RT: 11.055 min Scan# 1553
Delta R.T. -0.083 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion: 129 Resp: 17150
Ion Ratio Lower Upper
129 100
127 63.2 39.6 118.7

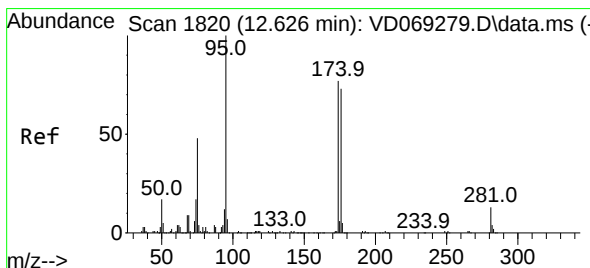
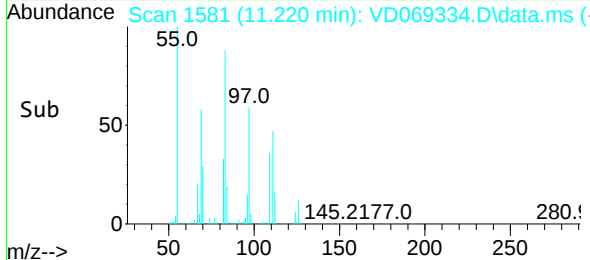
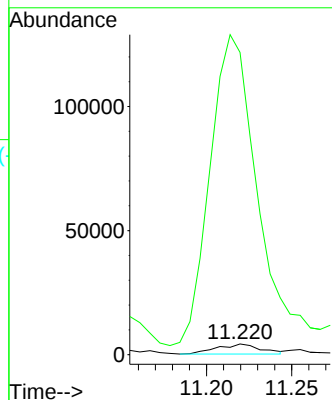
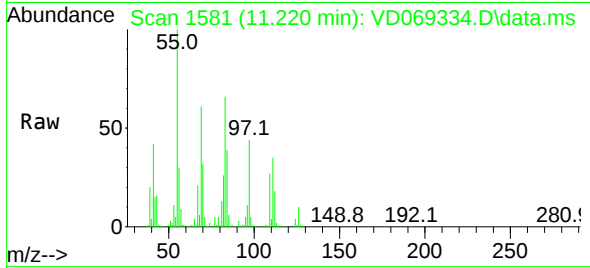




#61
1,2-Dibromoethane
Concen: 2.21 ug/l
RT: 11.220 min Scan# 1581
Delta R.T. -0.024 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

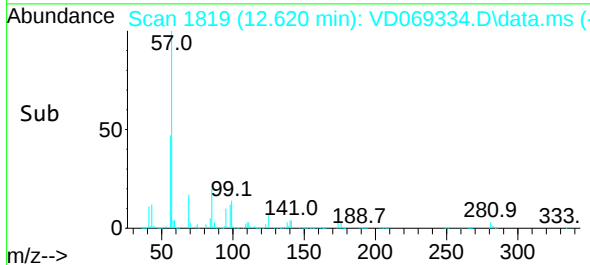
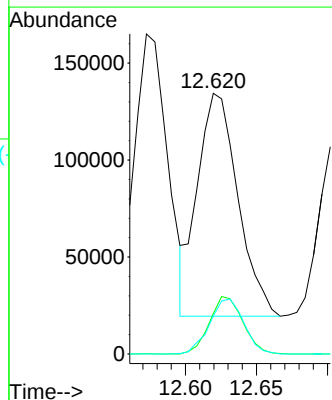
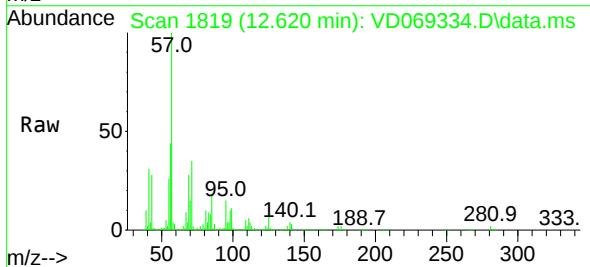
Instrument :
MSVOA_D
ClientSampleId :

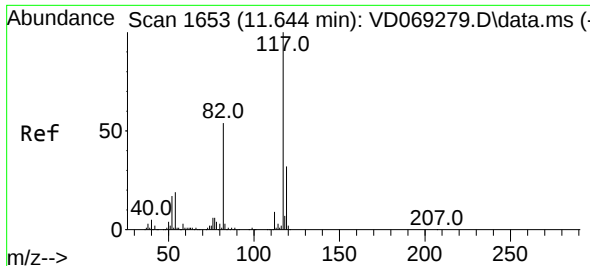
Tgt Ion:107 Resp: 7110
Ion Ratio Lower Upper
107 100
109 3441.1 75.9 113.9#



#62
4-Bromofluorobenzene
Concen: 48.15 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion: 95 Resp: 227643
Ion Ratio Lower Upper
95 100
174 21.3 0.0 162.8
176 20.9 0.0 154.4

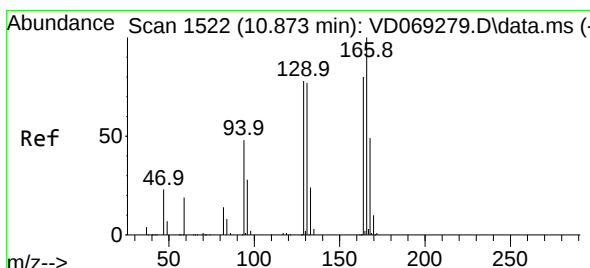
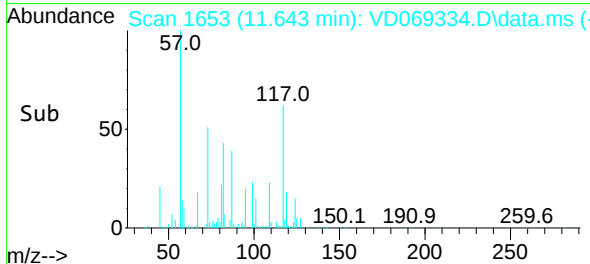
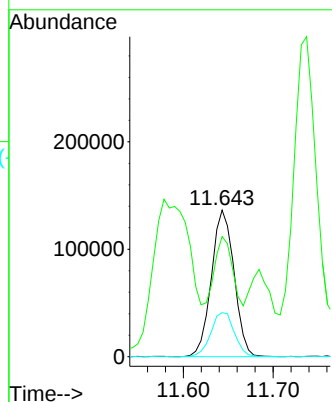
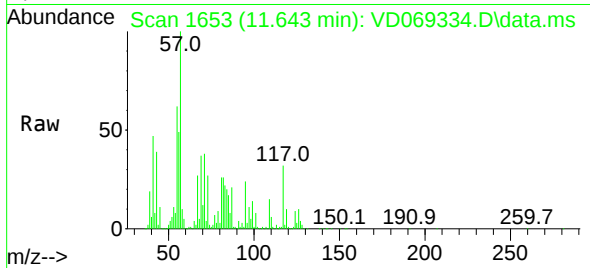




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

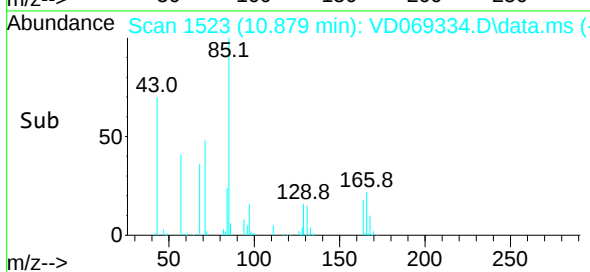
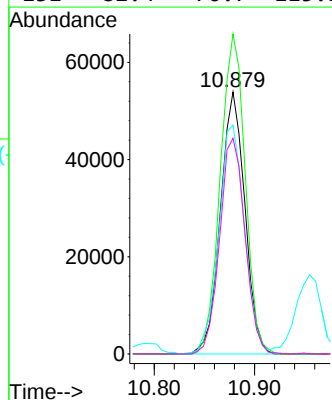
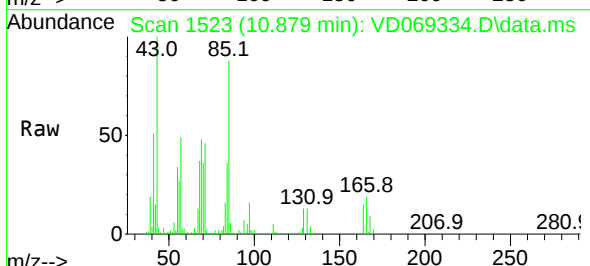
Instrument :
MSVOA_D
ClientSampleId :

