

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070779.D
 Acq On : 20 Oct 2021 16:48
 Operator : VA/SY
 Sample : M4284-04
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 16943

Quant Time: Oct 21 05:39:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	7813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	13339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	19765	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	6907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	8266	89.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.640%#	
35) Dibromofluoromethane	7.902	113	4333	50.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.460%	
50) Toluene-d8	10.332	98	19244	58.777	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.560%	
62) 4-Bromofluorobenzene	12.620	95	8182	72.577	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 145.160%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.220	50	759	5.600	ug/l #	42
4) Vinyl Chloride	2.297	62	211	1.519	ug/l #	44
5) Bromomethane	2.791	94	207	2.444	ug/l #	56
11) Tert butyl alcohol	5.202	59	86	16.601	ug/l #	83
12) 1,1-Dichloroethene	4.055	96	215	2.532	ug/l #	1
13) Acrolein	3.932	56	53	10.570	ug/l #	14
15) Acrylonitrile	5.238	53	126	5.720	ug/l #	18
16) Acetone	4.144	43	25564	1145.345	ug/l	95
20) Methylene Chloride	4.967	84	575	Below Cal	#	19
23) Vinyl Acetate	6.373	43	61	16.673	ug/l #	69
25) 2-Butanone	7.208	43	7513	272.469	ug/l	95
29) Tetrahydrofuran	7.543	42	64	3.791	ug/l #	29
31) Cyclohexane	7.973	56	571	3.050	ug/l #	27
36) 1,1-Dichloropropene	7.967	75	720	4.845	ug/l #	56
37) Ethyl Acetate	7.261	43	381	6.189	ug/l #	65
39) Methylcyclohexane	9.343	83	735	4.386	ug/l #	70
41) Methacrylonitrile	7.491	41	284	8.974	ug/l #	16
43) Isopropyl Acetate	8.449	43	301	2.563	ug/l #	46
46) Dibromomethane	9.249	93	104	1.921	ug/l	91
48) Methyl methacrylate	9.449	41	374	6.501	ug/l #	37
51) 4-Methyl-2-Pentanone	10.220	43	8879	143.444	ug/l	92
52) Toluene	10.396	92	61951	243.143	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	354	4.760	ug/l #	52
56) Ethyl methacrylate	10.643	69	322	7.074	ug/l #	32
57) 1,3-Dichloropropane	11.108	76	278	2.107	ug/l #	36
58) 2-Chloroethyl Vinyl ether	9.932	63	76	1.940	ug/l #	47
59) 2-Hexanone	10.996	43	702	16.113	ug/l #	31
60) Dibromochloromethane	11.161	129	1259	14.731	ug/l	93
61) 1,2-Dibromoethane	11.284	107	615	9.039	ug/l	81
66) 1,1,1,2-Tetrachloroethane	11.696	131	382	2.547	ug/l	80
67) Ethyl Benzene	11.743	91	10899	14.705	ug/l	96
68) m/p-Xylenes	11.837	106	12669	45.120	ug/l	94
69) o-Xylene	12.173	106	7222	28.353	ug/l	82
70) Styrene	12.179	104	890	2.010	ug/l #	1
71) Bromoform	12.343	173	349	4.481	ug/l #	1
73) Isopropylbenzene	12.502	105	2273	4.619	ug/l	88

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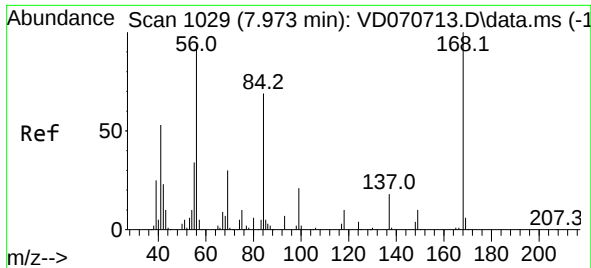
Instrument :
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 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

74) N-amyl acetate	12.273	43	1852	14.455	ug/l #	37
75) 1,1,2,2-Tetrachloroethane	12.696	83	587	6.030	ug/l #	19
76) 1,2,3-Trichloropropane	12.778	75	211	3.536	ug/l #	100
77) Bromobenzene	12.967	156	52633	472.394	ug/l #	1
78) n-propylbenzene	12.808	91	6258	9.783	ug/l #	55
79) 2-Chlorotoluene	12.849	91	839	2.269	ug/l	73
80) 1,3,5-Trimethylbenzene	13.002	105	1343	3.228	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.508	75	831	30.502	ug/l #	91
82) 4-Chlorotoluene	13.020	91	1118	2.859	ug/l	90
83) tert-Butylbenzene	13.202	119	2802	8.150	ug/l	78
84) 1,2,4-Trimethylbenzene	13.255	105	13731	33.194	ug/l	83
85) sec-Butylbenzene	13.384	105	2641	4.888	ug/l	97
86) p-Isopropyltoluene	13.502	119	1887	4.344	ug/l #	75
87) 1,3-Dichlorobenzene	13.520	146	236	1.009	ug/l #	54
88) 1,4-Dichlorobenzene	13.567	146	855	3.701	ug/l #	70
89) n-Butylbenzene	13.831	91	3610	8.234	ug/l #	83
90) Hexachloroethane	14.102	117	1401	14.946	ug/l #	18
91) 1,2-Dichlorobenzene	13.878	146	441	2.205	ug/l #	54
92) 1,2-Dibromo-3-Chloropr...	14.484	75	298	19.192	ug/l #	45
95) Naphthalene	15.390	128	2530	15.023	ug/l #	87

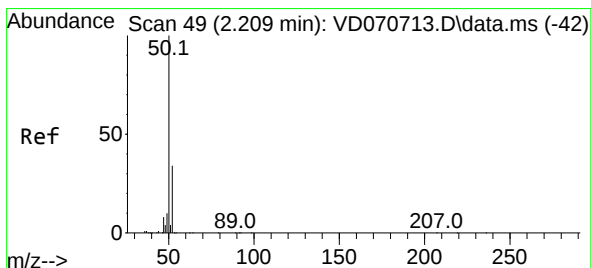
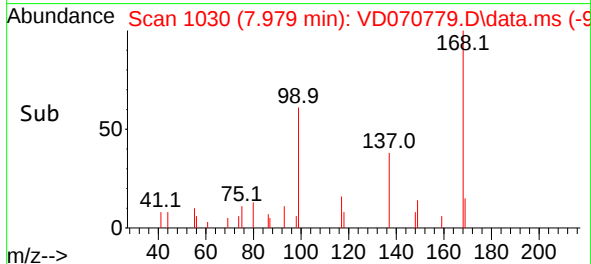
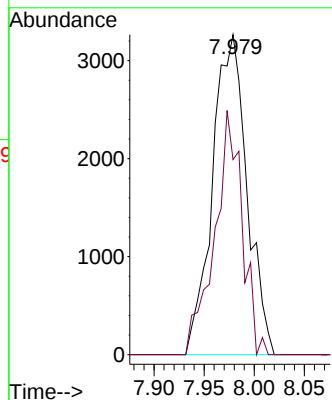
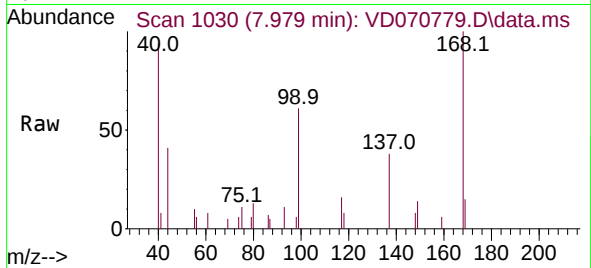
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

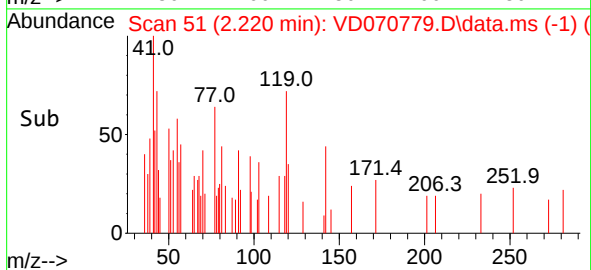
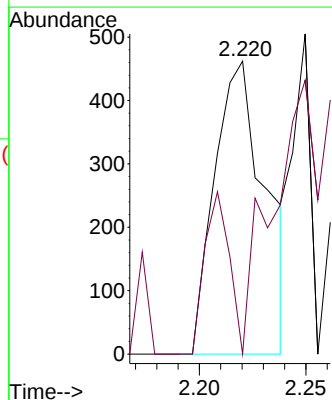
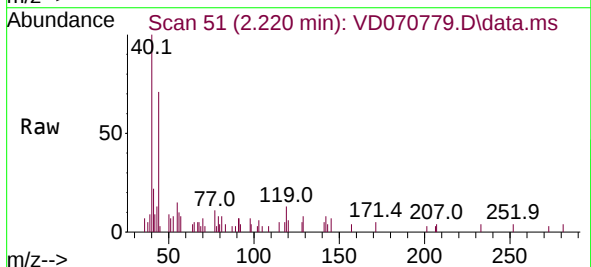
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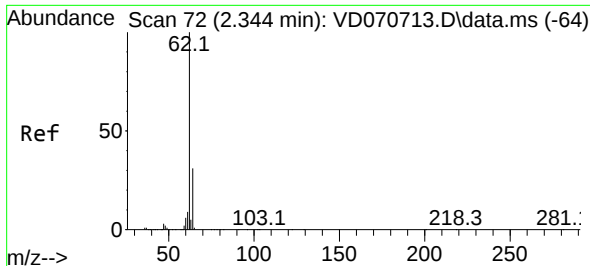
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Ion Ratio Lower Upper
168 100
99 61.0 51.4 77.0



#3
Chloromethane
Concen: 5.600 ug/l
RT: 2.220 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 50 Resp: 759
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

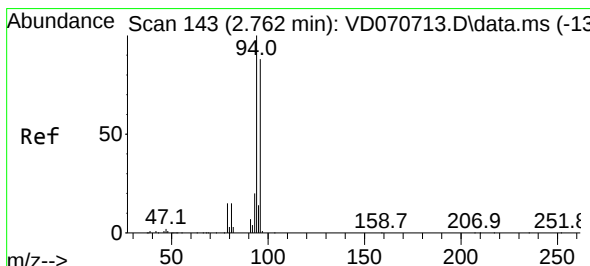
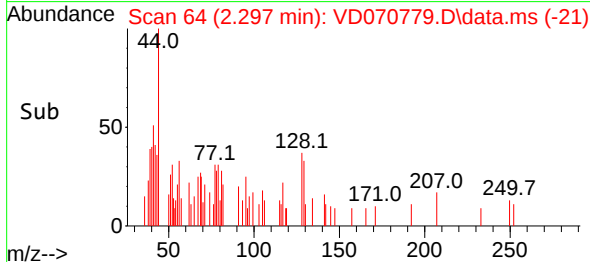
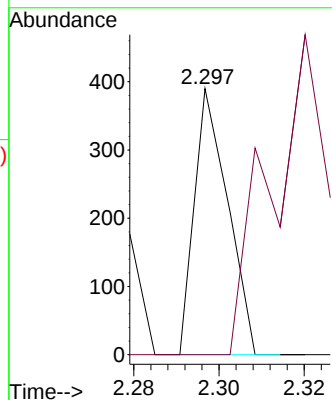
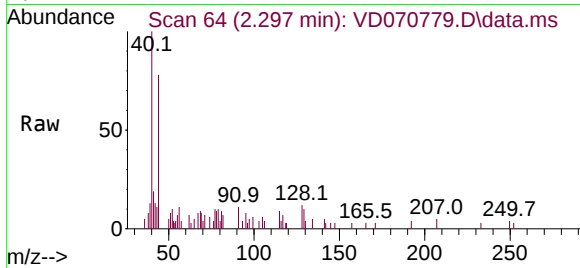




#4
 Vinyl Chloride
 Concen: 1.519 ug/l
 RT: 2.297 min Scan# 64
 Delta R.T. -0.047 min
 Lab File: VD070779.D
 Acq: 20 Oct 2021 16:48

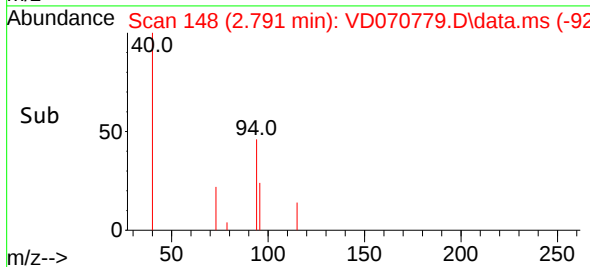
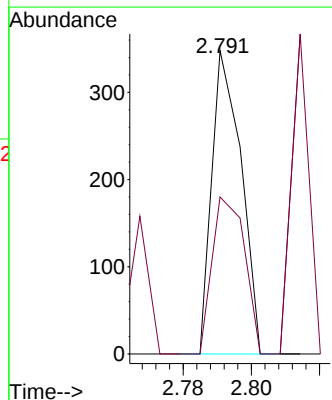
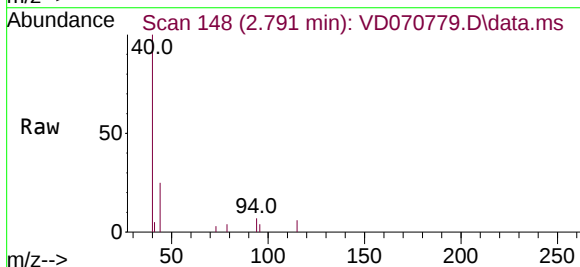
Instrument :
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 ClientSampleId :
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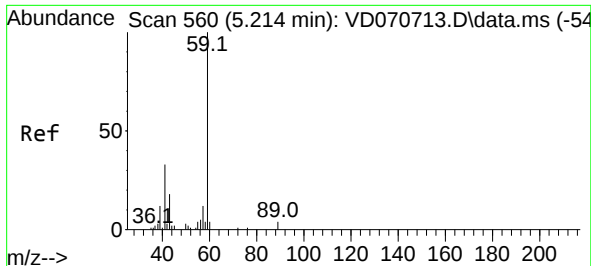
Tgt Ion: 62 Resp: 211
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.9 37.3#



#5
 Bromomethane
 Concen: 2.444 ug/l
 RT: 2.791 min Scan# 148
 Delta R.T. 0.029 min
 Lab File: VD070779.D
 Acq: 20 Oct 2021 16:48

Tgt Ion: 94 Resp: 207
 Ion Ratio Lower Upper
 94 100
 96 51.7 75.5 113.3#

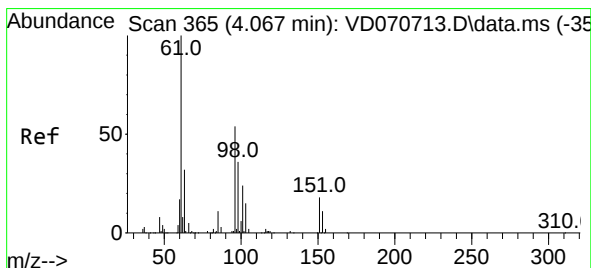
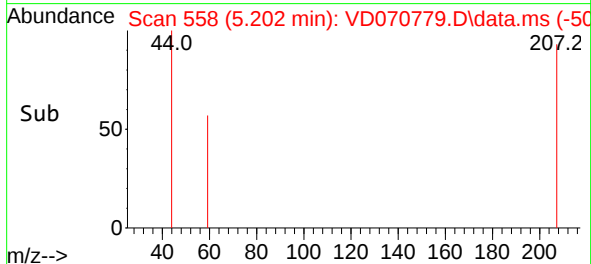
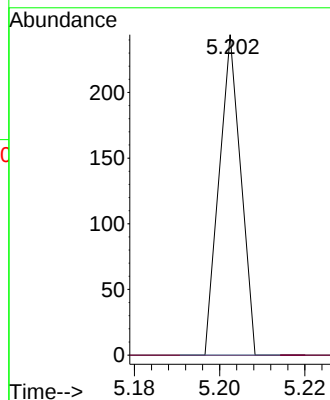
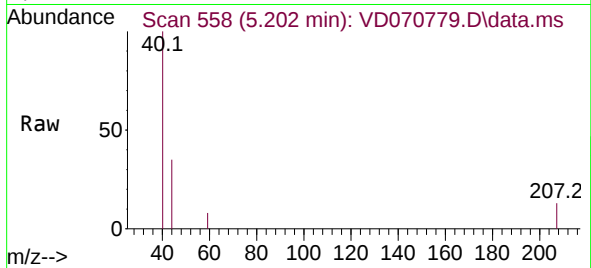




#11
Tert butyl alcohol
Concen: 16.601 ug/l
RT: 5.202 min Scan# 558
Delta R.T. -0.012 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

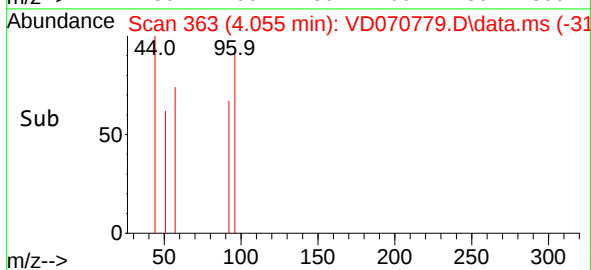
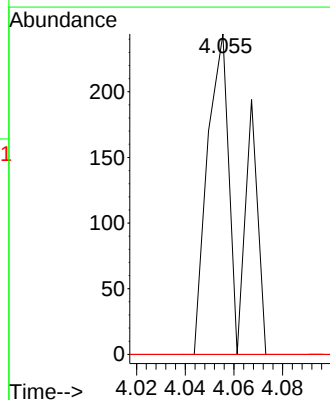
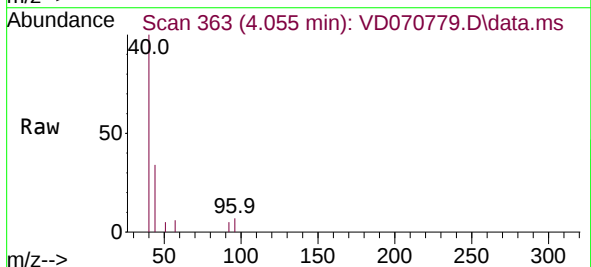
Instrument :
MSVOA_D
ClientSampleId :
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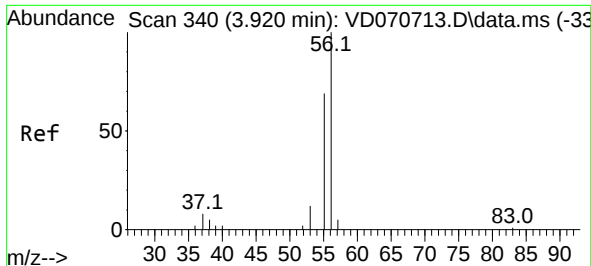
Tgt Ion: 59 Resp: 86
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#