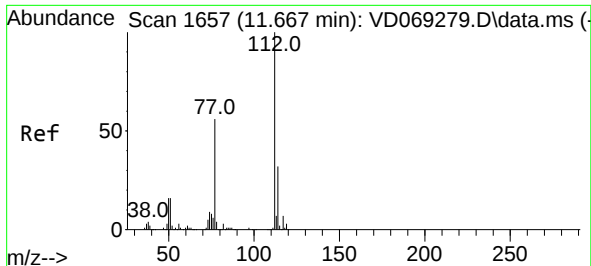
Tgt Ion:117 Resp: 239759
Ion Ratio Lower Upper
117 100
82 53.5 43.3 64.9
119 30.0 25.3 37.9



#64
Tetrachloroethene
Concen: 54.63 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion:164 Resp: 91173
Ion Ratio Lower Upper
164 100
166 122.2 100.2 150.4
129 87.3 78.1 117.1
131 82.4 76.7 115.1

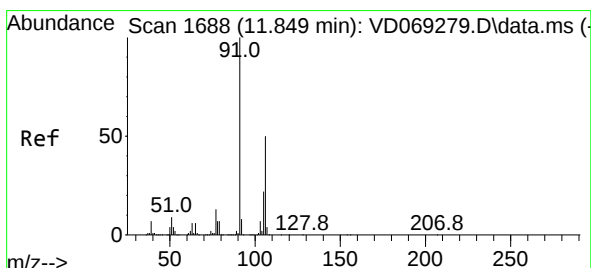
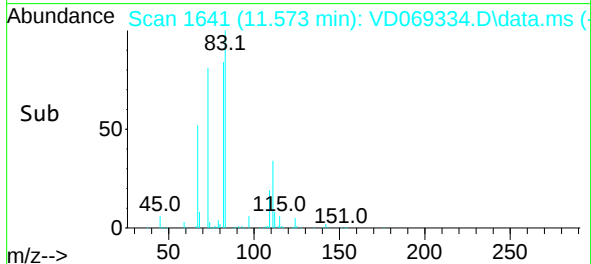
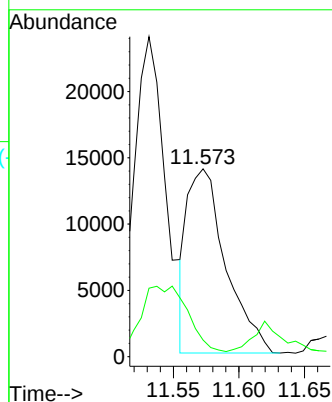
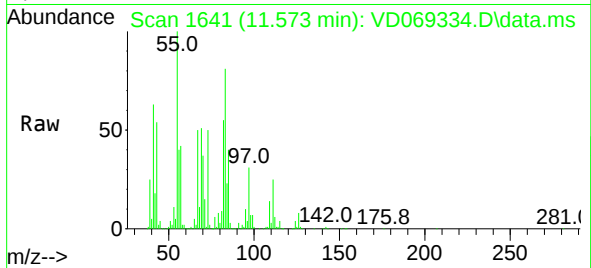




#65
Chlorobenzene
Concen: 5.80 ug/l
RT: 11.573 min Scan# 1641
Delta R.T. -0.094 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

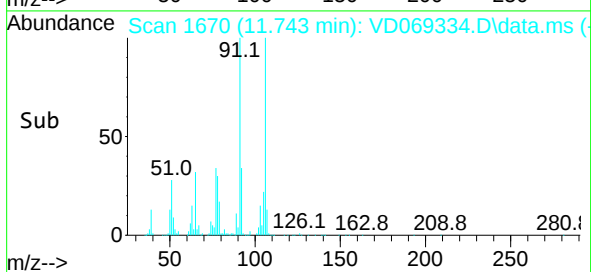
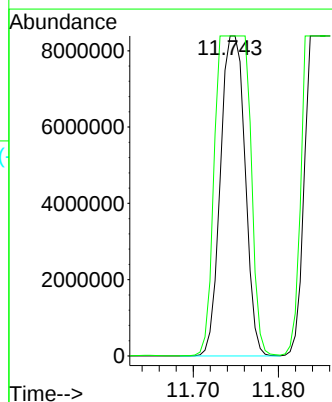
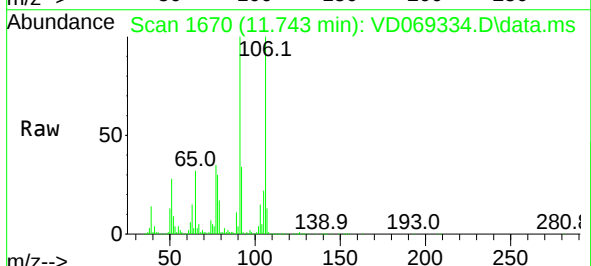
Instrument :
MSVOA_D
ClientSampled :

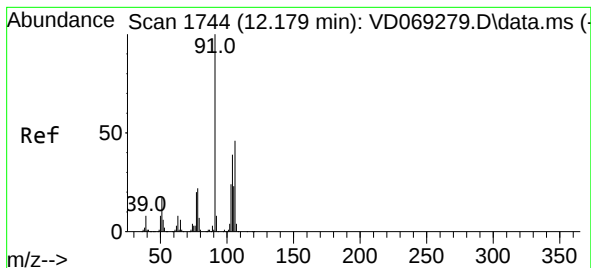
Tgt Ion:112 Resp: 28413
Ion Ratio Lower Upper
112 100
114 0.0 25.6 38.4#



#68
m/p-Xylenes
Concen: 5089.64 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.106 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion:106 Resp:16787926
Ion Ratio Lower Upper
106 100
91 0.0 158.3 237.5#

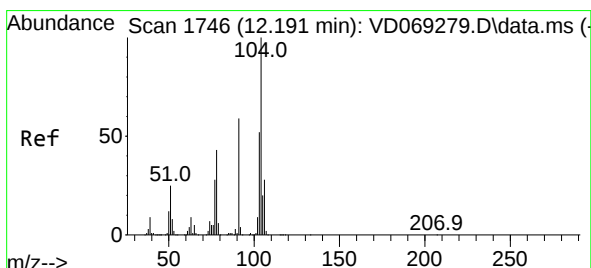
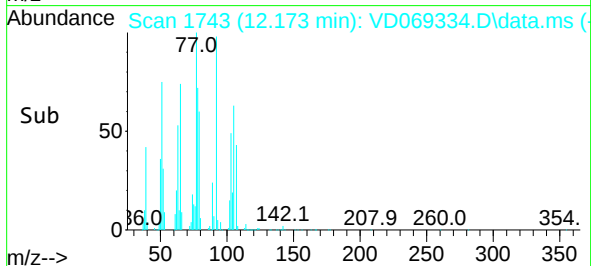
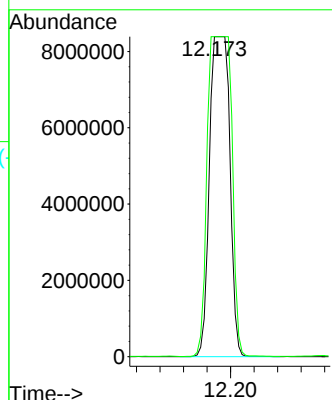
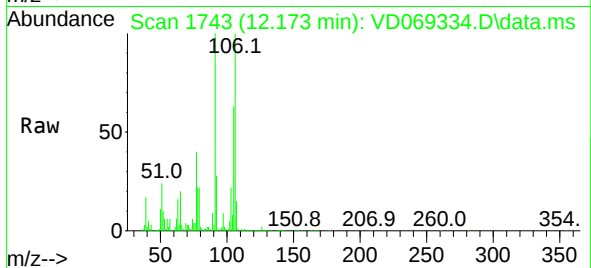




#69
o-Xylene
Concen: 6857.03 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

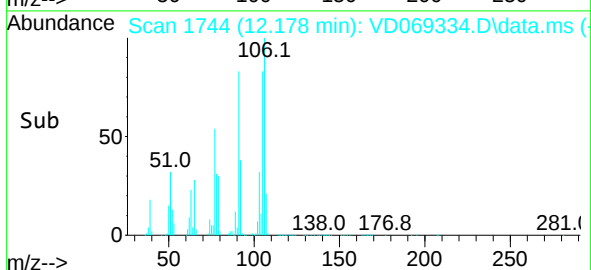
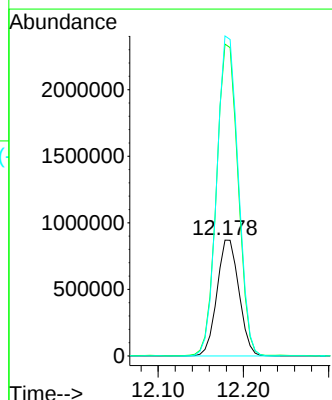
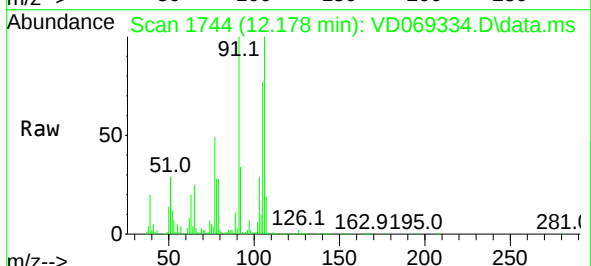
Instrument :
MSVOA_D
ClientSampleId :

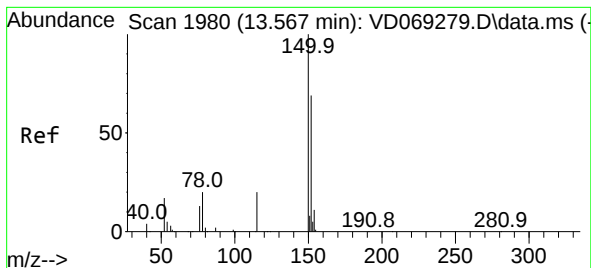
Tgt Ion:106 Resp:20003815
Ion Ratio Lower Upper
106 100
91 0.0 105.5 316.4#



#70
Styrene
Concen: 308.21 ug/l
RT: 12.178 min Scan# 1744
Delta R.T. -0.012 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion:104 Resp: 1560836
Ion Ratio Lower Upper
104 100
78 264.1 37.5 56.3#
103 269.6 44.3 66.5#

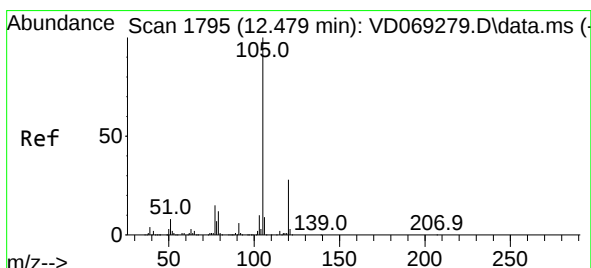
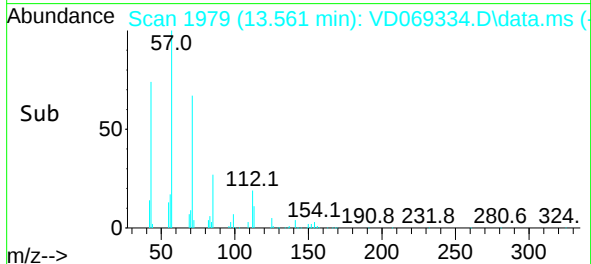
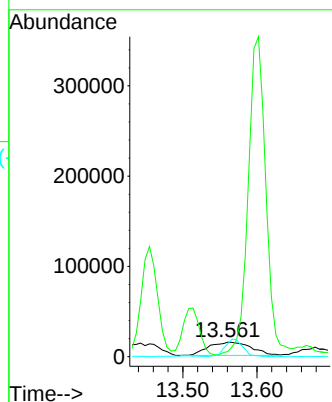
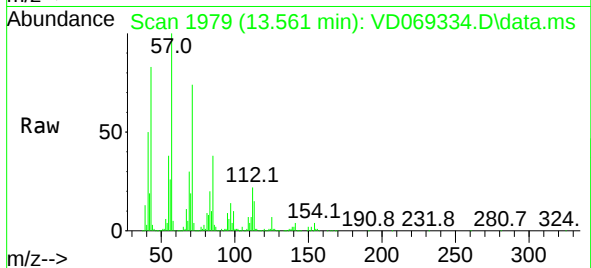




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

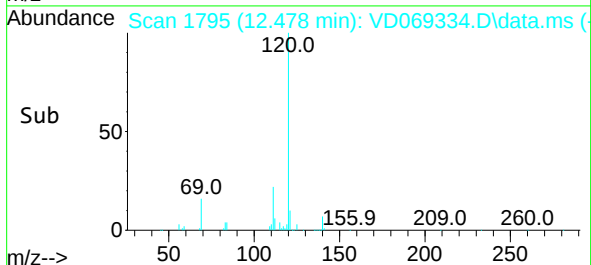
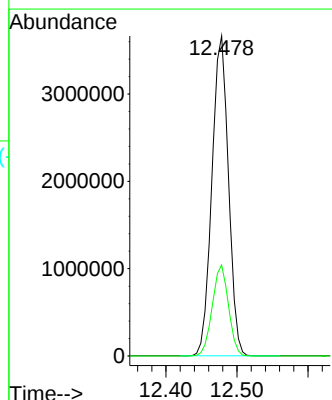
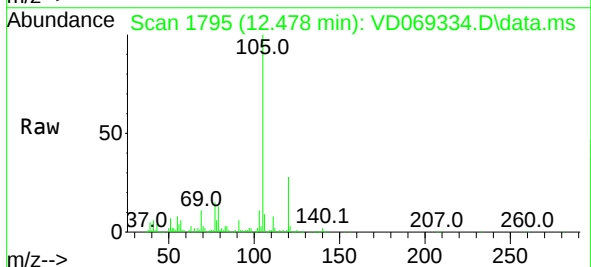
Instrument :
MSVOA_D
ClientSampleId :

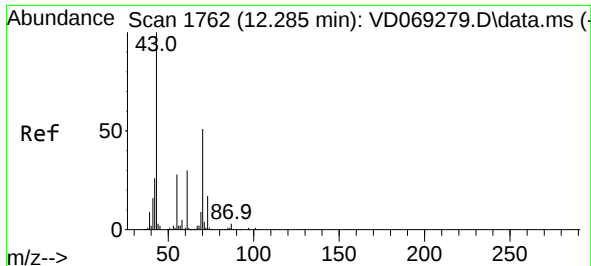
Tgt Ion:152 Resp: 59468
Ion Ratio Lower Upper
152 100
115 0.0 29.4 88.3#
150 54.6 0.0 355.0



#73
Isopropylbenzene
Concen: 1453.51 ug/l
RT: 12.478 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion:105 Resp: 5915616
Ion Ratio Lower Upper
105 100
120 27.8 13.5 40.5