#12
1,1-Dichloroethene
Concen: 2.532 ug/l
RT: 4.055 min Scan# 363
Delta R.T. -0.012 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 96 Resp: 215
Ion Ratio Lower Upper
96 100
61 0.0 125.9 188.9#
98 0.0 52.3 78.5#

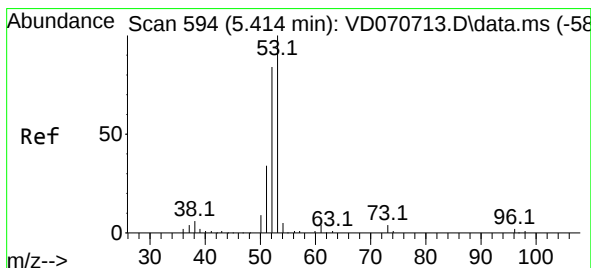
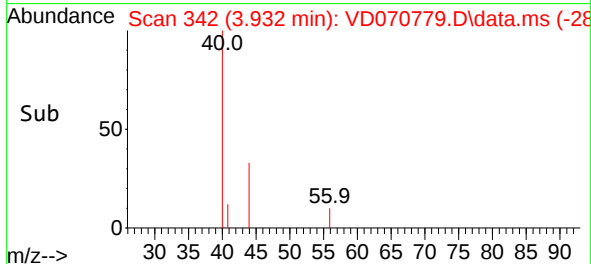
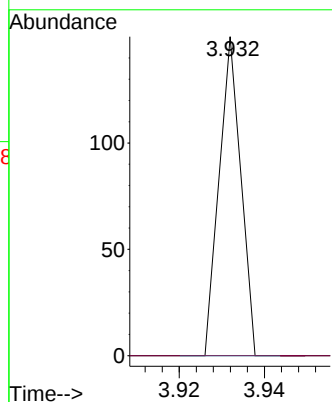
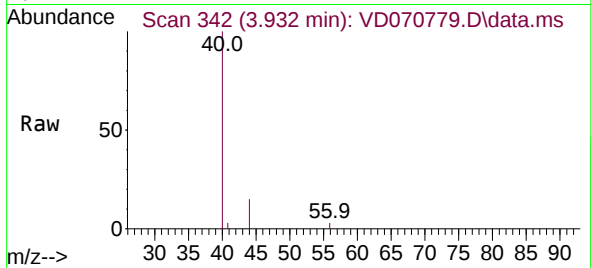




#13
Acrolein
Concen: 10.570 ug/l
RT: 3.932 min Scan# 342
Delta R.T. 0.012 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

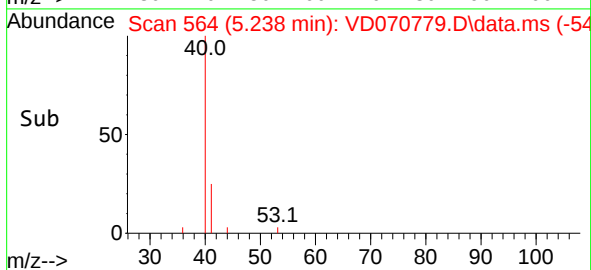
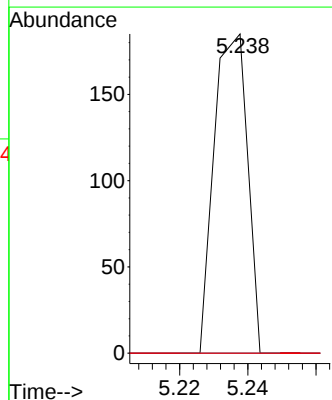
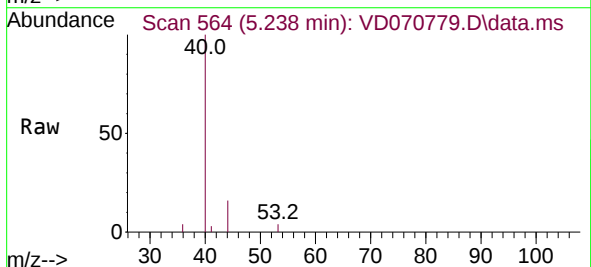
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ClientSampleId :
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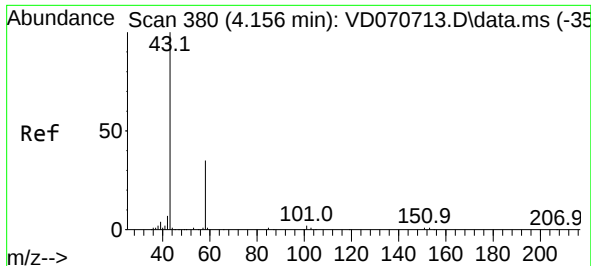
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 0.0 56.8 85.2#



#15
Acrylonitrile
Concen: 5.720 ug/l
RT: 5.238 min Scan# 564
Delta R.T. -0.177 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 53 Resp: 126
Ion Ratio Lower Upper
53 100
52 0.0 64.6 97.0#
51 0.0 28.7 43.1#

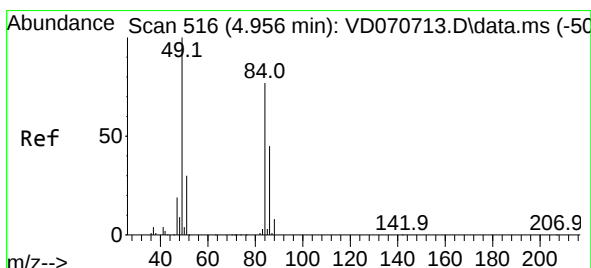
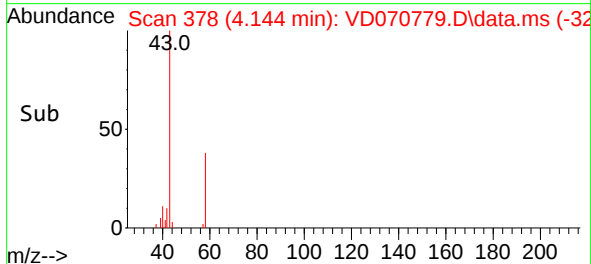
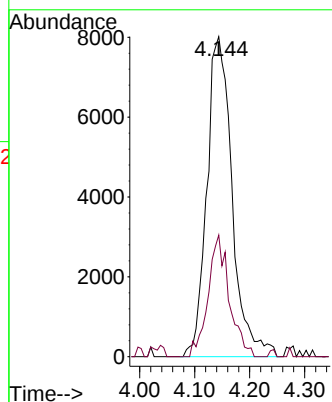
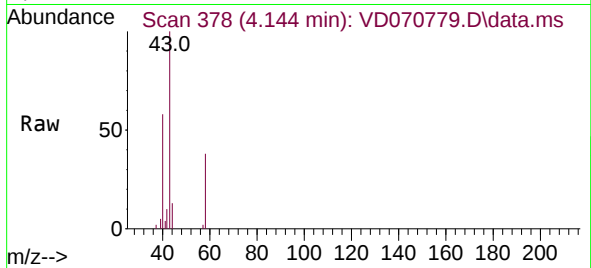




#16
Acetone
Concen: 1145.345 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

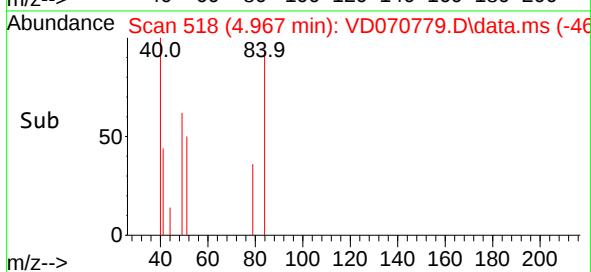
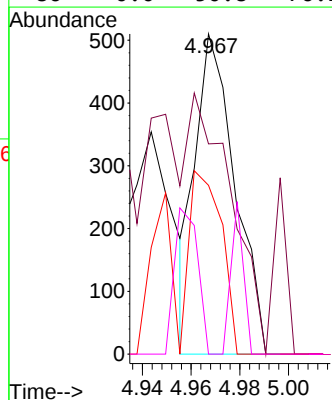
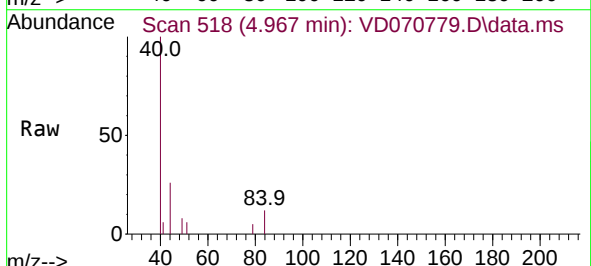
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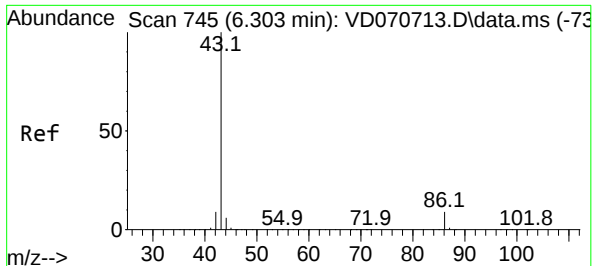
Tgt Ion: 43 Resp: 25564
Ion Ratio Lower Upper
43 100
58 38.0 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.011 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 84 Resp: 575
Ion Ratio Lower Upper
84 100
49 13.1 91.4 137.2#
51 52.7 26.7 40.1#
86 0.0 50.8 76.2#

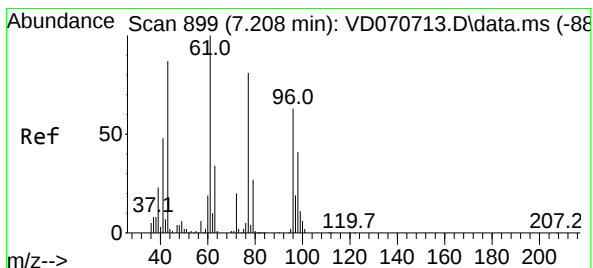
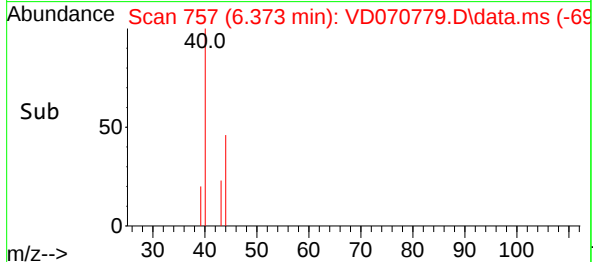
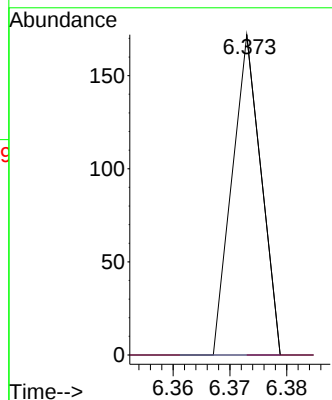
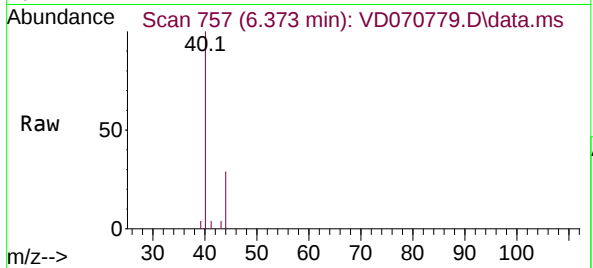




#23
 Vinyl Acetate
 Concen: 16.673 ug/l
 RT: 6.373 min Scan# 757
 Delta R.T. 0.070 min
 Lab File: VD070779.D
 Acq: 20 Oct 2021 16:48

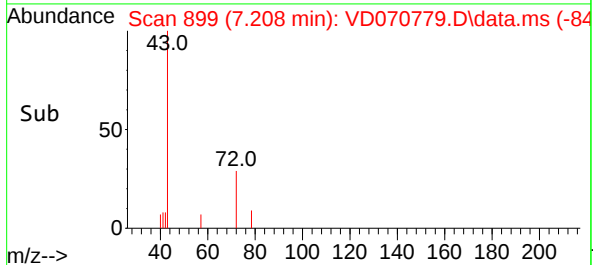
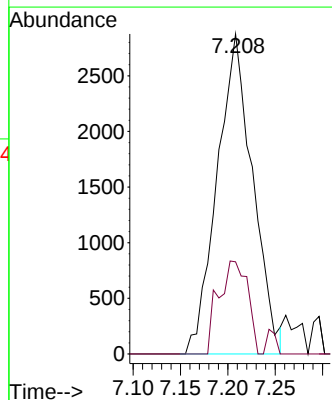
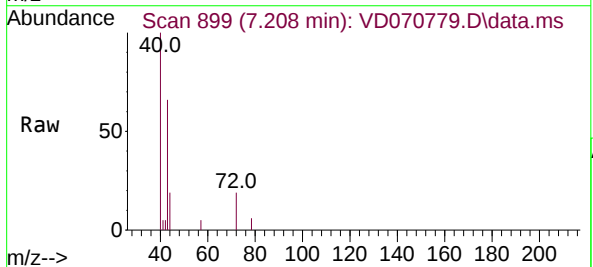
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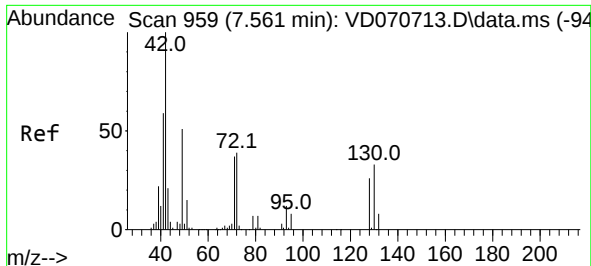
Tgt Ion: 43 Resp: 61
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.6#



#25
 2-Butanone
 Concen: 272.469 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.000 min
 Lab File: VD070779.D
 Acq: 20 Oct 2021 16:48

Tgt Ion: 43 Resp: 7513
 Ion Ratio Lower Upper
 43 100
 72 28.8 25.2 37.8





#29

Tetrahydrofuran

Concen: 3.791 ug/l

RT: 7.543 min Scan# 956

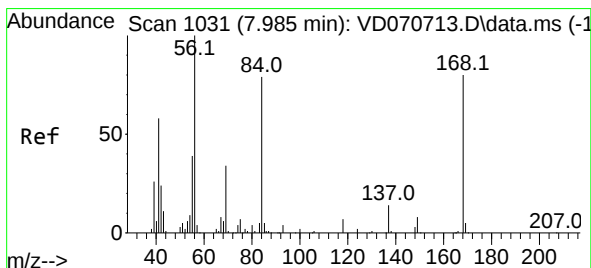
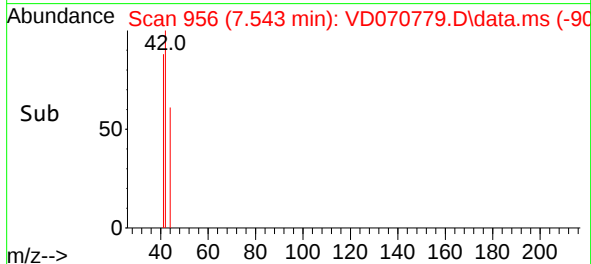
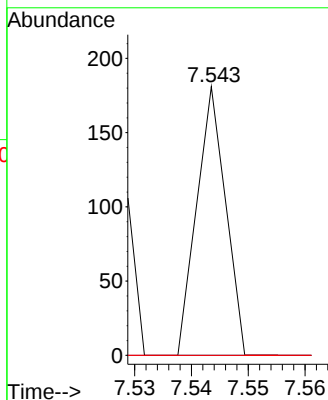
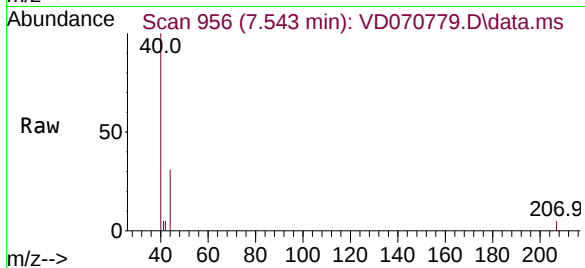
Delta R.T. -0.018 min

Lab File: VD070779.D

Acq: 20 Oct 2021 16:48

Instrument :
MSVOA_D
ClientSampleId :
16943

Tgt Ion: 42	Resp: 64
Ion Ratio	Lower Upper
42 100	
72 0.0	40.2 60.4#
71 0.0	37.2 55.8#



#31

Cyclohexane

Concen: 3.050 ug/l

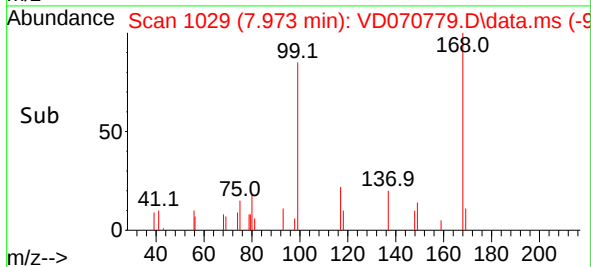
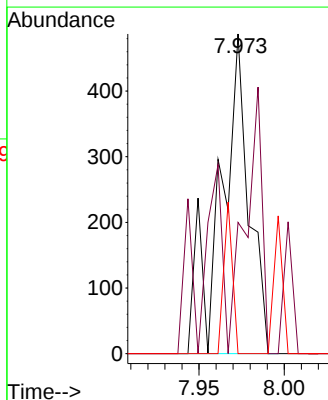
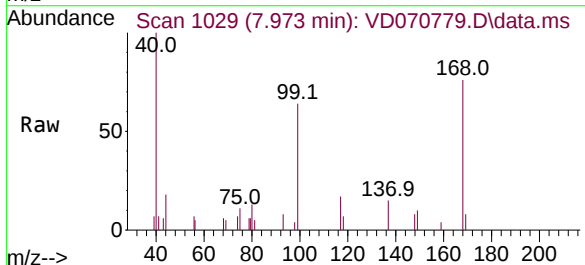
RT: 7.973 min Scan# 1029

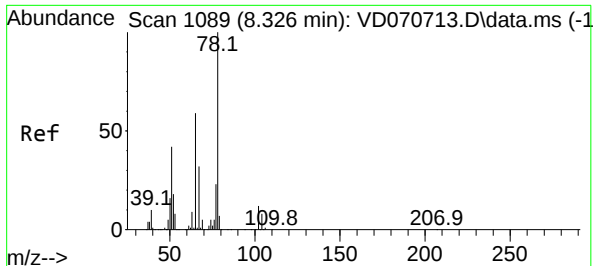
Delta R.T. -0.012 min

Lab File: VD070779.D

Acq: 20 Oct 2021 16:48

Tgt Ion: 56	Resp: 571
Ion Ratio	Lower Upper
56 100	
69 41.1	27.4 41.2
84 0.0	73.6 110.4#