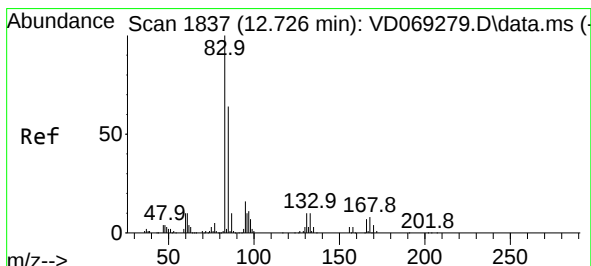
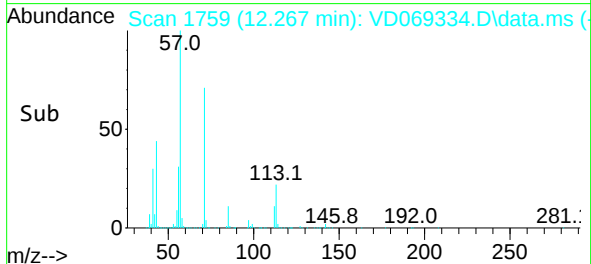
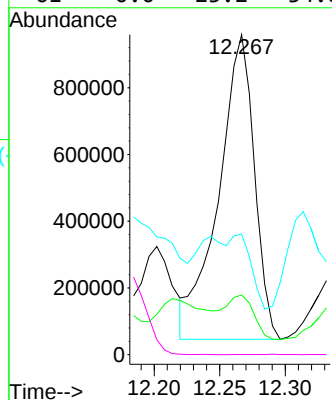
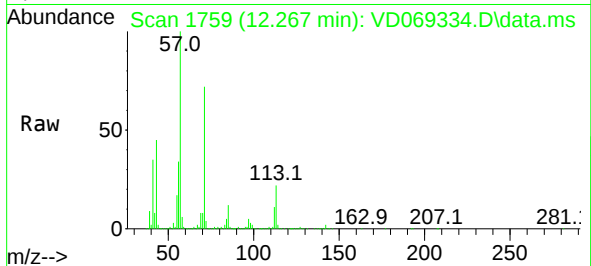




#74
N-amy1 acetate
Concen: 2410.15 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.018 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

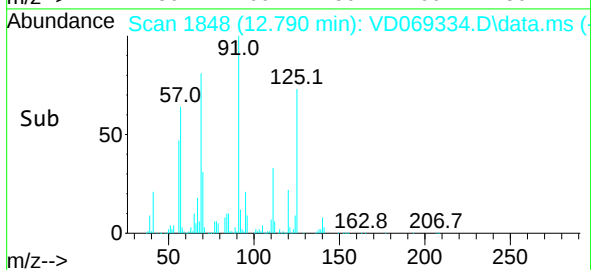
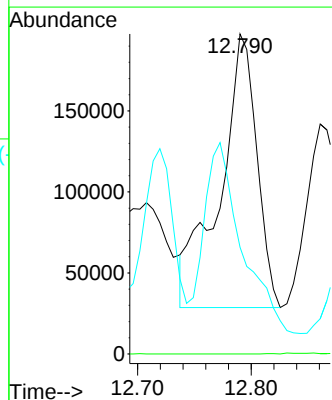
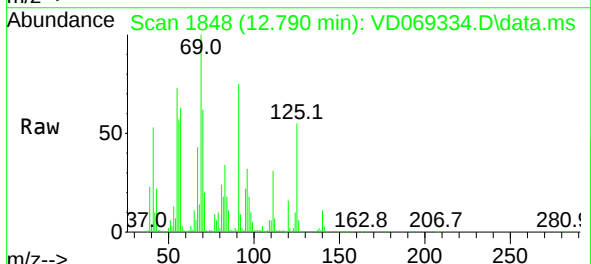
Instrument :
MSVOA_D
ClientSampleId :

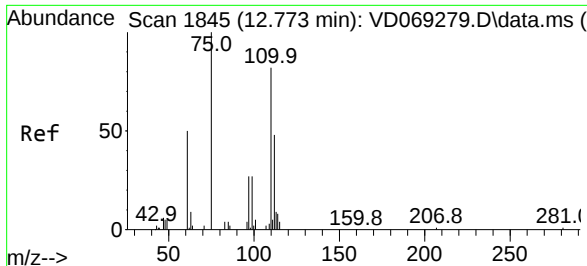
Tgt Ion: 43 Resp: 1732259
Ion Ratio Lower Upper
43 100
70 10.9 40.9 61.3#
55 0.0 23.4 35.0#
61 0.0 23.2 34.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 501.11 ug/l
RT: 12.790 min Scan# 1848
Delta R.T. 0.064 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion: 83 Resp: 380730
Ion Ratio Lower Upper
83 100
131 0.0 5.3 16.1#
85 71.6 32.6 98.0

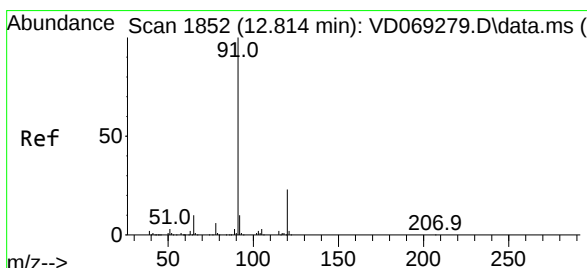
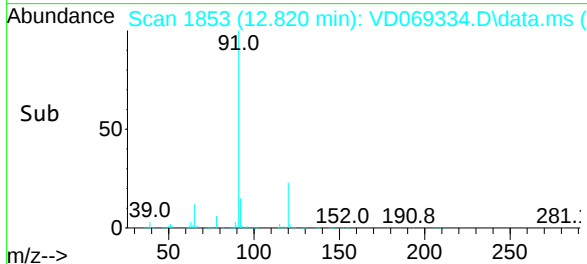
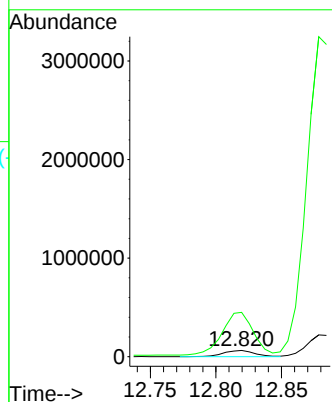
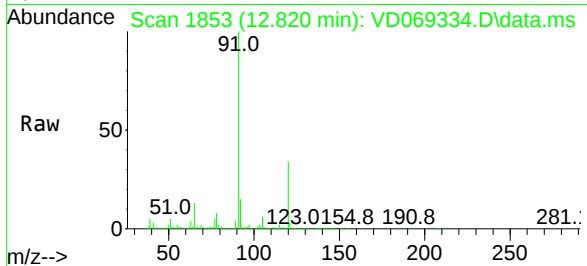




#76
1,2,3-Trichloropropane
Concen: 199.27 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.047 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

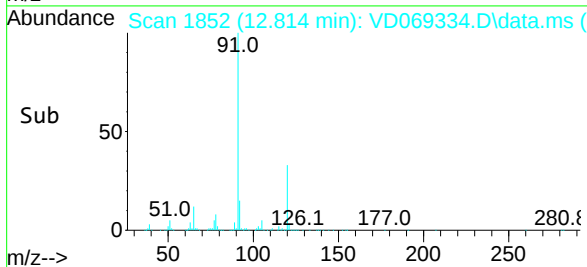
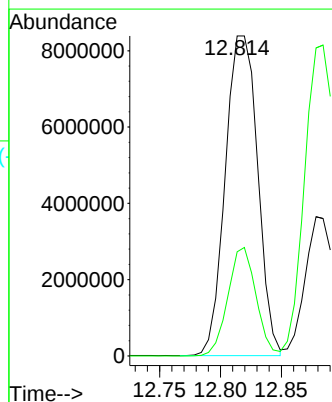
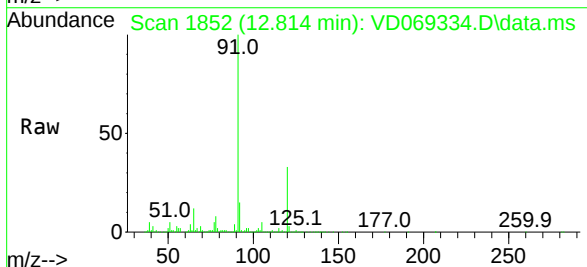
Instrument :
MSVOA_D
ClientSampleId :

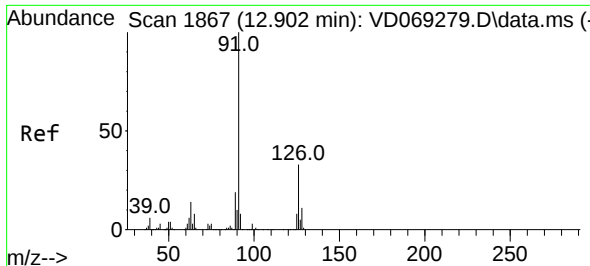
Tgt Ion: 75 Resp: 102958
Ion Ratio Lower Upper
75 100
77 699.8 183.8 551.2#



#78
n-propylbenzene
Concen: 3109.62 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion: 91 Resp:15521501
Ion Ratio Lower Upper
91 100
120 29.6 11.6 34.8

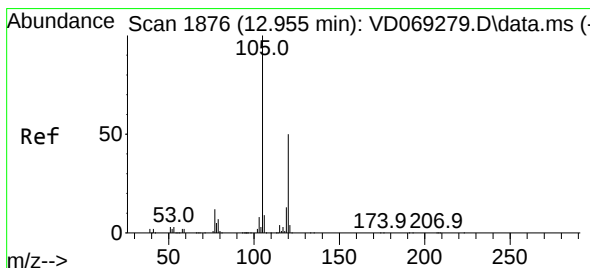
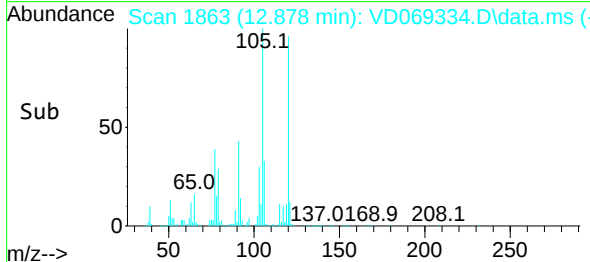
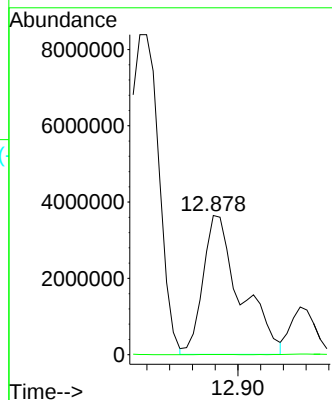
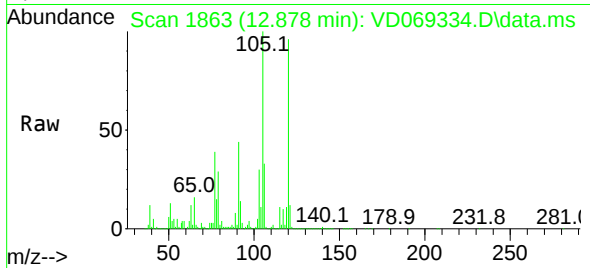




#79
2-Chlorotoluene
Concen: 2945.27 ug/l
RT: 12.878 min Scan# 1863
Delta R.T. -0.024 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

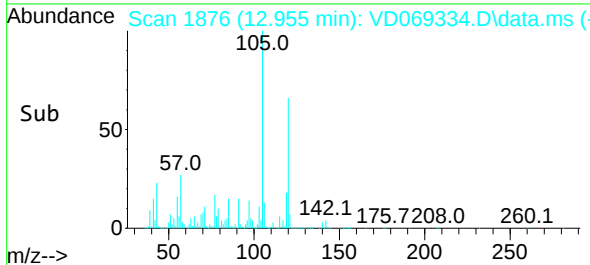
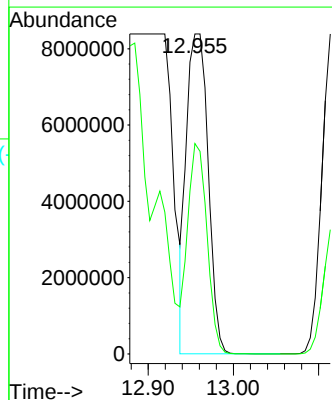
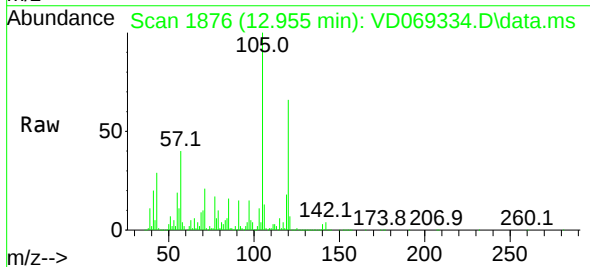
Instrument :
MSVOA_D
ClientSampleId :

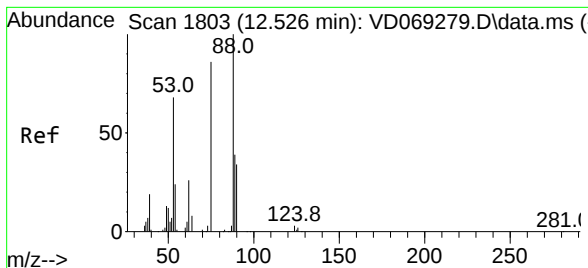
Tgt Ion: 91 Resp: 8356860
Ion Ratio Lower Upper
91 100
126 0.1 16.8 50.3#



#80
1,3,5-Trimethylbenzene
Concen: 4310.43 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion: 105 Resp: 14857465
Ion Ratio Lower Upper
105 100
120 58.4 24.9 74.7

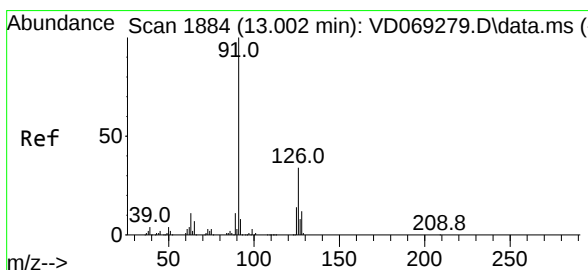
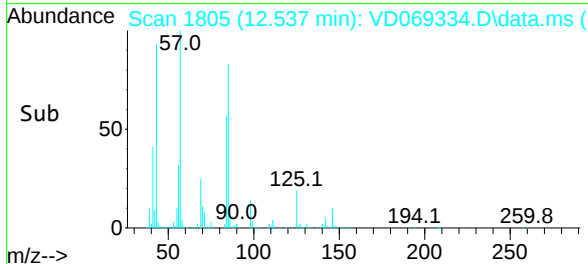
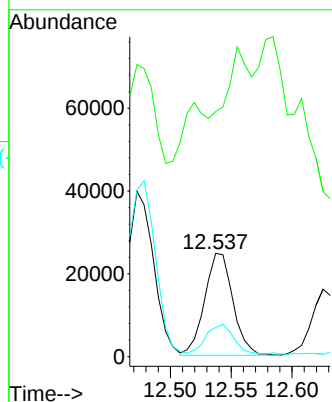
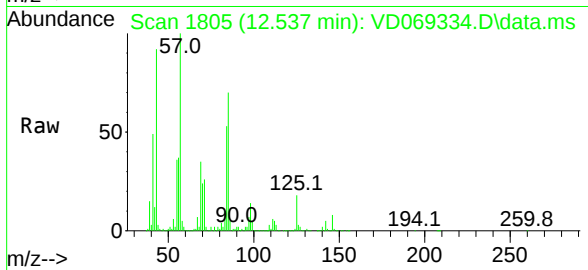




#81
trans-1,4-Dichloro-2-butene
Concen: 170.35 ug/l
RT: 12.537 min Scan# 1805
Delta R.T. 0.011 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