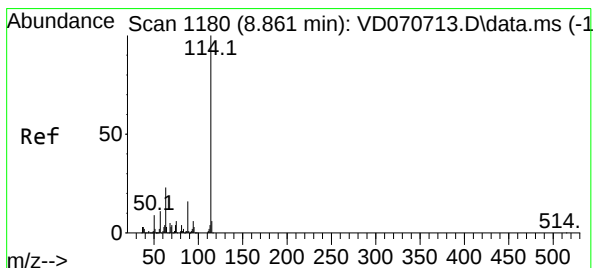
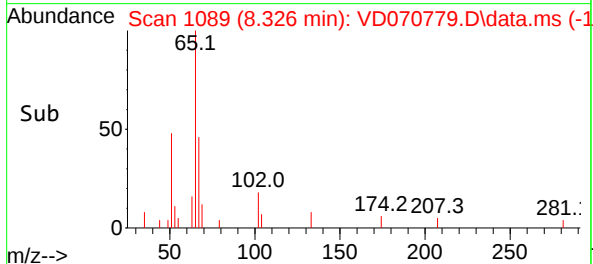
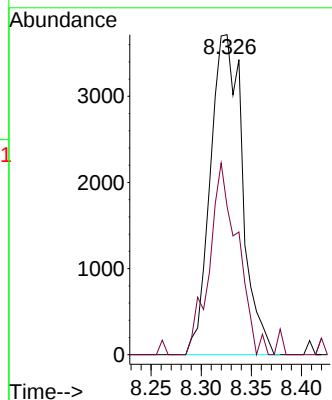
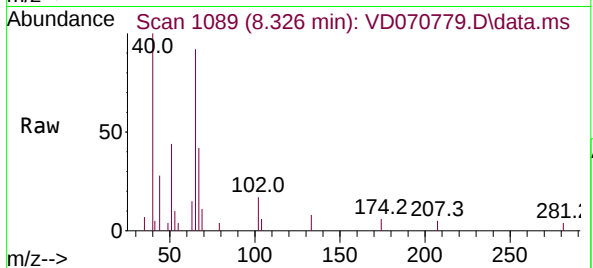




#33
1,2-Dichloroethane-d4
Concen: 89.324 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

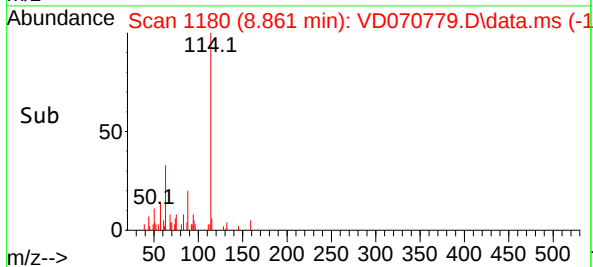
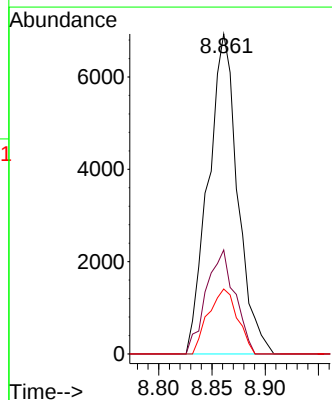
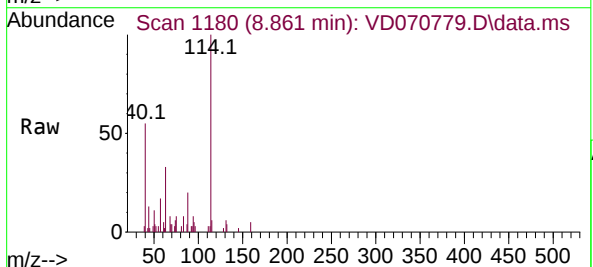
Instrument :
MSVOA_D
ClientSampleId :
16943

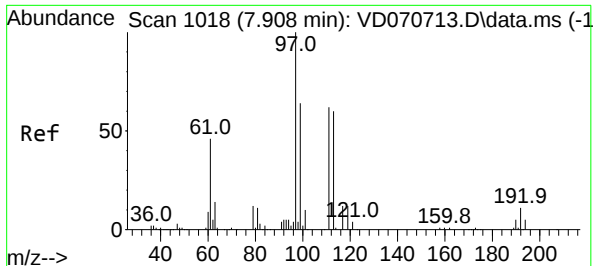
Tgt Ion: 65 Resp: 8266
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 114 Resp: 13339
Ion Ratio Lower Upper
114 100
63 32.5 0.0 41.8
88 20.3 0.0 32.6

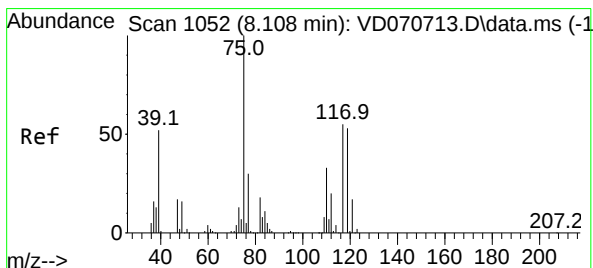
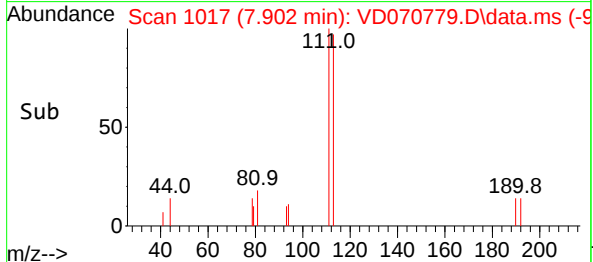
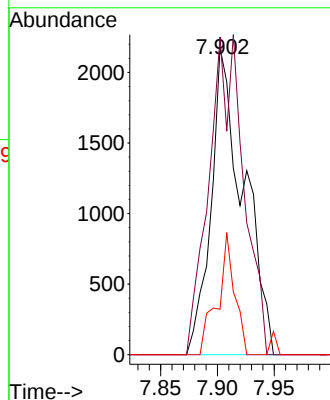
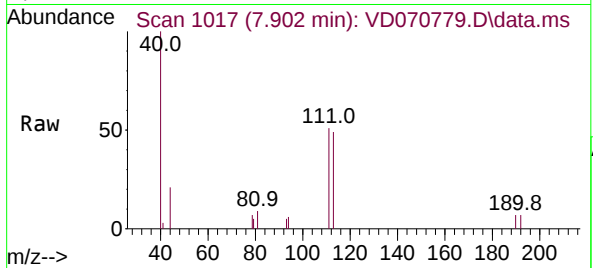




#35
Dibromofluoromethane
Concen: 50.731 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

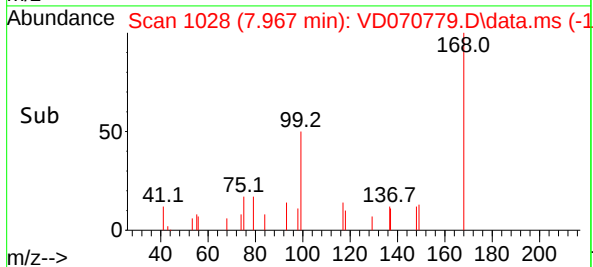
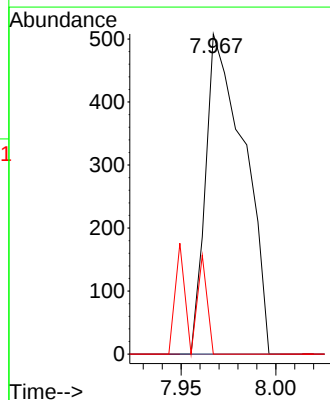
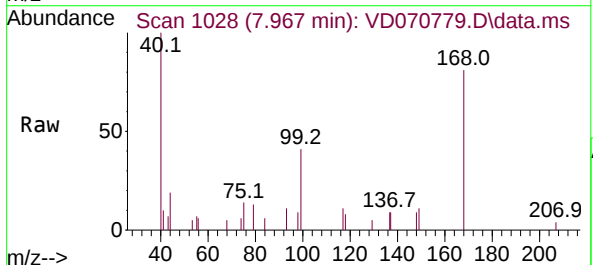
Instrument :
MSVOA_D
ClientSampleId :
16943

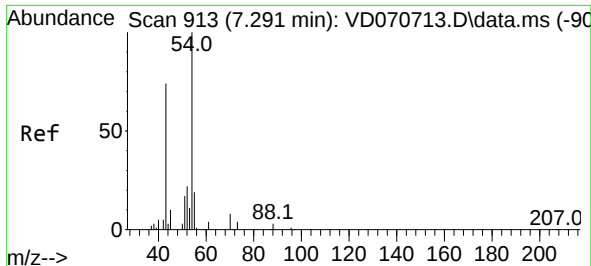
Tgt Ion:113 Resp: 4333
Ion Ratio Lower Upper
113 100
111 110.5 83.1 124.7
192 20.9 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 4.845 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

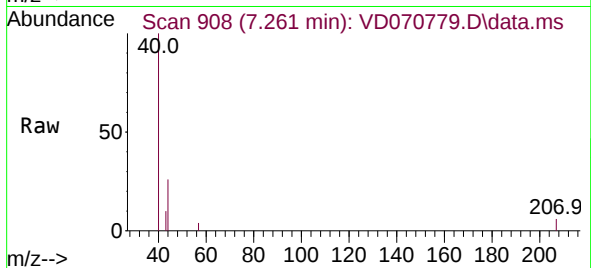
Tgt Ion: 75 Resp: 720
Ion Ratio Lower Upper
75 100
110 0.0 17.2 51.6#
77 16.3 24.2 36.4#



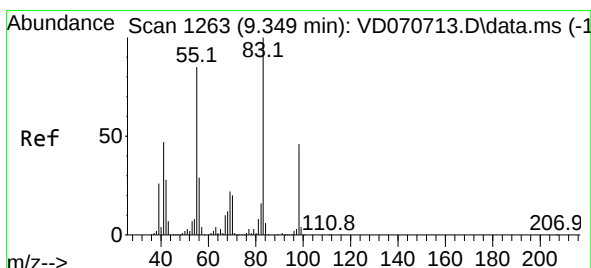
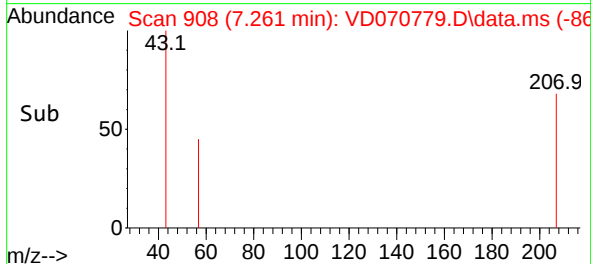
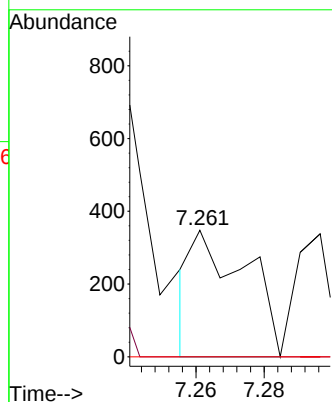


#37
Ethyl Acetate
Concen: 6.189 ug/l
RT: 7.261 min Scan# 908
Delta R.T. -0.030 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Instrument :
MSVOA_D
ClientSampleId :
16943

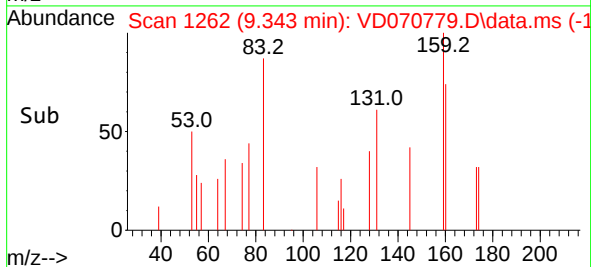
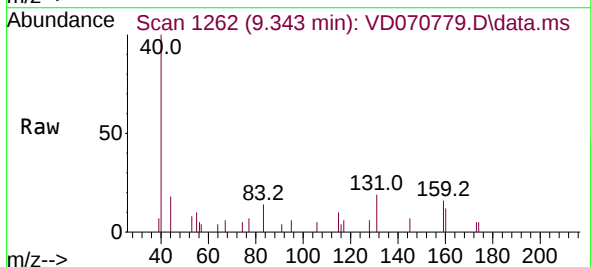
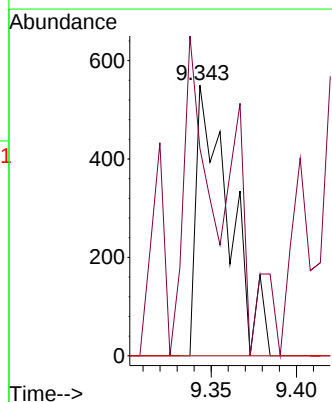


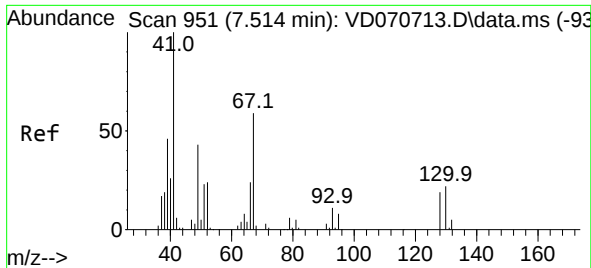
Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
61 0.0 12.9 19.3#
70 0.0 9.9 14.9#



#39
Methylcyclohexane
Concen: 4.386 ug/l
RT: 9.343 min Scan# 1262
Delta R.T. -0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 83 Resp: 735
Ion Ratio Lower Upper
83 100
55 76.7 58.2 87.4
98 0.0 36.9 55.3#

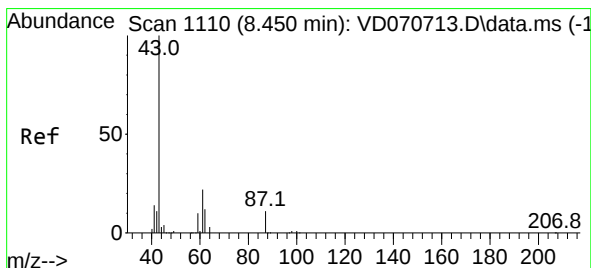
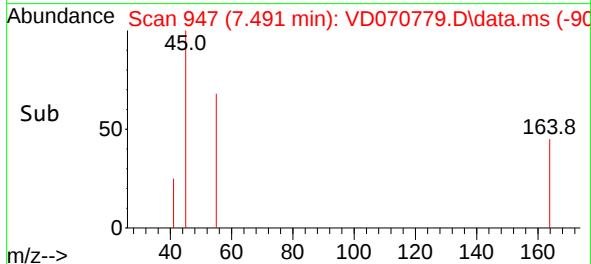
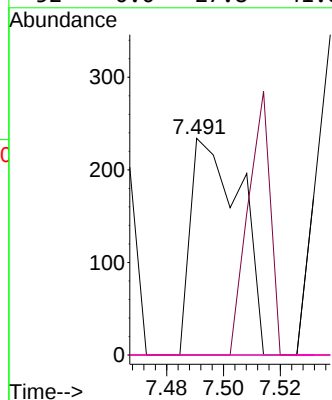
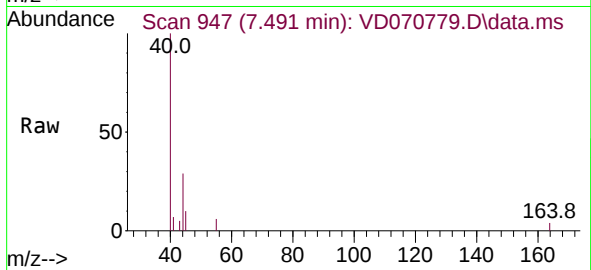




#41
Methacrylonitrile
Concen: 8.974 ug/l
RT: 7.491 min Scan# 947
Delta R.T. -0.023 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

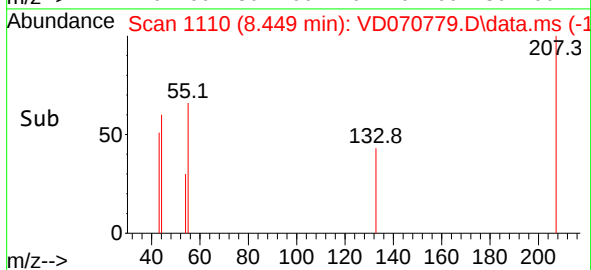
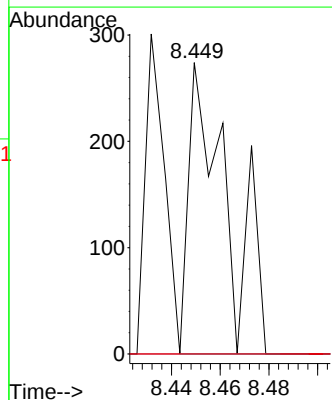
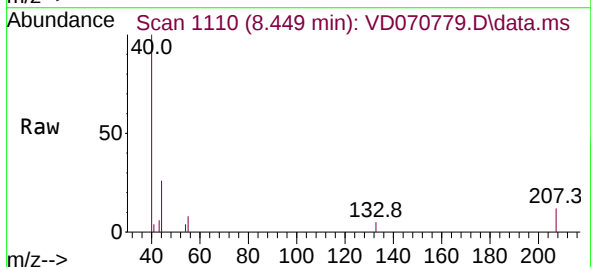
Instrument :
MSVOA_D
ClientSampleId :
16943

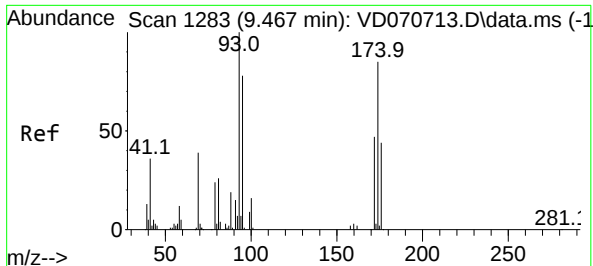
Tgt Ion:	41	Resp:	284
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.2	67.8#
67	0.0	75.8	113.6#
52	0.0	27.8	41.8#



#43
Isopropyl Acetate
Concen: 2.563 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion:	43	Resp:	301
Ion	Ratio	Lower	Upper
43	100		
61	0.0	29.0	43.4#
87	0.0	11.8	17.6#