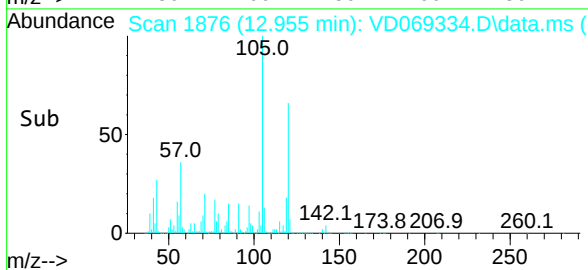
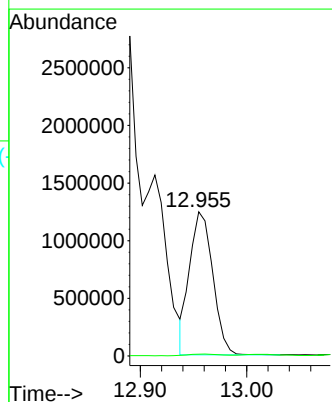
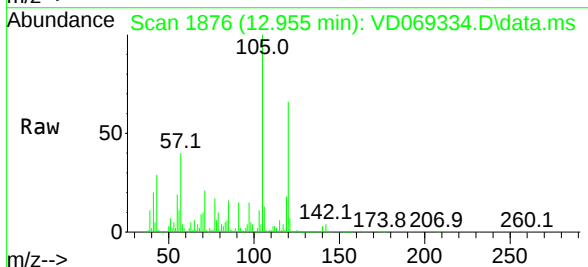
Instrument :
MSVOA_D
ClientSampled :

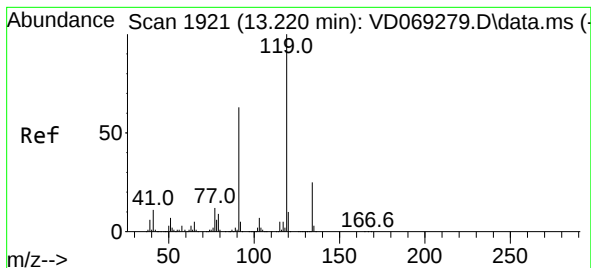
Tgt Ion: 75 Resp: 39718
Ion Ratio Lower Upper
75 100
53 33.4 62.6 94.0#
89 29.8 35.6 53.4#



#82
4-Chlorotoluene
Concen: 628.42 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.047 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion: 91 Resp: 1875854
Ion Ratio Lower Upper
91 100
126 1.7 17.4 52.2#

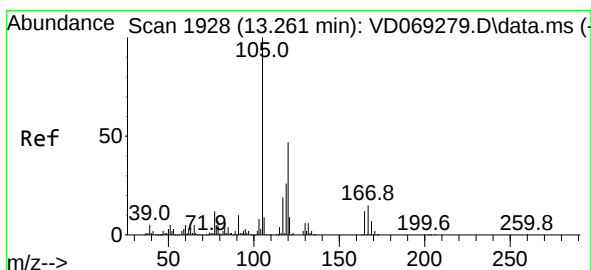
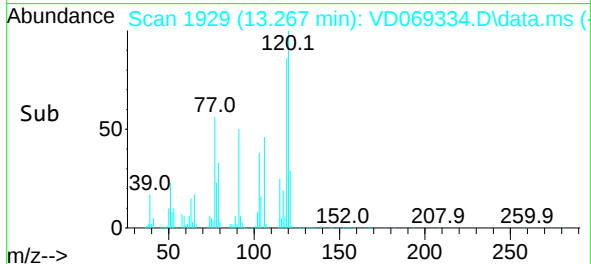
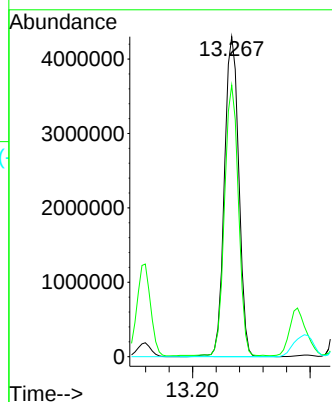
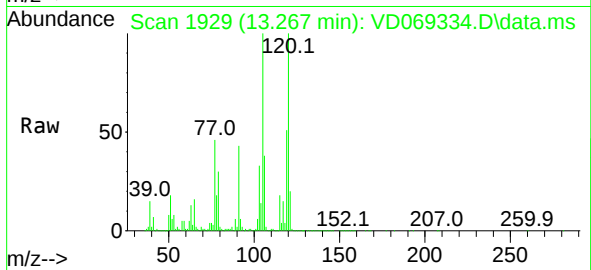




#83
tert-Butylbenzene
Concen: 2524.07 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.047 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

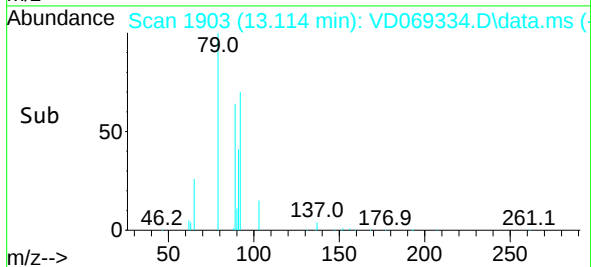
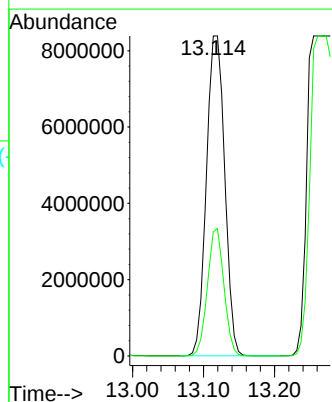
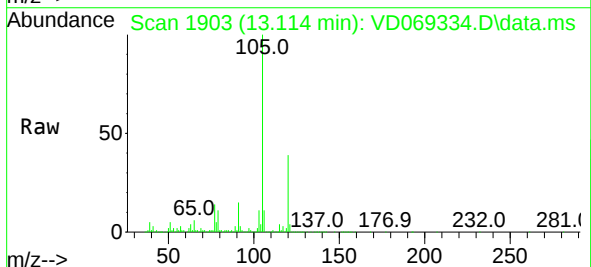
Instrument :
MSVOA_D
ClientSampled :

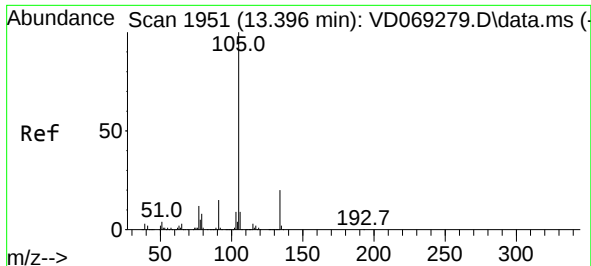
Tgt Ion:119 Resp: 7286028
Ion Ratio Lower Upper
119 100
91 82.0 31.7 95.1
134 0.0 13.4 40.1#



#84
1,2,4-Trimethylbenzene
Concen: 4385.27 ug/l
RT: 13.114 min Scan# 1903
Delta R.T. -0.147 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion:105 Resp:15032699
Ion Ratio Lower Upper
105 100
120 35.9 22.6 67.8