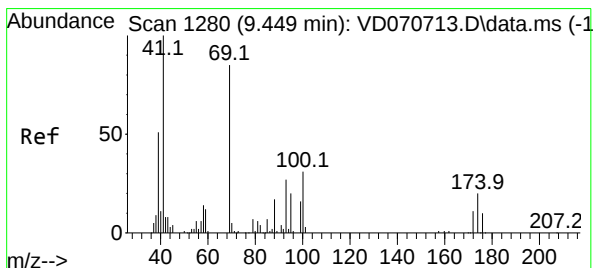
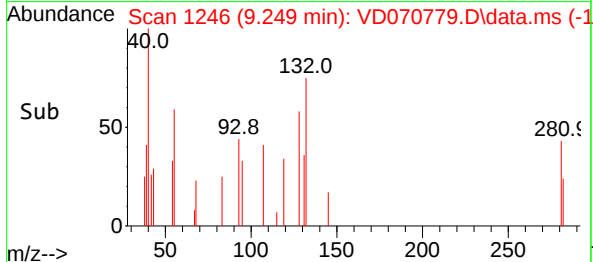
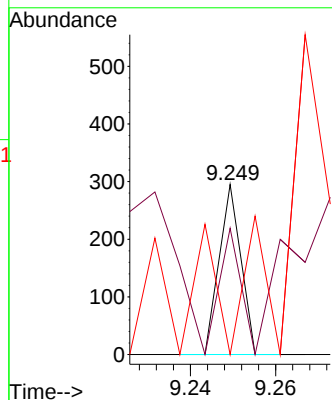
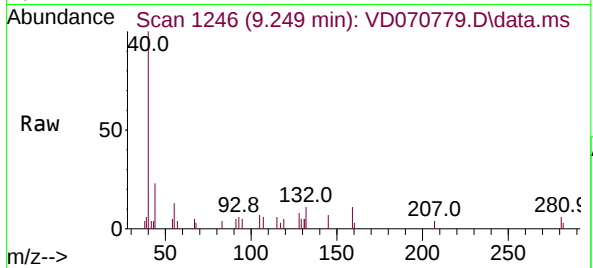




#46
Dibromomethane
Concen: 1.921 ug/l
RT: 9.249 min Scan# 1246
Delta R.T. -0.218 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

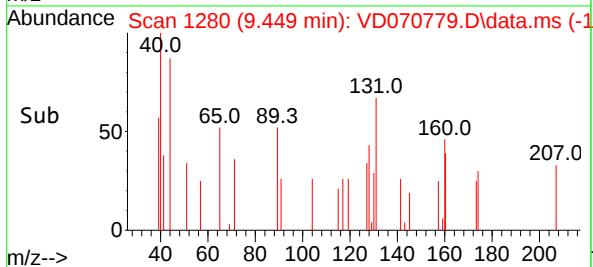
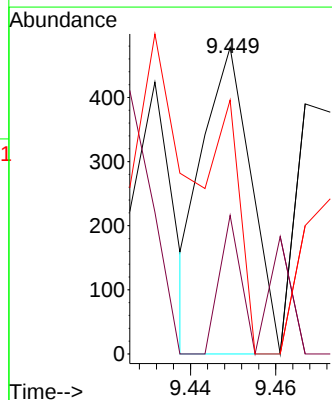
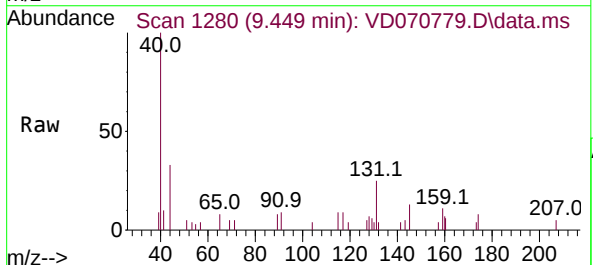
Instrument :
MSVOA_D
ClientSampleId :
16943

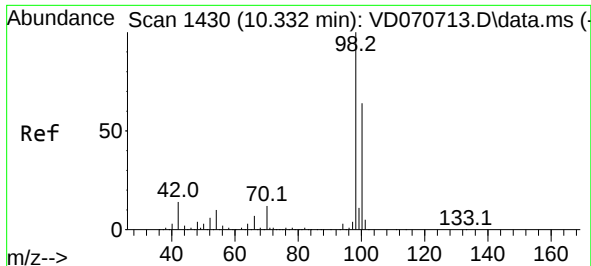
Tgt Ion: 93	Resp:	104	
Ion	Ratio	Lower	Upper
93	100		
95	74.0	66.5	99.7
174	76.9	66.7	100.1



#48
Methyl methacrylate
Concen: 6.501 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 41	Resp:	374	
Ion	Ratio	Lower	Upper
41	100		
69	37.7	78.5	117.7#
39	0.0	34.9	52.3#

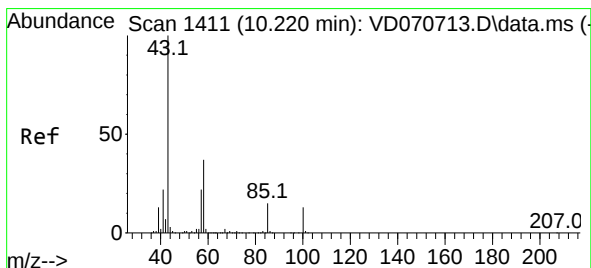
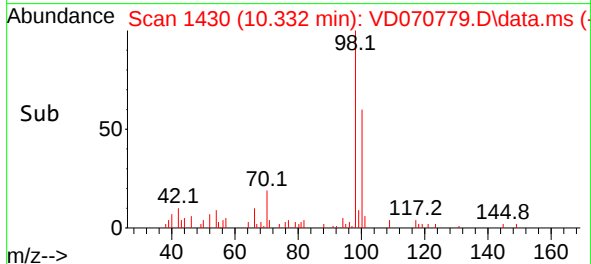
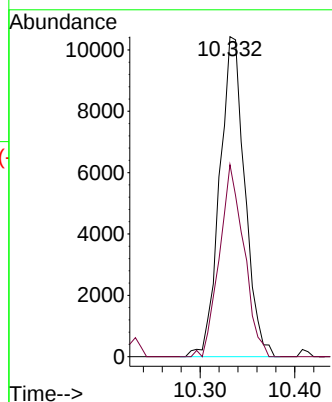
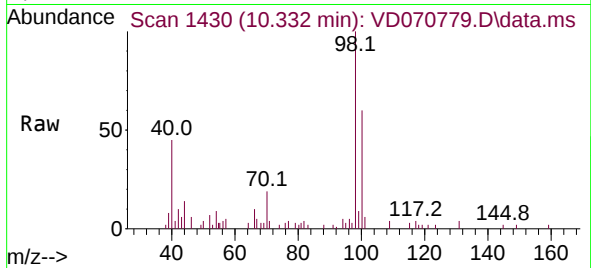




#50
Toluene-d8
Concen: 58.777 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

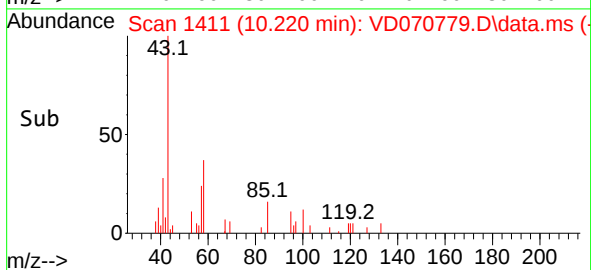
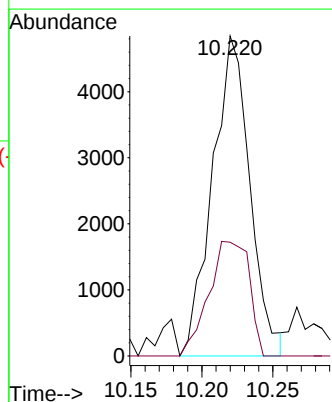
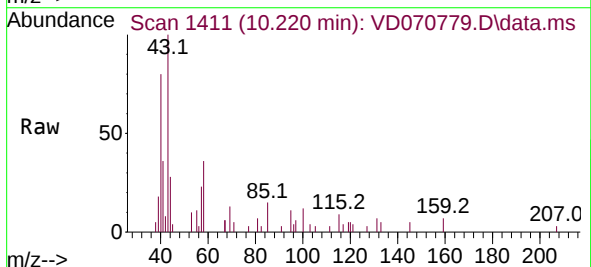
Instrument :
MSVOA_D
ClientSampleId :
16943

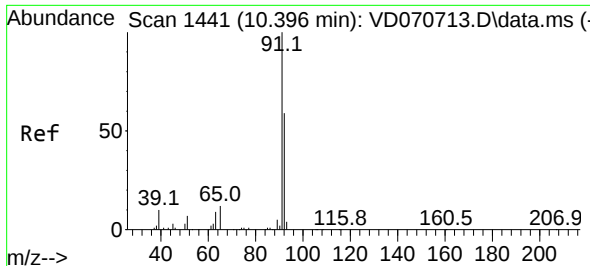
Tgt Ion: 98 Resp: 19244
Ion Ratio Lower Upper
98 100
100 58.4 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 143.444 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 43 Resp: 8879
Ion Ratio Lower Upper
43 100
58 38.6 35.0 52.6

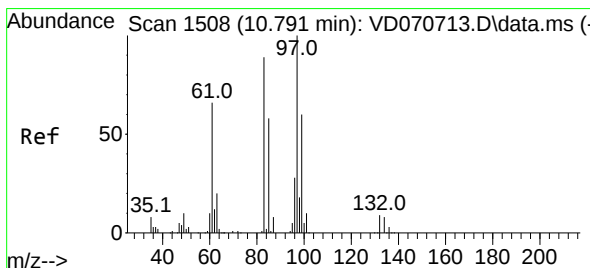
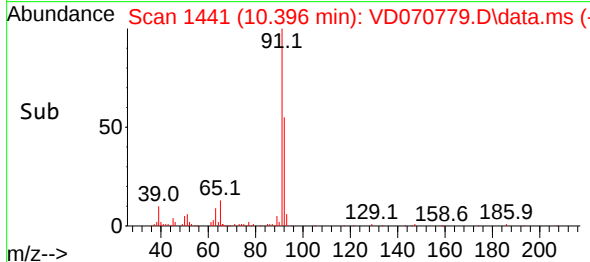
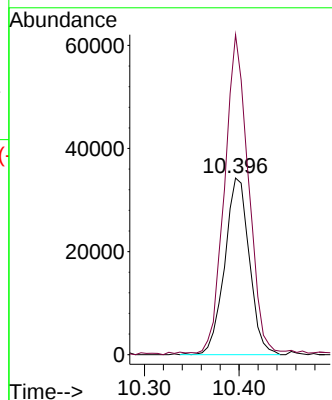
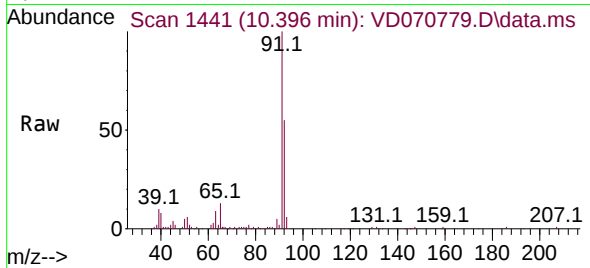




#52
Toluene
Concen: 243.143 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

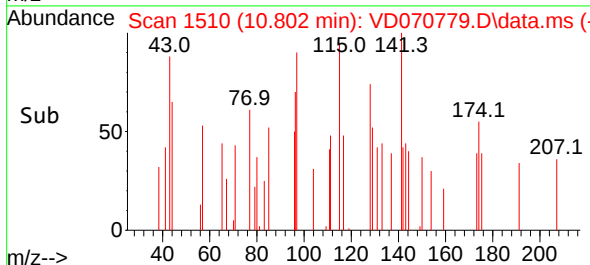
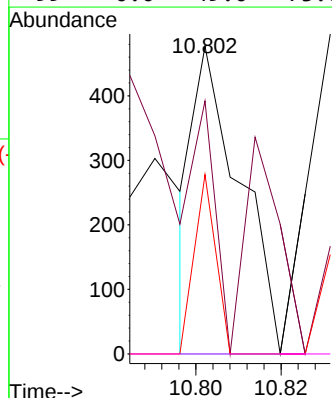
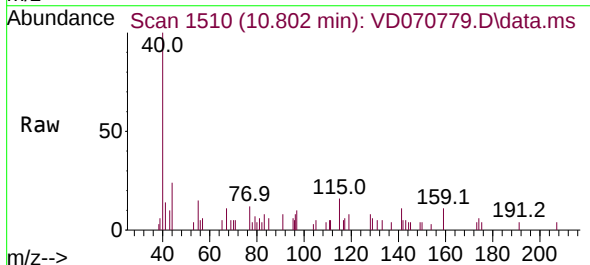
Instrument :
MSVOA_D
ClientSampled :
16943

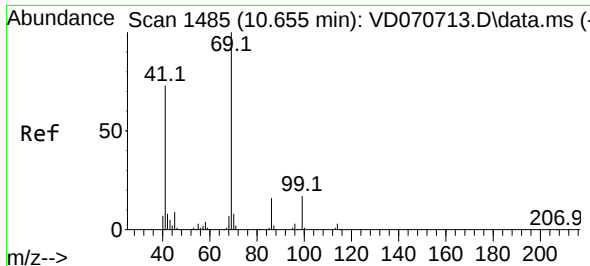
Tgt Ion: 92 Resp: 61951
Ion Ratio Lower Upper
92 100
91 173.9 136.3 204.5



#55
1,1,2-Trichloroethane
Concen: 4.760 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.012 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 97 Resp: 354
Ion Ratio Lower Upper
97 100
83 40.0 69.1 103.7#
85 58.3 43.0 64.6
99 0.0 49.0 73.6#

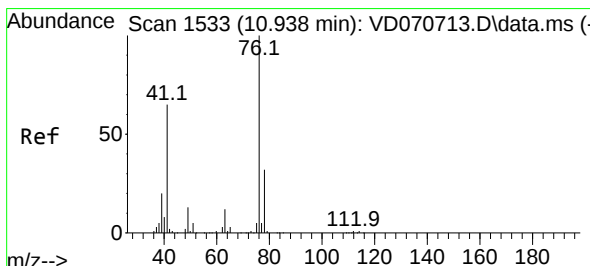
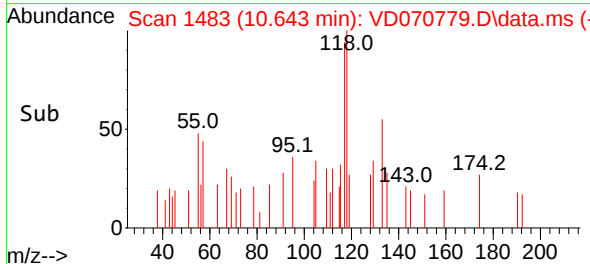
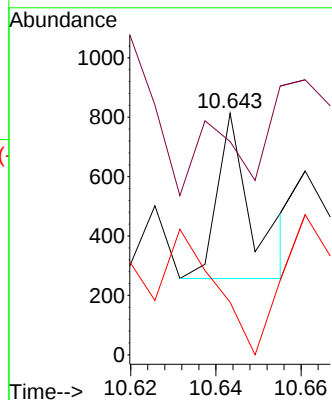
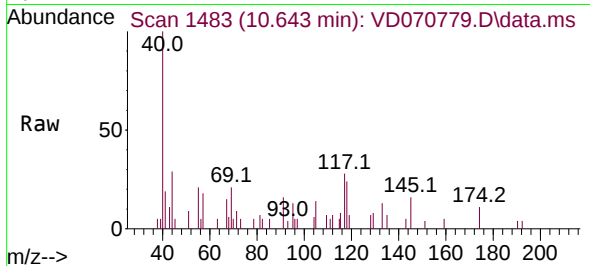




#56
Ethyl methacrylate
Concen: 7.074 ug/l
RT: 10.643 min Scan# 1483
Delta R.T. -0.012 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

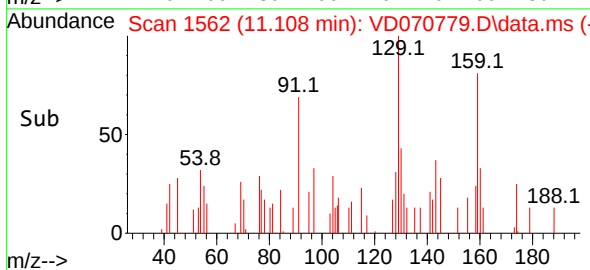
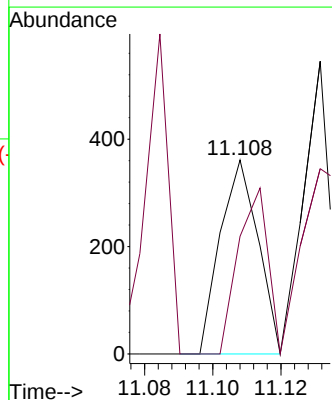
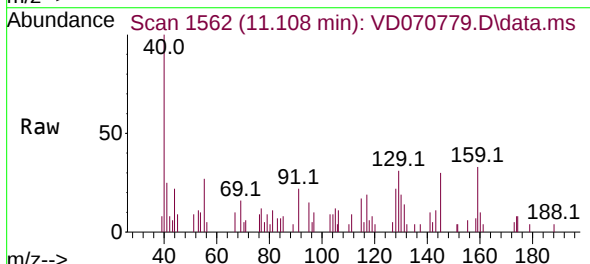
Instrument :
MSVOA_D
ClientSampled :
16943

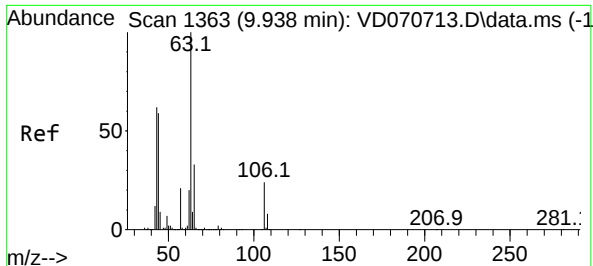
Tgt Ion: 69 Resp: 322
Ion Ratio Lower Upper
69 100
41 0.0 44.7 67.1#
39 0.0 19.5 29.3#



#57
1,3-Dichloropropane
Concen: 2.107 ug/l
RT: 11.108 min Scan# 1562
Delta R.T. 0.170 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 76 Resp: 278
Ion Ratio Lower Upper
76 100
78 66.9 25.3 37.9#

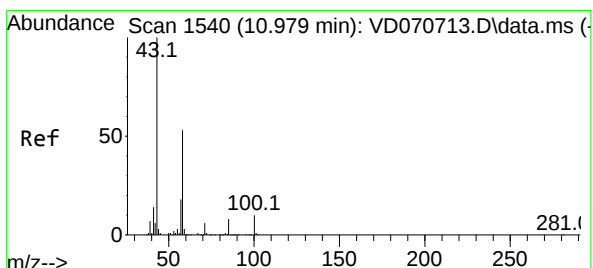
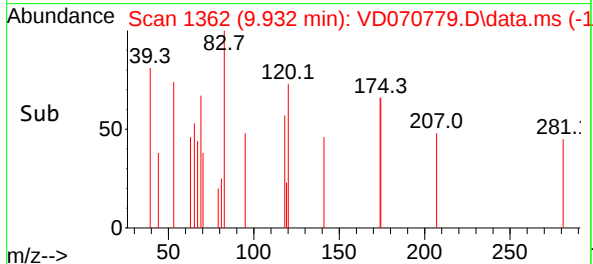
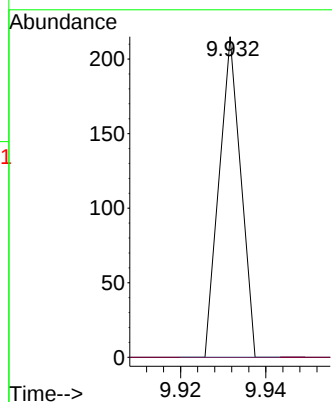
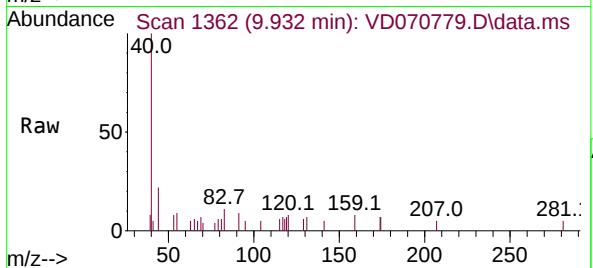




#58
2-Chloroethyl Vinyl ether
Concen: 1.940 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

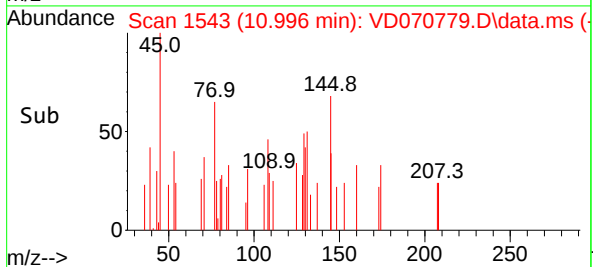
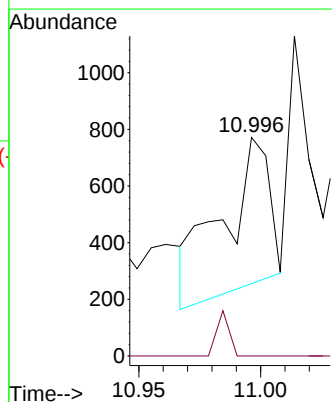
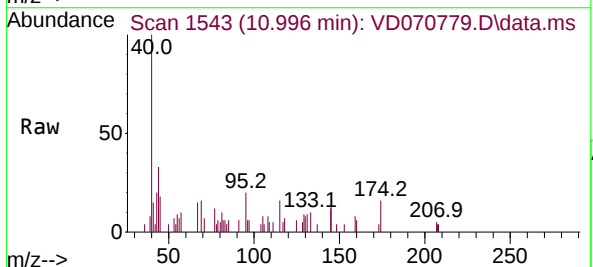
Instrument :
MSVOA_D
ClientSampleId :
16943

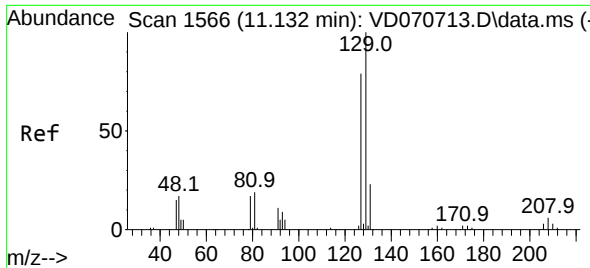
Tgt Ion: 63 Resp: 76
Ion Ratio Lower Upper
63 100
106 0.0 22.3 33.5#



#59
2-Hexanone
Concen: 16.113 ug/l
RT: 10.996 min Scan# 1543
Delta R.T. 0.017 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 43 Resp: 702
Ion Ratio Lower Upper
43 100
58 8.0 30.4 91.3#

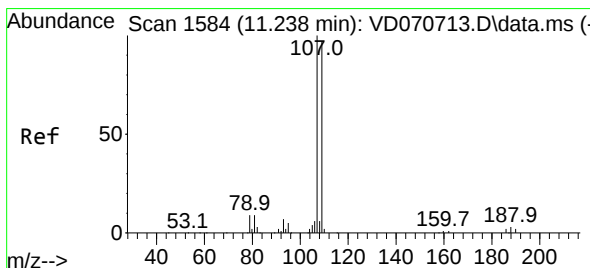
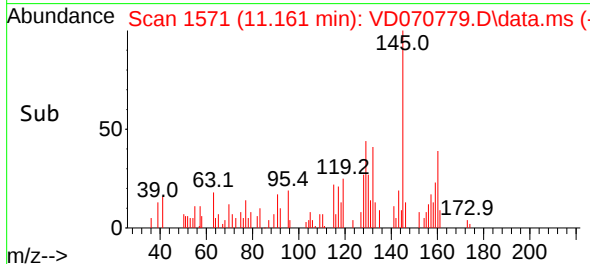
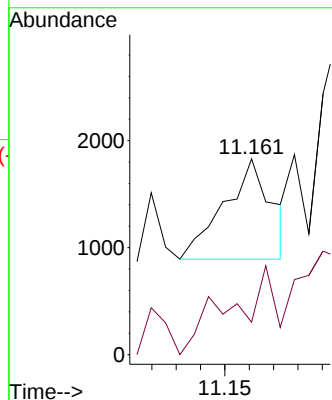
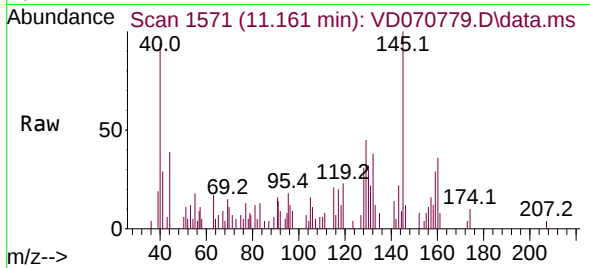




#60
Dibromochloromethane
Concen: 14.731 ug/l
RT: 11.161 min Scan# 1571
Delta R.T. 0.029 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

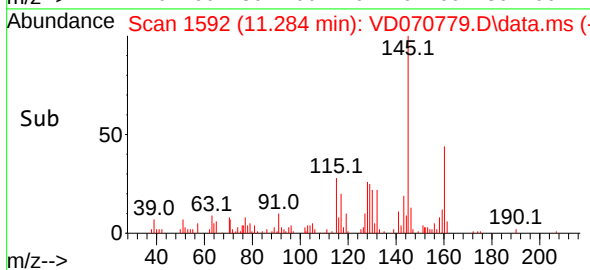
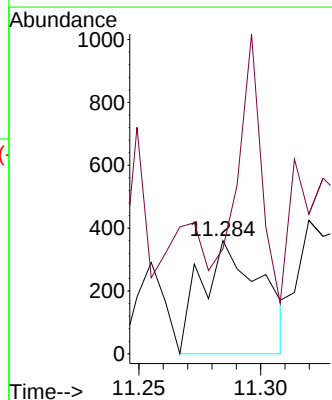
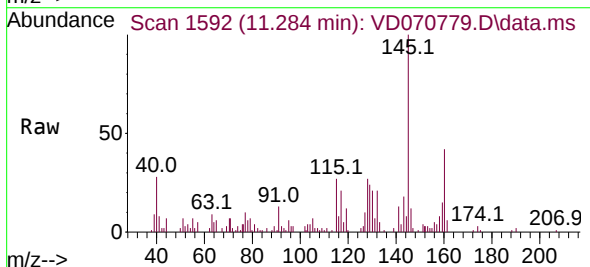
Instrument :
MSVOA_D
ClientSampleId :
16943

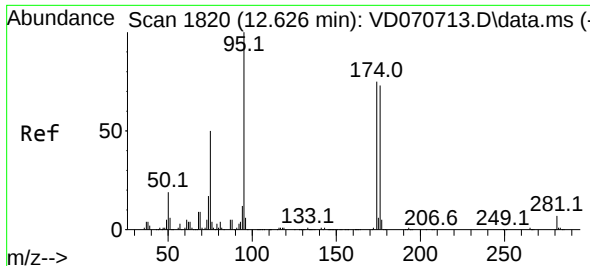
Tgt Ion:129 Resp: 1259
Ion Ratio Lower Upper
129 100
127 83.4 38.6 115.8



#61
1,2-Dibromoethane
Concen: 9.039 ug/l
RT: 11.284 min Scan# 1592
Delta R.T. 0.047 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion:107 Resp: 615
Ion Ratio Lower Upper
107 100
109 111.7 75.0 112.6

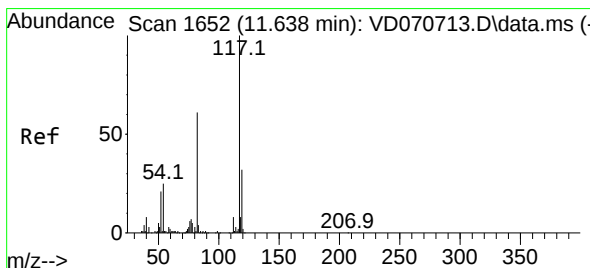
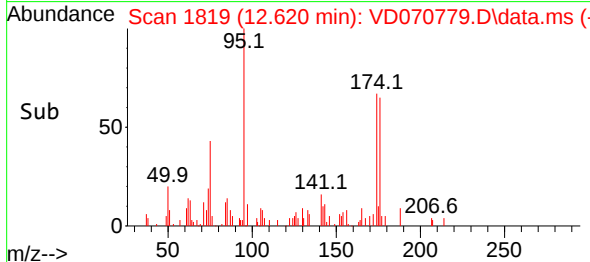
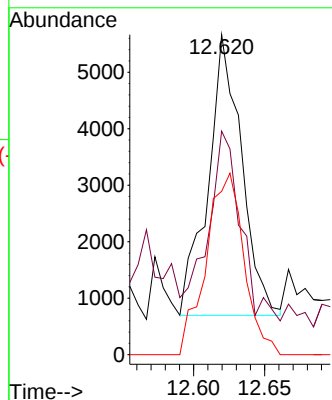
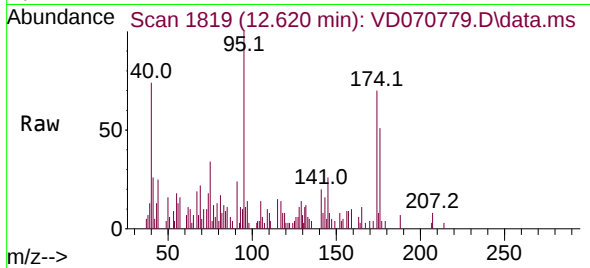




#62
4-Bromofluorobenzene
Concen: 72.577 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

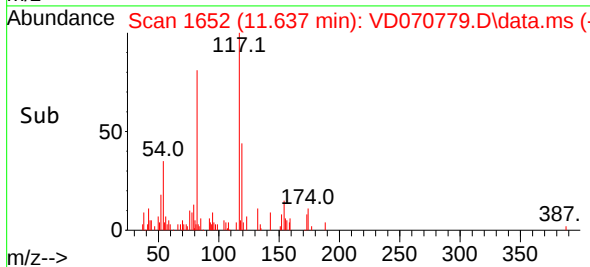
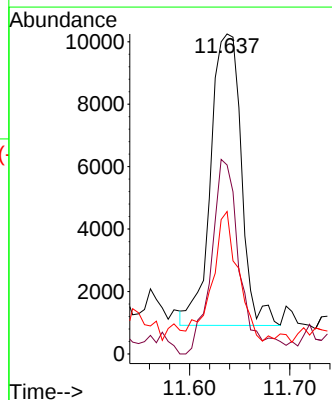
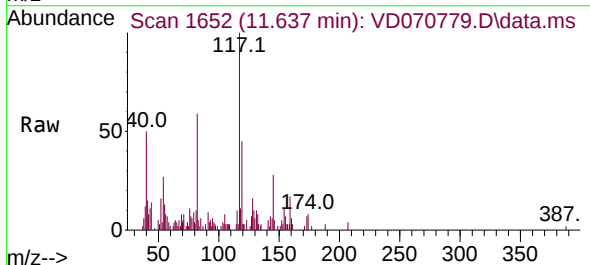
Instrument :
MSVOA_D
ClientSampleId :
16943

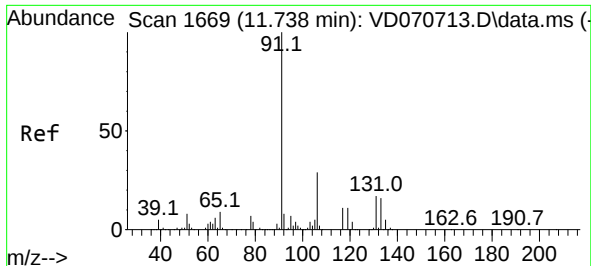
Tgt Ion: 95 Resp: 8182
Ion Ratio Lower Upper
95 100
174 65.5 0.0 138.0
176 72.8 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 117 Resp: 19765
Ion Ratio Lower Upper
117 100
82 64.8 45.4 68.2
119 42.0 24.7 37.1#

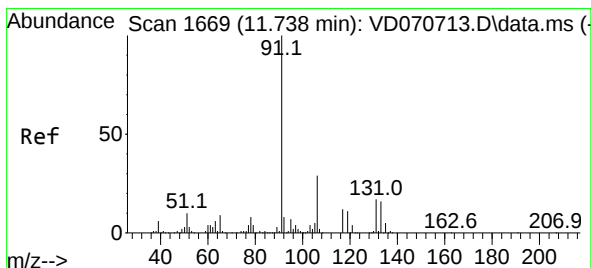
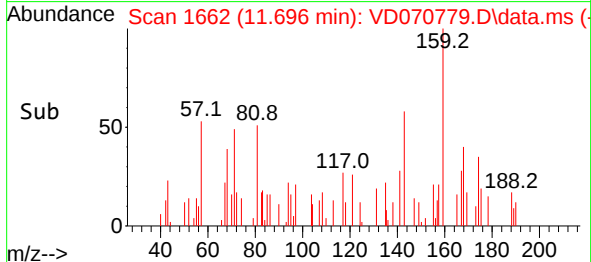
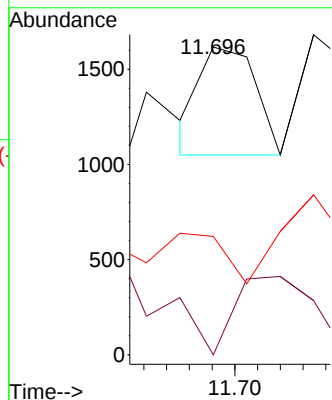
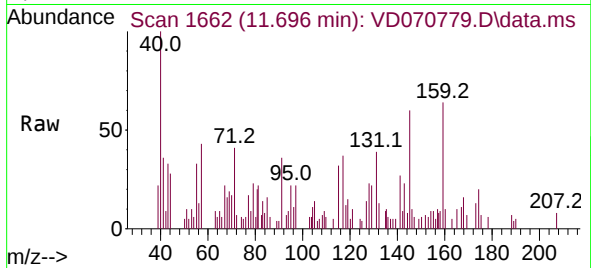




#66
1,1,1,2-Tetrachloroethane
Concen: 2.547 ug/l
RT: 11.696 min Scan# 1662
Delta R.T. -0.041 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

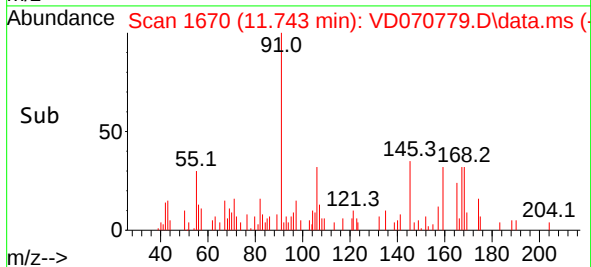
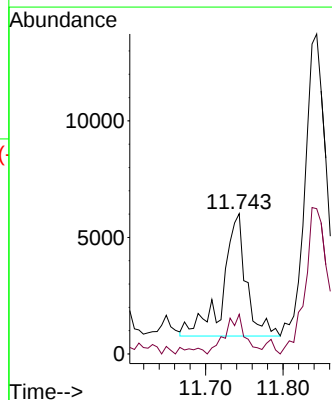
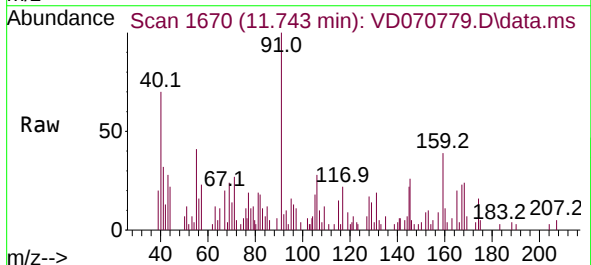
Instrument :
MSVOA_D
ClientSampleId :
16943

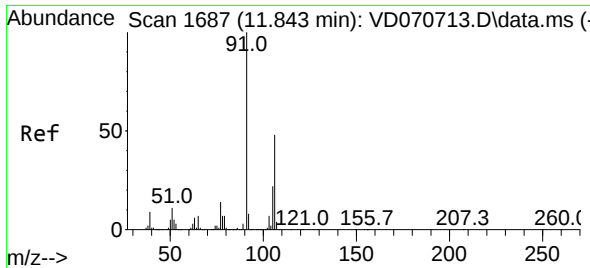
Tgt Ion:131 Resp: 382
Ion Ratio Lower Upper
131 100
133 101.3 46.8 140.3
119 93.5 32.6 97.7



#67
Ethyl Benzene
Concen: 14.705 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 91 Resp: 10899
Ion Ratio Lower Upper
91 100
106 32.5 24.2 36.2