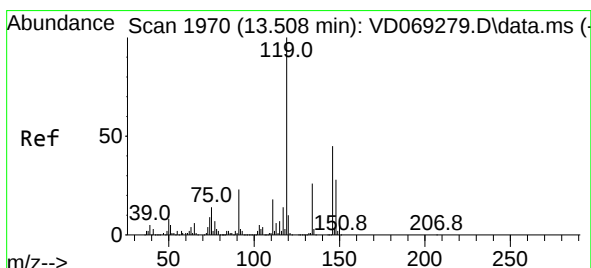
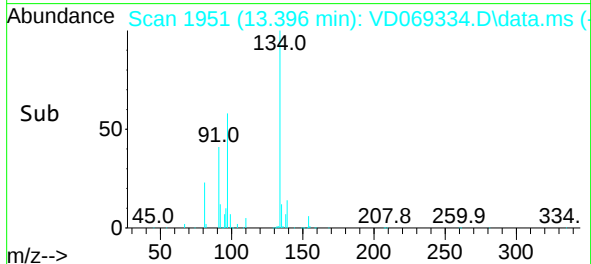
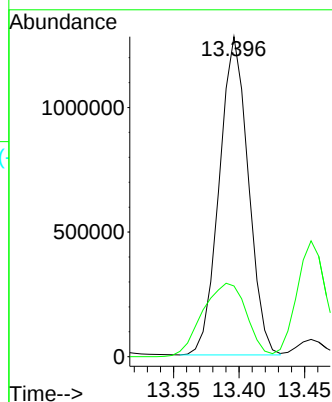
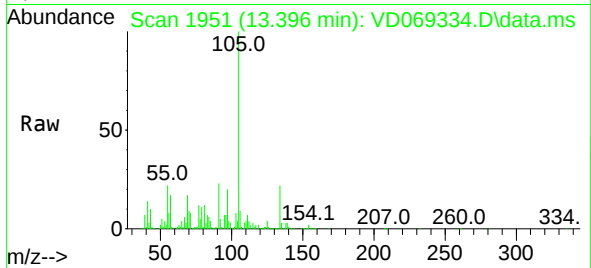




#85
 sec-Butylbenzene
 Concen: 461.43 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VD069334.D
 Acq: 03 Jun 2021 19:32

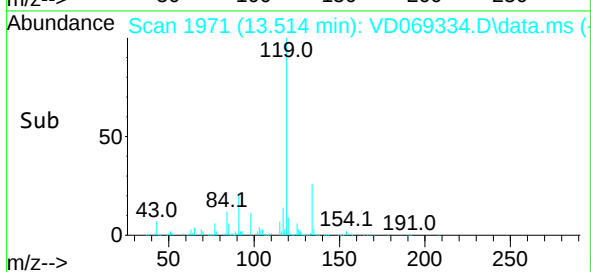
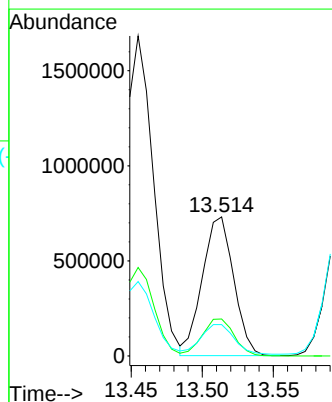
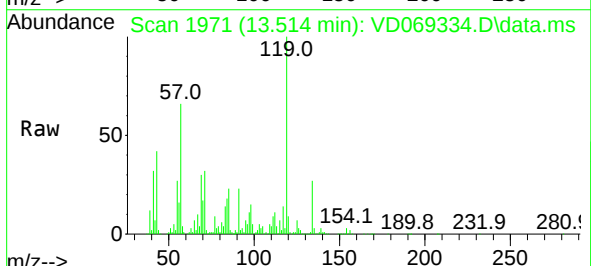
Instrument :
 MSVOA_D
 ClientSampleId :

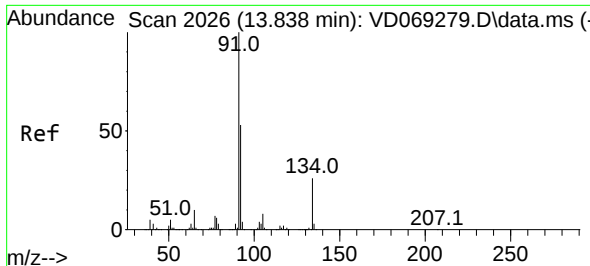
Tgt Ion:105 Resp: 1965992
 Ion Ratio Lower Upper
 105 100
 134 35.0 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 301.23 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.006 min
 Lab File: VD069334.D
 Acq: 03 Jun 2021 19:32

Tgt Ion:119 Resp: 1122192
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.0 39.0
 91 22.2 11.3 33.8

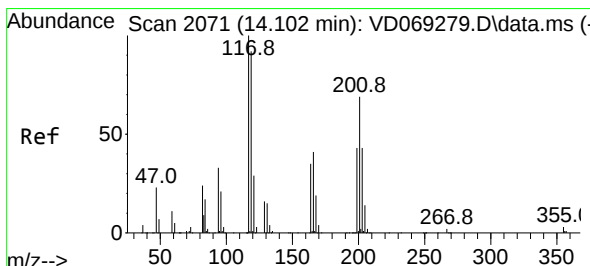
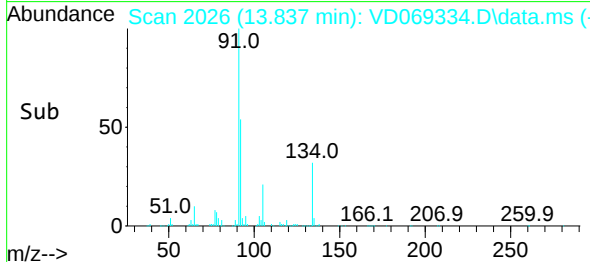
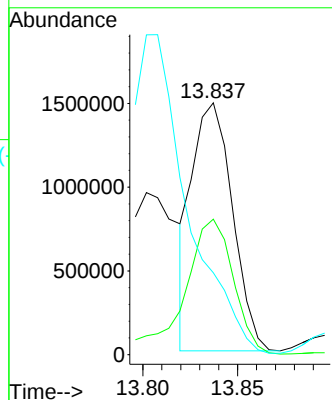
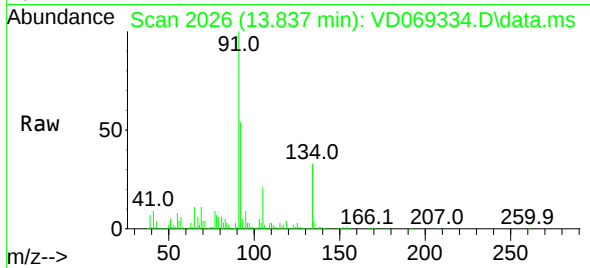




#89
n-Butylbenzene
Concen: 628.38 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. -0.000 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

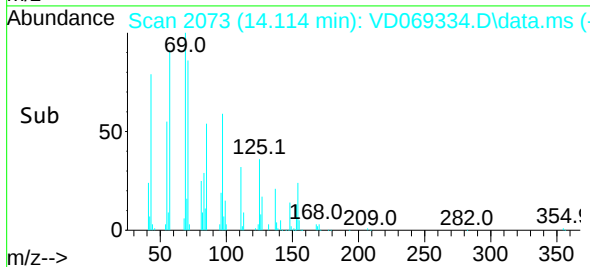
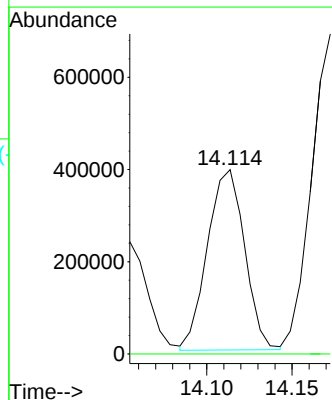
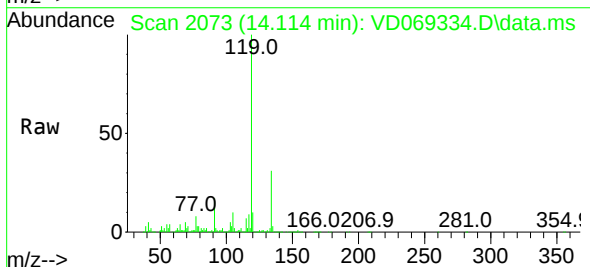
Instrument :
MSVOA_D
ClientSampleId :