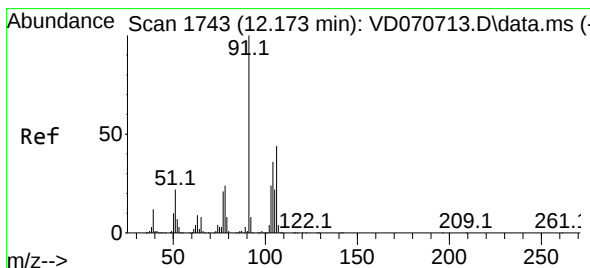
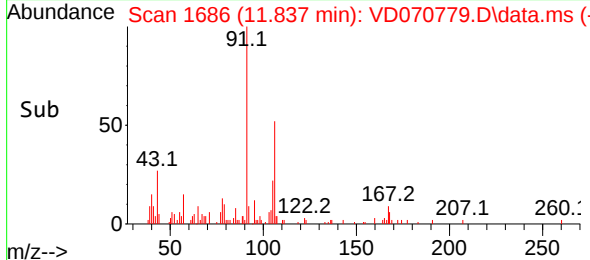
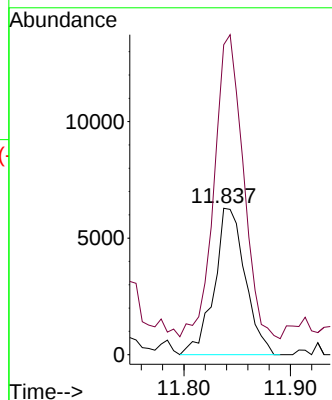
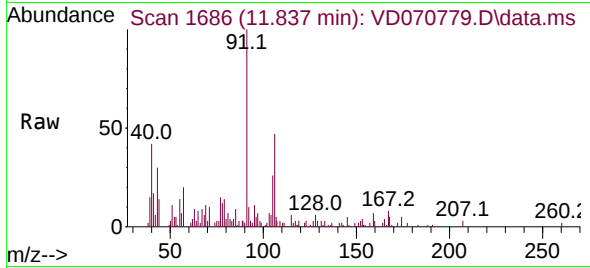




#68
m/p-Xylenes
Concen: 45.120 ug/l
RT: 11.837 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

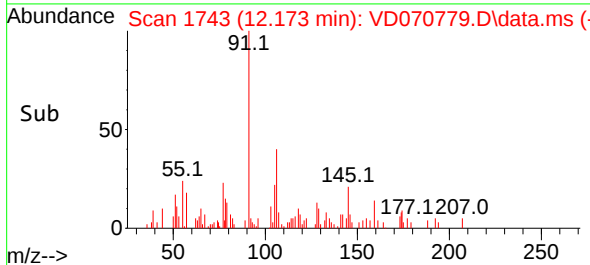
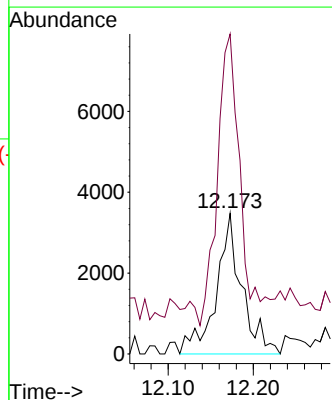
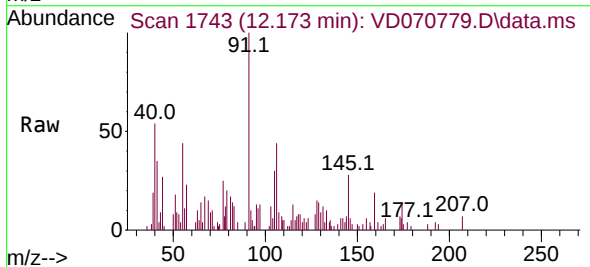
Instrument :
MSVOA_D
ClientSampleId :
16943

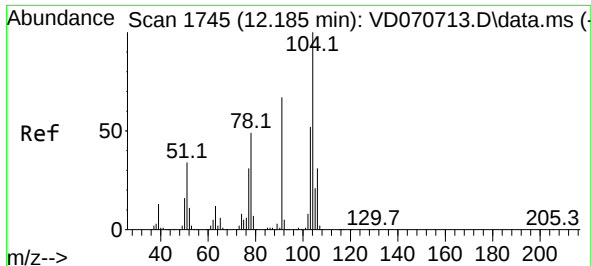
Tgt Ion:106 Resp: 12669
Ion Ratio Lower Upper
106 100
91 194.8 162.7 244.1



#69
o-Xylene
Concen: 28.353 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion:106 Resp: 7222
Ion Ratio Lower Upper
106 100
91 187.2 107.8 323.6

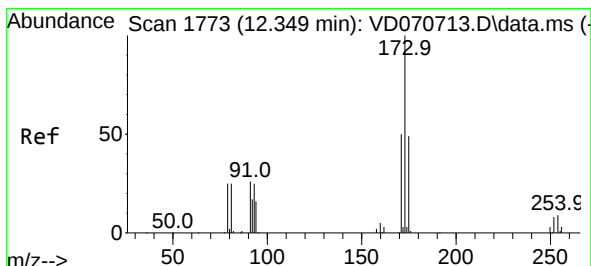
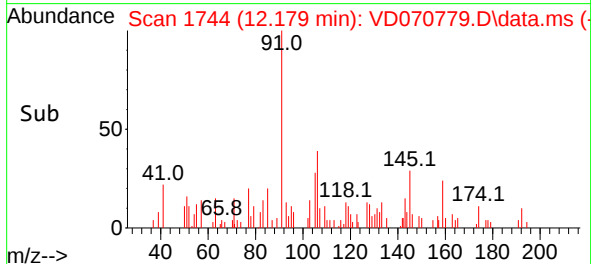
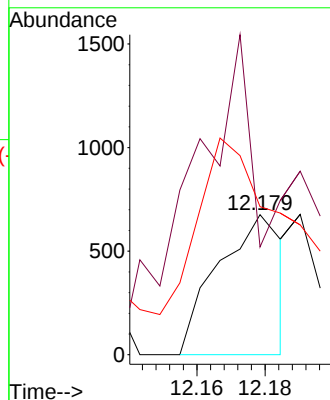
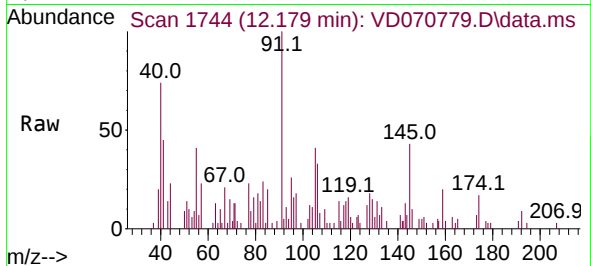




#70
Styrene
Concen: 2.010 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

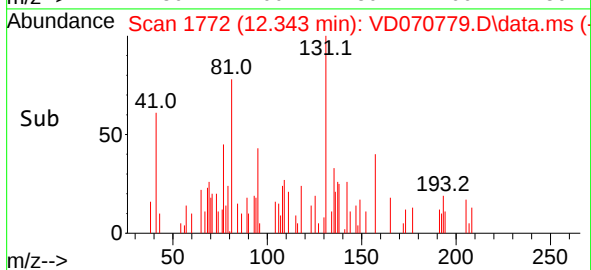
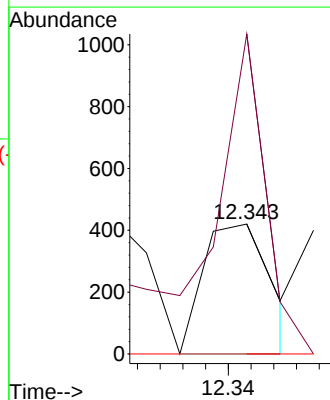
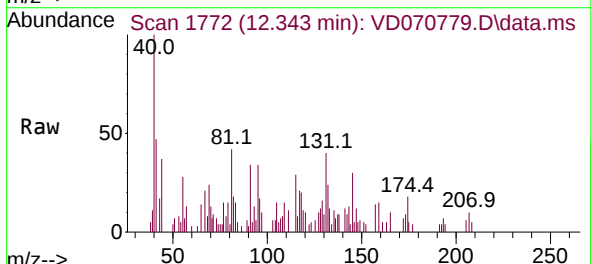
Instrument :
MSVOA_D
ClientSampleId :
16943

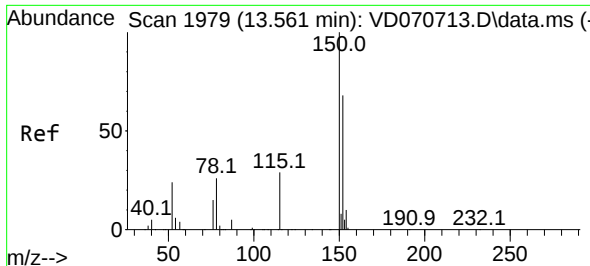
Tgt Ion:104 Resp: 890
Ion Ratio Lower Upper
104 100
78 251.7 39.8 59.6#
103 296.5 43.4 65.2#



#71
Bromoform
Concen: 4.481 ug/l
RT: 12.343 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion:173 Resp: 349
Ion Ratio Lower Upper
173 100
175 156.7 24.4 73.4#
254 0.0 0.0 0.0

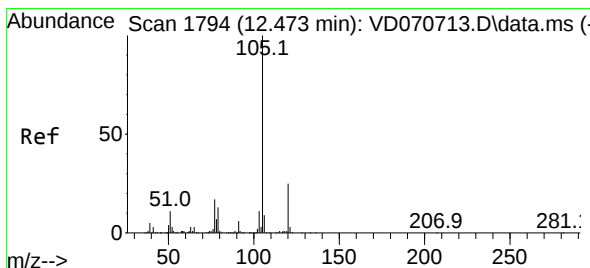
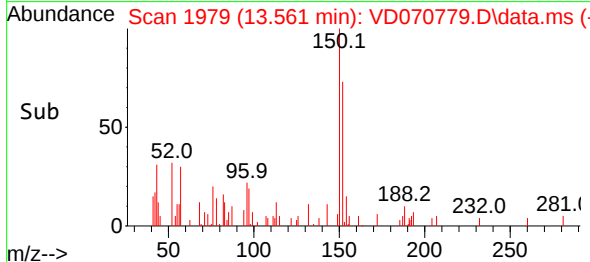
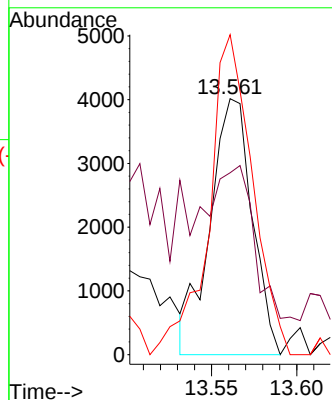
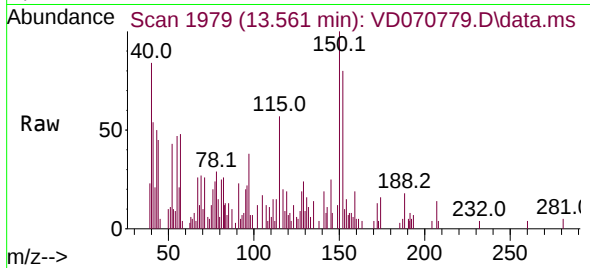




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

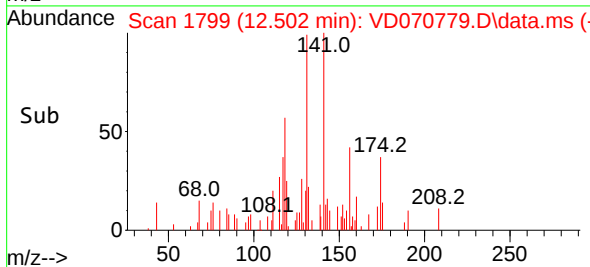
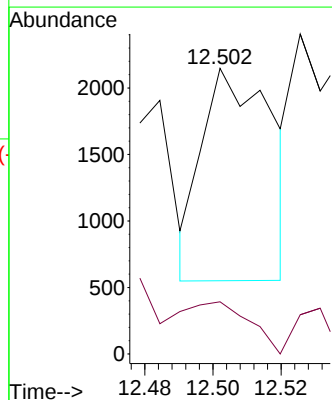
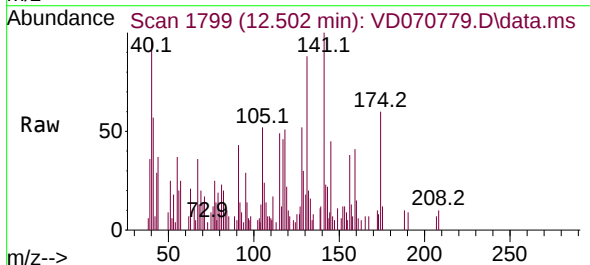
Instrument :
MSVOA_D
ClientSampleId :
16943

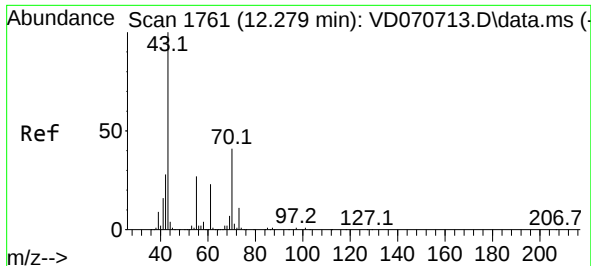
Tgt Ion:152 Resp: 6907
Ion Ratio Lower Upper
152 100
115 50.5 31.9 95.7
150 129.0 0.0 350.0



#73
Isopropylbenzene
Concen: 4.619 ug/l
RT: 12.502 min Scan# 1799
Delta R.T. 0.029 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion:105 Resp: 2273
Ion Ratio Lower Upper
105 100
120 19.4 12.8 38.3

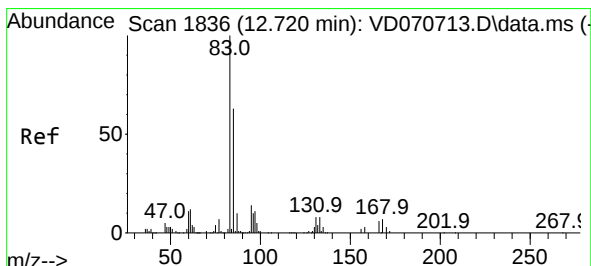
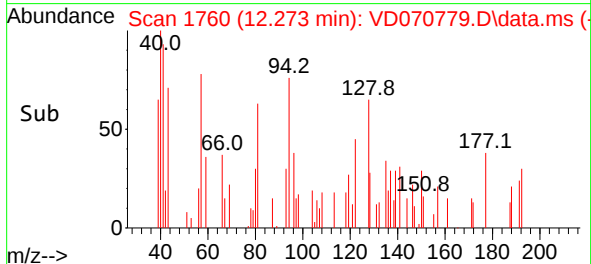
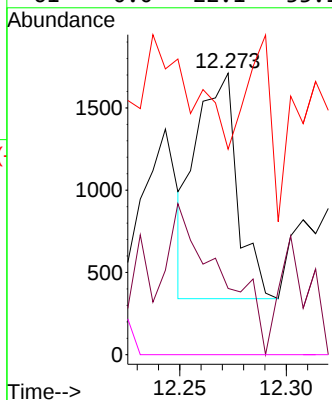
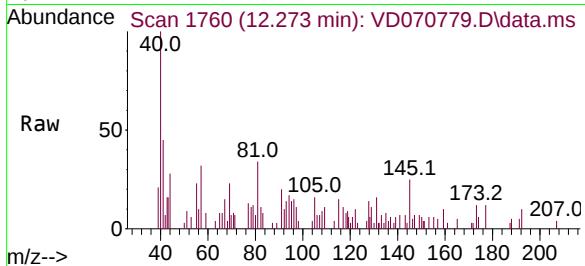




#74
N-amy1 acetate
Concen: 14.455 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

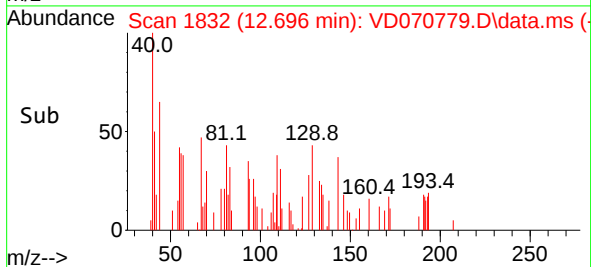
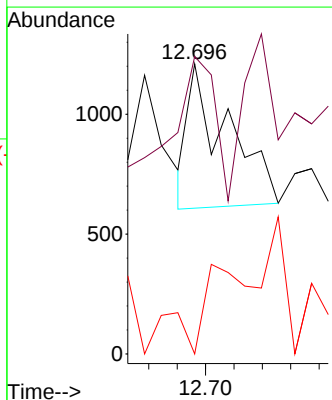
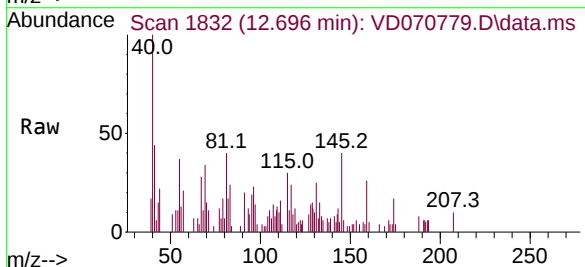
Instrument :
MSVOA_D
ClientSampleId :
16943

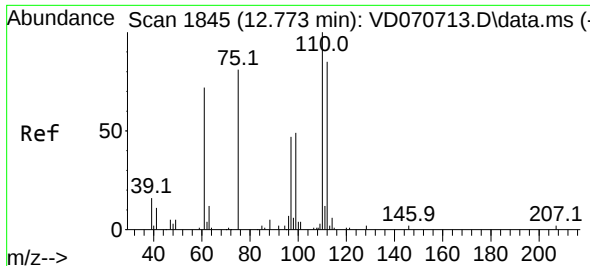
Tgt Ion:	43	Resp:	1852
Ion	Ratio	Lower	Upper
43	100		
70	0.0	40.0	60.0#
55	0.0	23.8	35.6#
61	0.0	22.1	33.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 6.030 ug/l
RT: 12.696 min Scan# 1832
Delta R.T. -0.024 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion:	83	Resp:	587
Ion	Ratio	Lower	Upper
83	100		
131	126.9	4.9	14.7#
85	28.8	31.9	95.7#

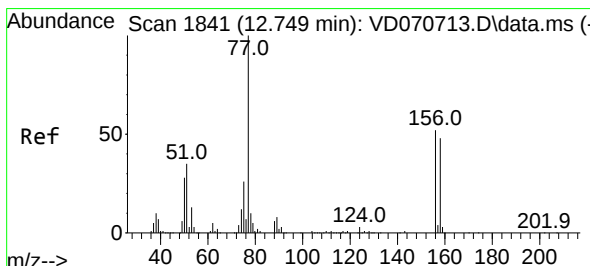
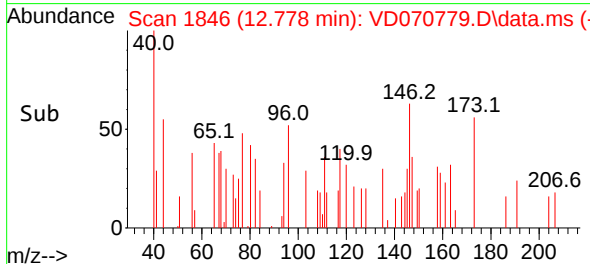
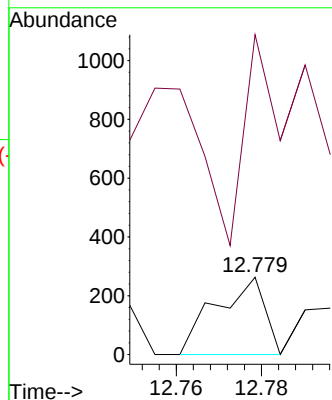
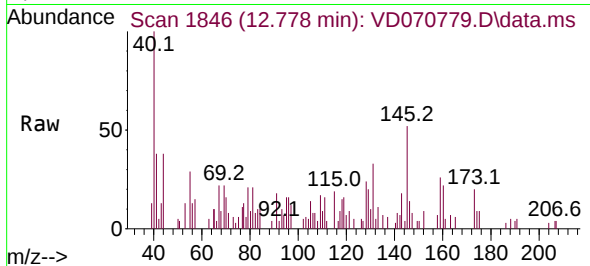




#76
1,2,3-Trichloropropane
Concen: 3.536 ug/l
RT: 12.778 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

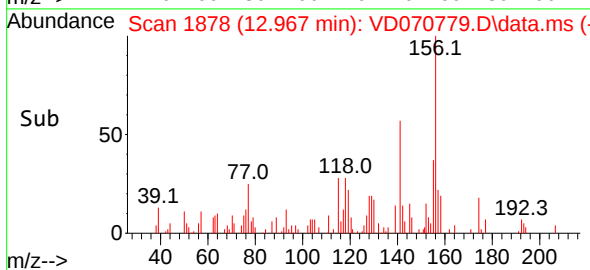
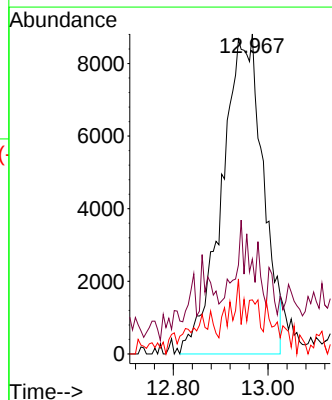
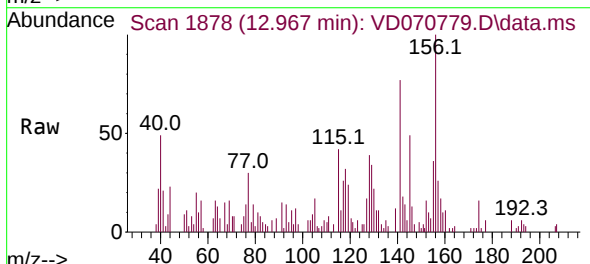
Instrument :
MSVOA_D
ClientSampleId :
16943

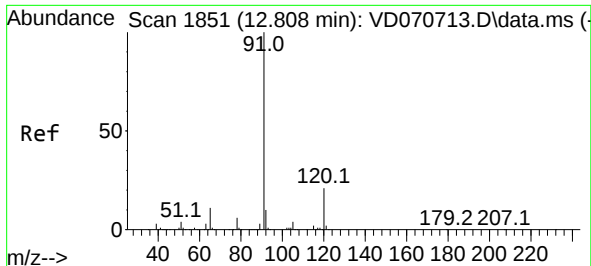
Tgt Ion: 75 Resp: 211
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 472.394 ug/l
RT: 12.967 min Scan# 1878
Delta R.T. 0.217 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 156 Resp: 52633
Ion Ratio Lower Upper
156 100
77 0.0 105.7 317.1#
158 3.3 48.9 146.6#

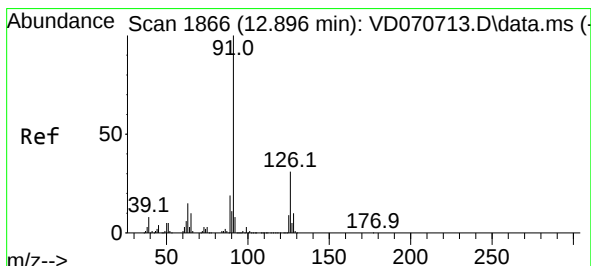
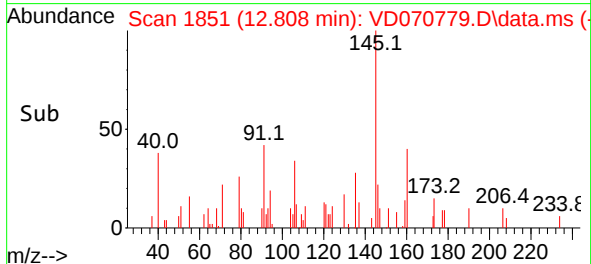
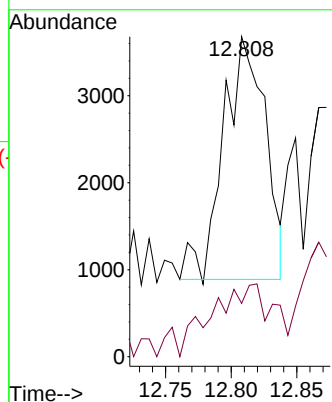
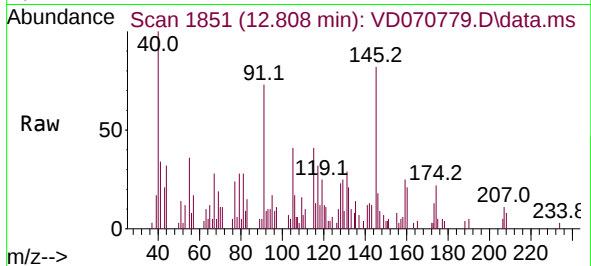




#78
n-propylbenzene
Concen: 9.783 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

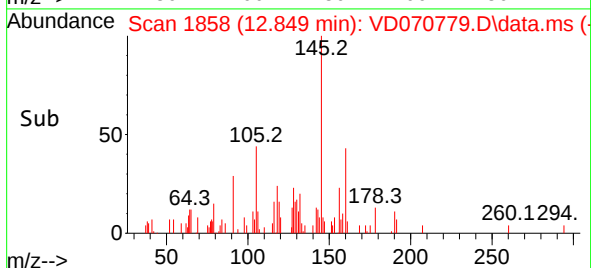
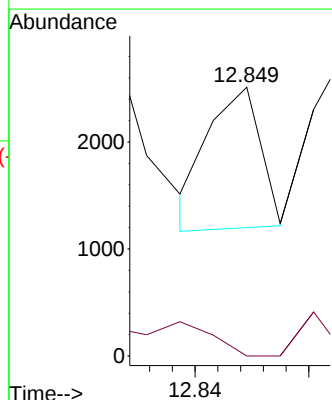
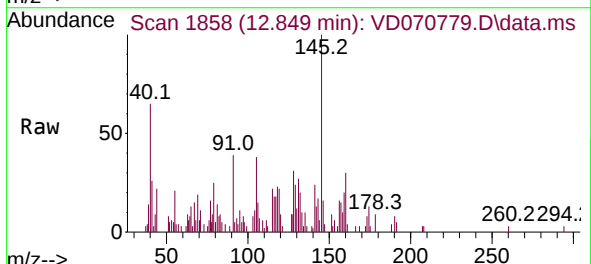
Instrument :
MSVOA_D
ClientSampled :
16943

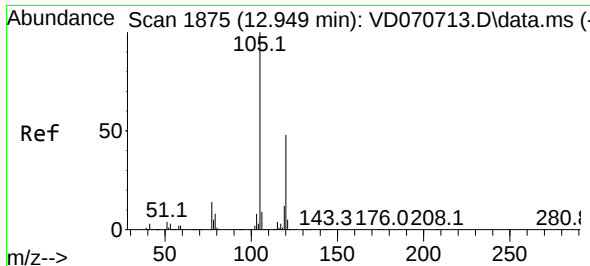
Tgt Ion: 91 Resp: 6258
Ion Ratio Lower Upper
91 100
120 43.2 10.9 32.6#



#79
2-Chlorotoluene
Concen: 2.269 ug/l
RT: 12.849 min Scan# 1858
Delta R.T. -0.047 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 91 Resp: 839
Ion Ratio Lower Upper
91 100
126 17.3 16.2 48.6

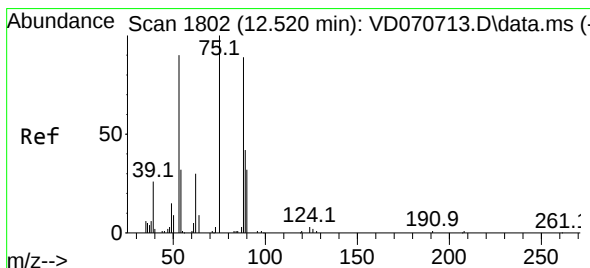
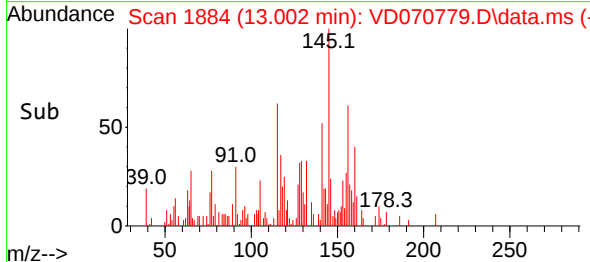
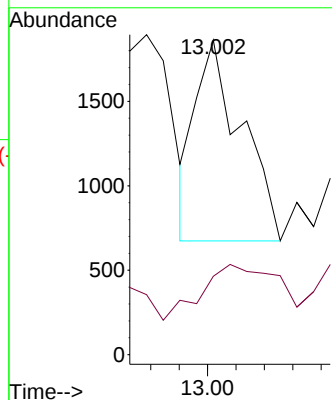
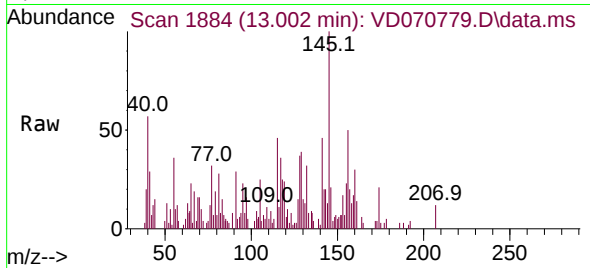




#80
1,3,5-Trimethylbenzene
Concen: 3.228 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.053 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

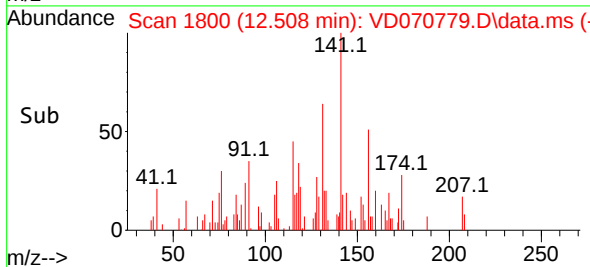
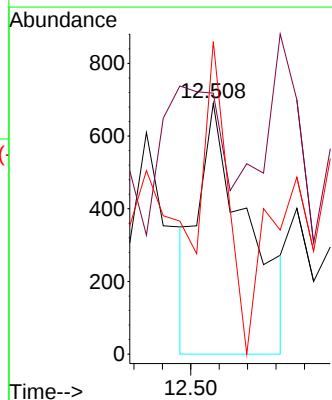
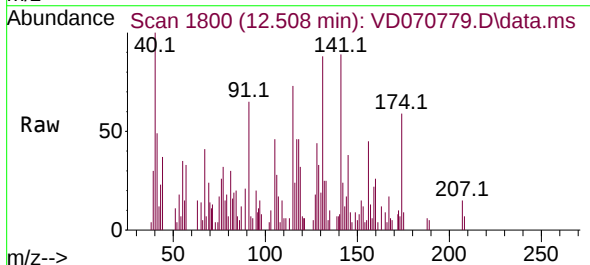
Instrument :
MSVOA_D
ClientSampled :
16943

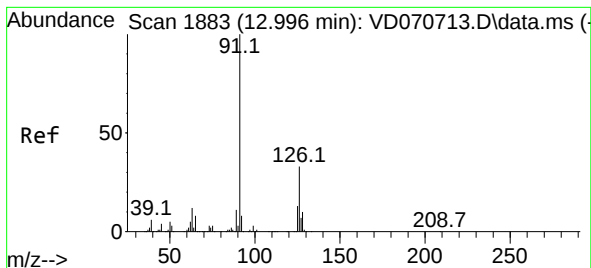
Tgt Ion:105 Resp: 1343
Ion Ratio Lower Upper
105 100
120 50.0 24.4 73.2



#81
trans-1,4-Dichloro-2-butene
Concen: 30.502 ug/l
RT: 12.508 min Scan# 1800
Delta R.T. -0.012 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 75 Resp: 831
Ion Ratio Lower Upper
75 100
53 75.1 64.5 96.7
89 53.5 35.3 52.9#

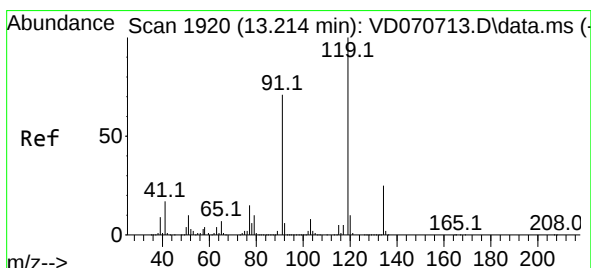
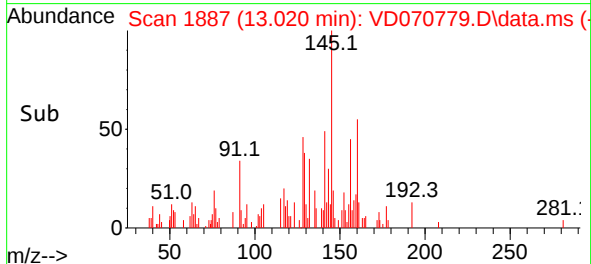
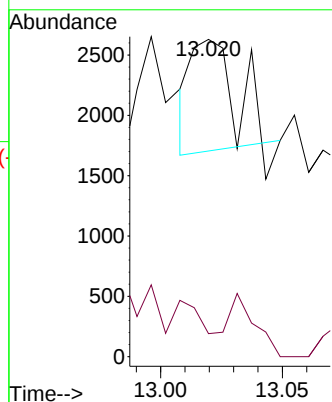
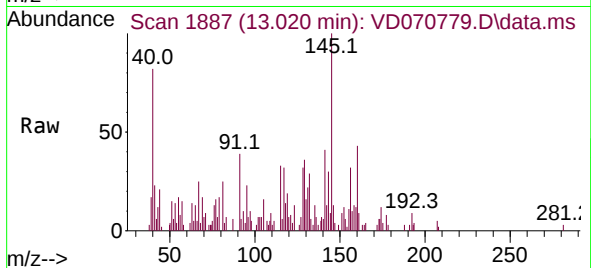




#82
4-Chlorotoluene
Concen: 2.859 ug/l
RT: 13.020 min Scan# 1887
Delta R.T. 0.023 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

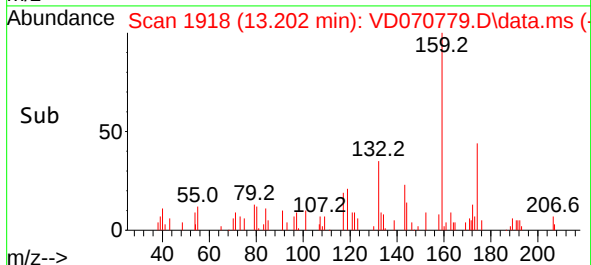
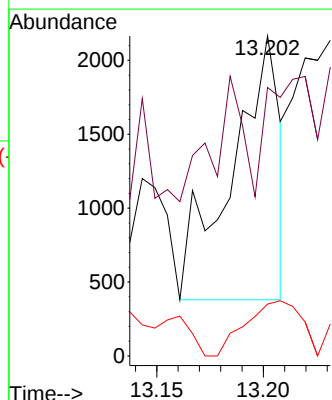
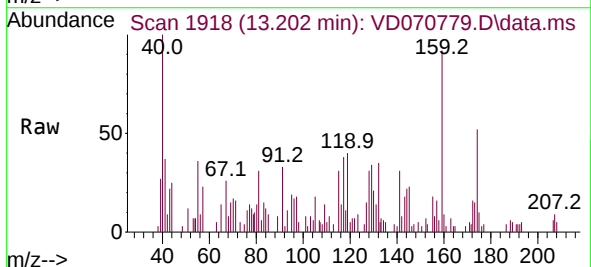
Instrument :
MSVOA_D
ClientSampled :
16943

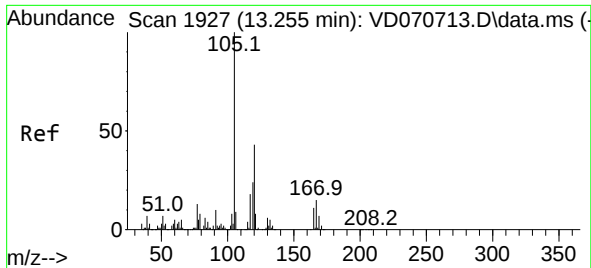
Tgt Ion: 91 Resp: 1118
Ion Ratio Lower Upper
91 100
126 38.1 16.2 48.6



#83
tert-Butylbenzene
Concen: 8.150 ug/l
RT: 13.202 min Scan# 1918
Delta R.T. -0.012 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 119 Resp: 2802
Ion Ratio Lower Upper
119 100
91 42.9 33.1 99.3
134 24.0 13.2 39.5