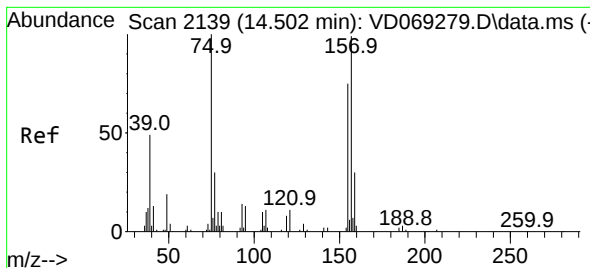
Tgt Ion: 91 Resp: 2190235
Ion Ratio Lower Upper
91 100
92 65.7 26.4 79.2
134 0.0 13.0 38.9#



#90
Hexachloroethane
Concen: 838.58 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.011 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion: 117 Resp: 593462
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.1#

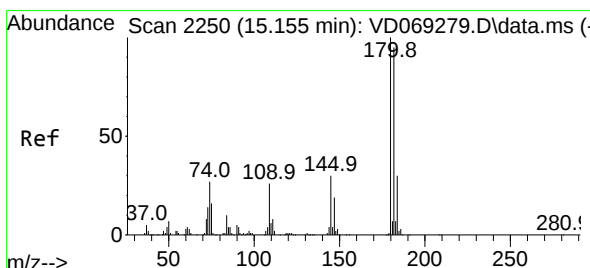
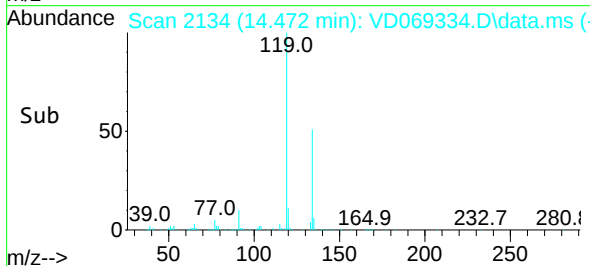
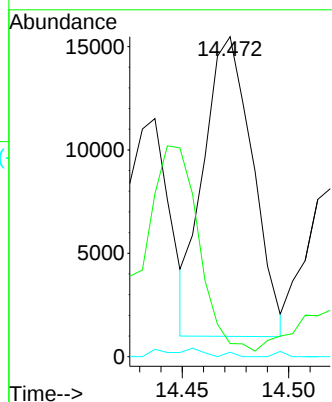
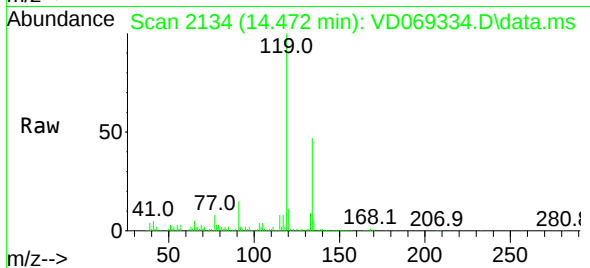




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 190.73 ug/l
 RT: 14.472 min Scan# 2134
 Delta R.T. -0.030 min
 Lab File: VD069334.D
 Acq: 03 Jun 2021 19:32

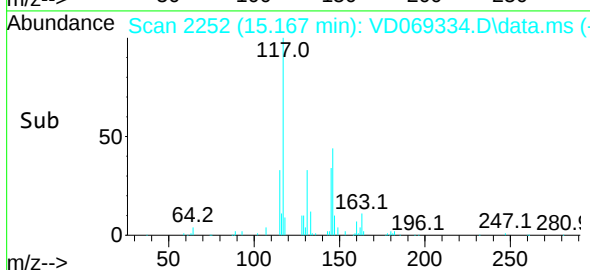
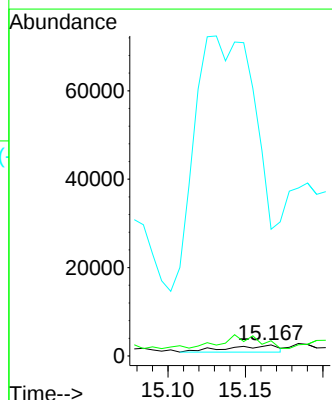
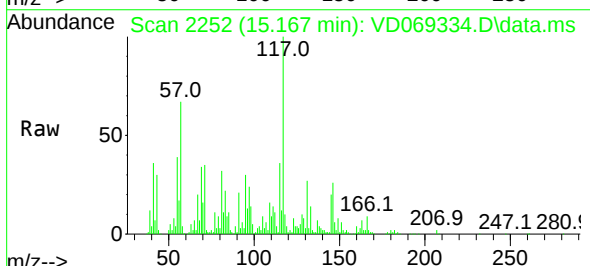
Instrument :
 MSVOA_D
 ClientSampleId :

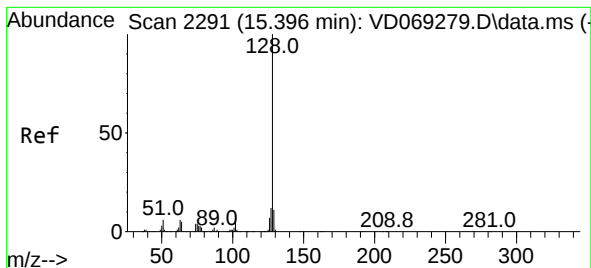
Tgt Ion: 75 Resp: 23084
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.1 126.4#
 157 0.0 54.4 163.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.48 ug/l
 RT: 15.167 min Scan# 2252
 Delta R.T. 0.011 min
 Lab File: VD069334.D
 Acq: 03 Jun 2021 19:32

Tgt Ion:180 Resp: 3564
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.8#
 145 0.0 15.2 45.5#

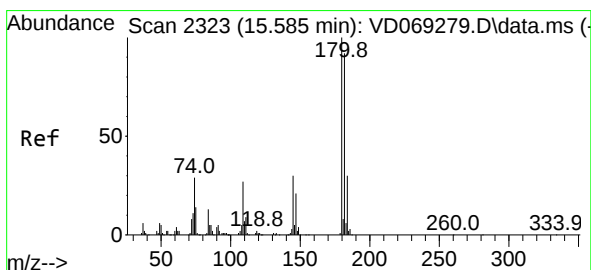
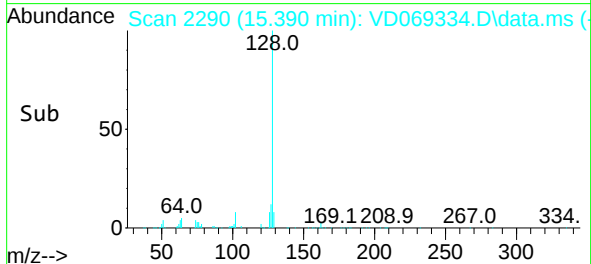
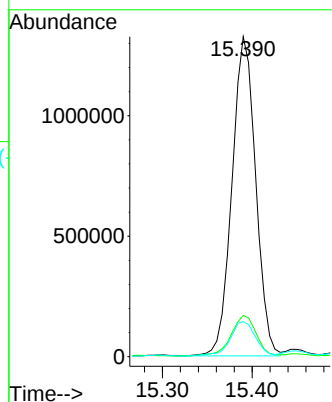
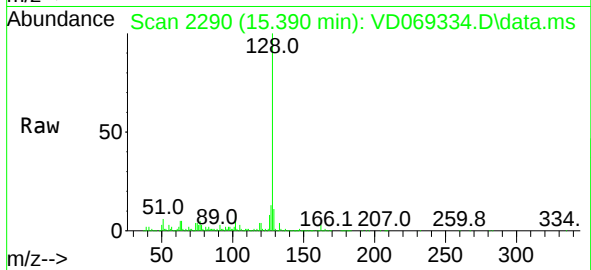




#95
Naphthalene
Concen: 1121.44 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 2429548
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 12.09 ug/l
RT: 15.602 min Scan# 2326
Delta R.T. 0.017 min
Lab File: VD069334.D
Acq: 03 Jun 2021 19:32

Tgt Ion:180 Resp: 10916
Ion Ratio Lower Upper
180 100
182 0.0 47.0 141.0#
145 0.0 15.9 47.7#