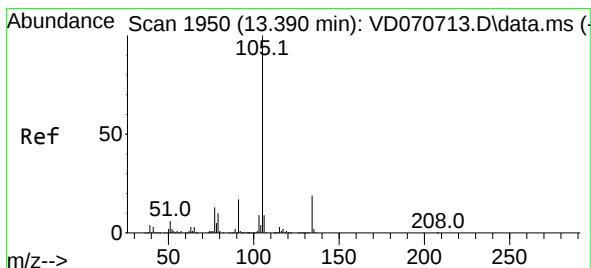
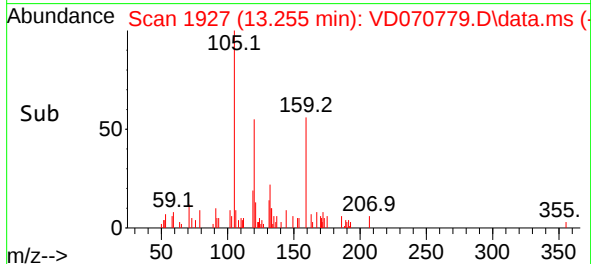
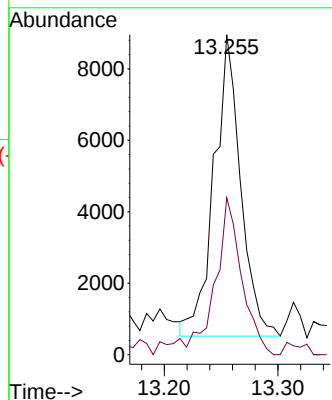
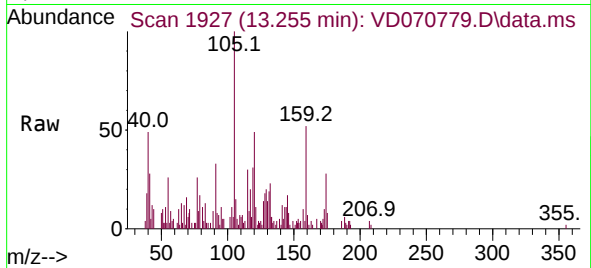




#84
1,2,4-Trimethylbenzene
Concen: 33.194 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

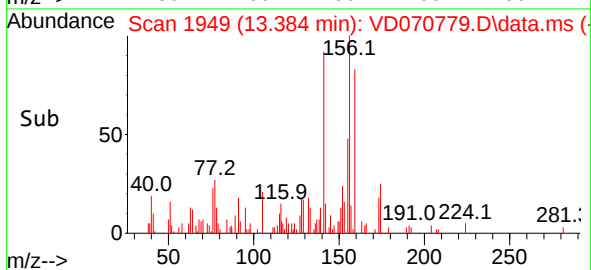
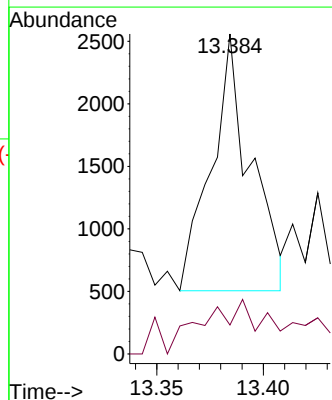
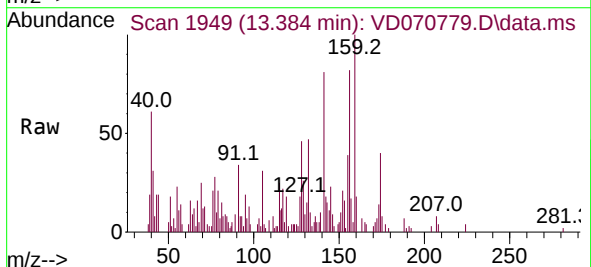
Instrument :
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ClientSampleId :
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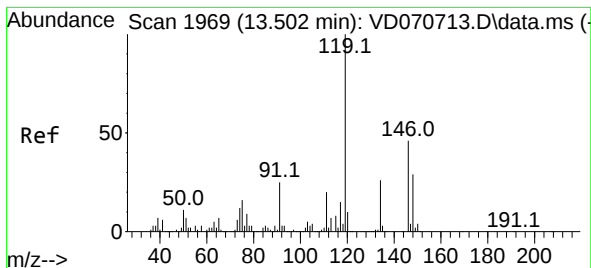
Tgt Ion:105 Resp: 13731
Ion Ratio Lower Upper
105 100
120 54.9 21.9 65.8



#85
sec-Butylbenzene
Concen: 4.888 ug/l
RT: 13.384 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion:105 Resp: 2641
Ion Ratio Lower Upper
105 100
134 17.5 9.3 28.0

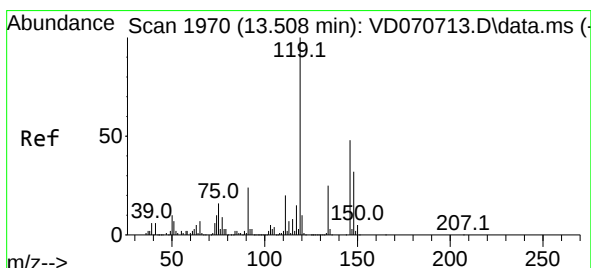
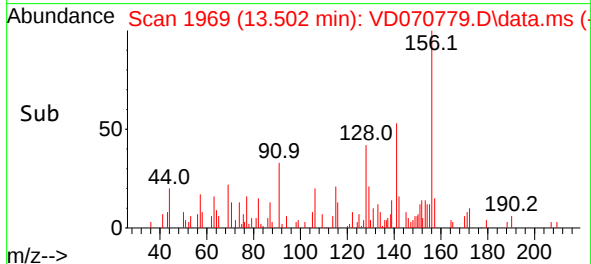
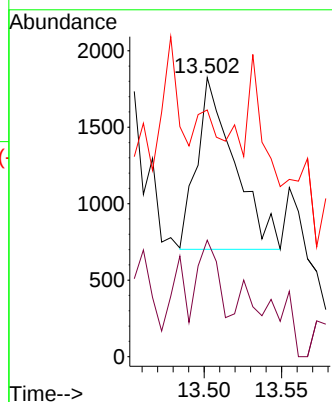
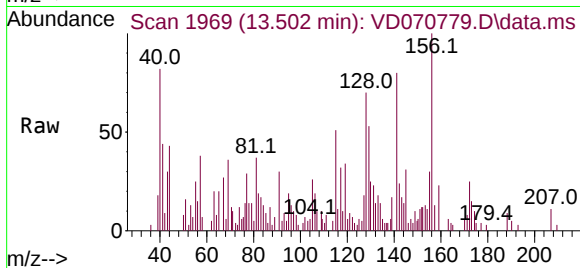




#86
p-Isopropyltoluene
Concen: 4.344 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

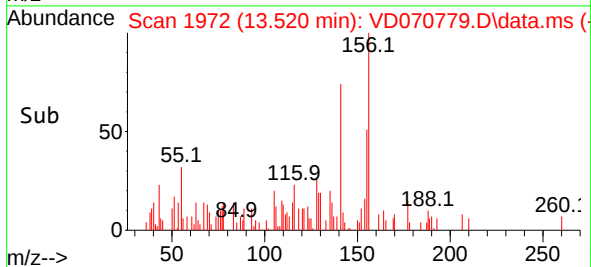
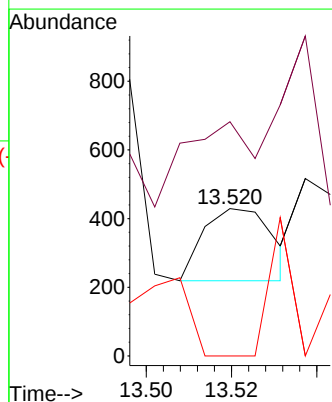
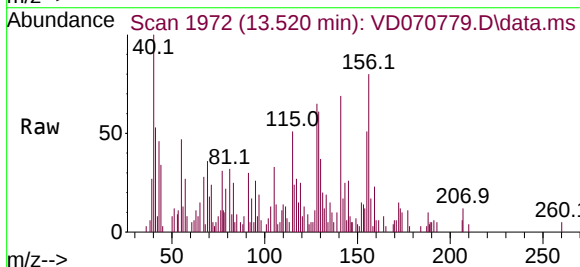
Instrument :
MSVOA_D
ClientSampled :
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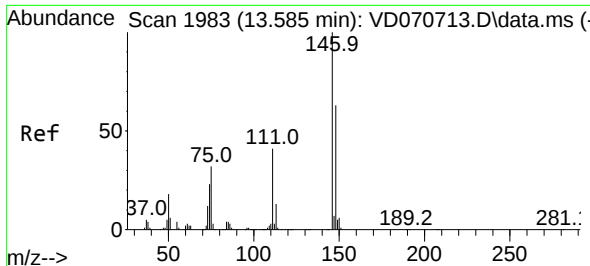
Tgt Ion:119 Resp: 1887
Ion Ratio Lower Upper
119 100
134 26.0 12.5 37.5
91 0.0 11.9 35.5#



#87
1,3-Dichlorobenzene
Concen: 1.009 ug/l
RT: 13.520 min Scan# 1972
Delta R.T. 0.012 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion:146 Resp: 236
Ion Ratio Lower Upper
146 100
111 0.0 21.4 64.2#
148 87.7 31.8 95.3

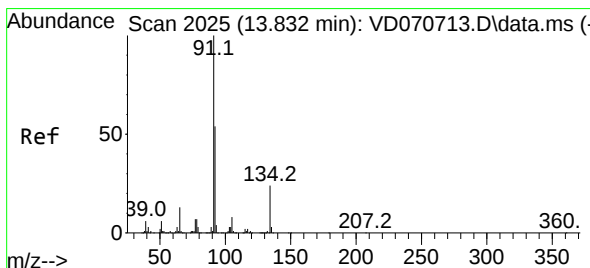
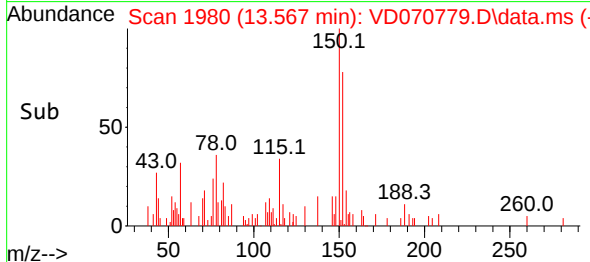
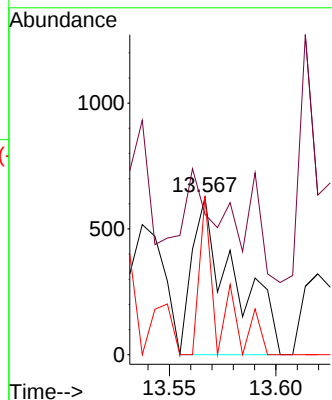
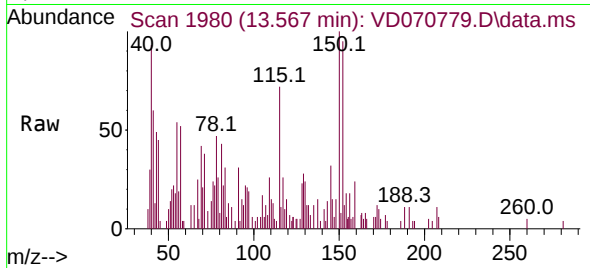




#88
1,4-Dichlorobenzene
Concen: 3.701 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.018 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

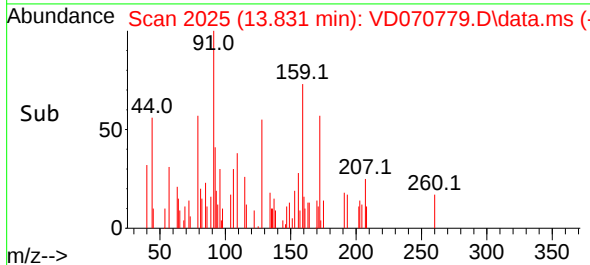
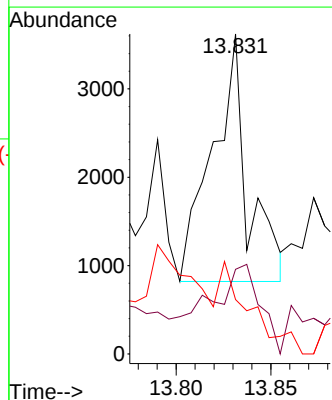
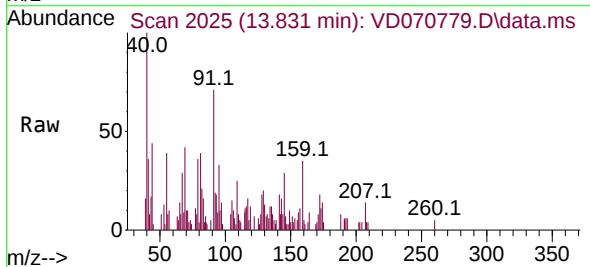
Instrument :
MSVOA_D
ClientSampleId :
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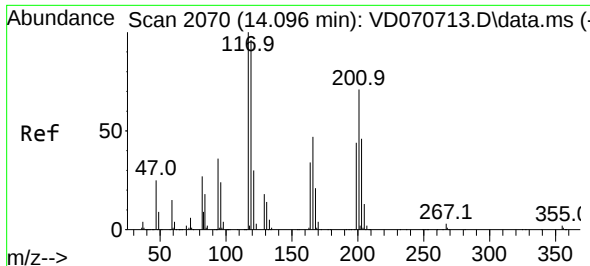
Tgt Ion:146 Resp: 855
Ion Ratio Lower Upper
146 100
111 17.3 21.1 63.4#
148 45.0 31.6 94.8



#89
n-Butylbenzene
Concen: 8.234 ug/l
RT: 13.831 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion: 91 Resp: 3610
Ion Ratio Lower Upper
91 100
92 51.5 26.8 80.4
134 0.0 12.2 36.4#

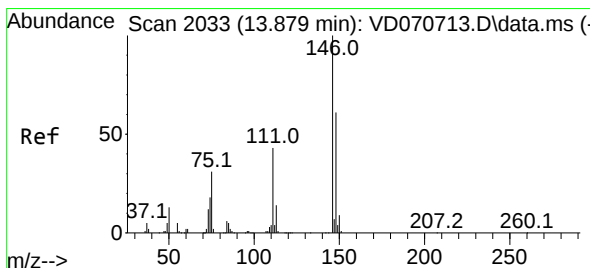
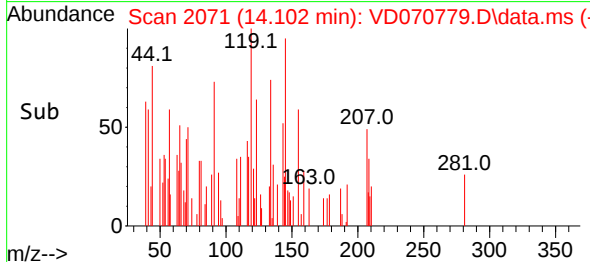
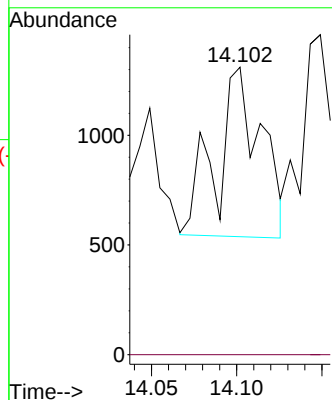
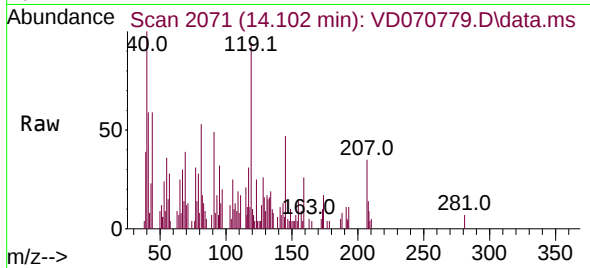




#90
Hexachloroethane
Concen: 14.946 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

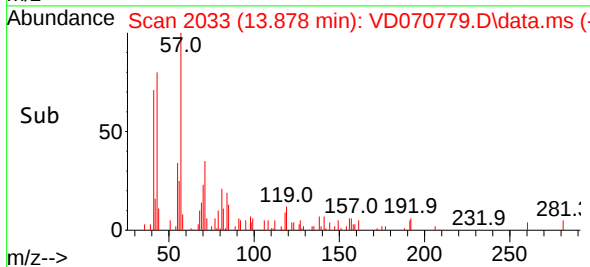
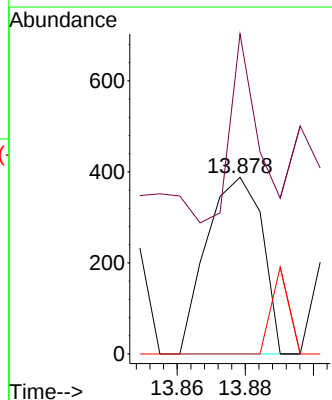
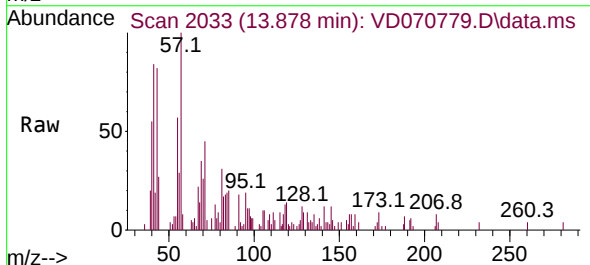
Instrument :
MSVOA_D
ClientSampleId :
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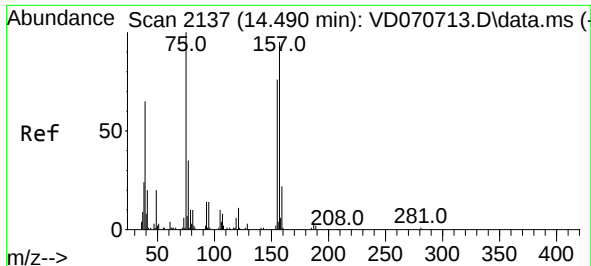
Tgt Ion:117 Resp: 1401
Ion Ratio Lower Upper
117 100
201 0.0 31.9 95.9#



#91
1,2-Dichlorobenzene
Concen: 2.205 ug/l
RT: 13.878 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion:146 Resp: 441
Ion Ratio Lower Upper
146 100
111 59.4 22.8 68.4
148 15.2 32.4 97.0#

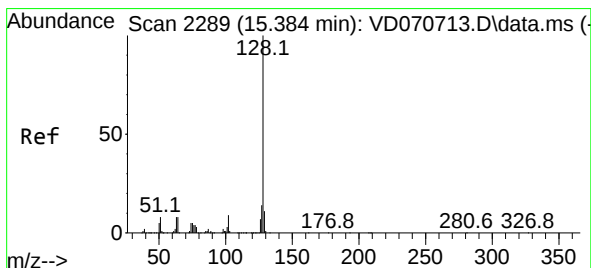
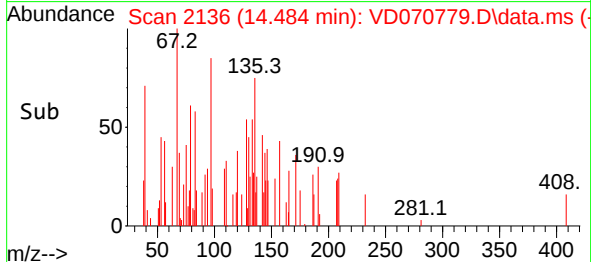
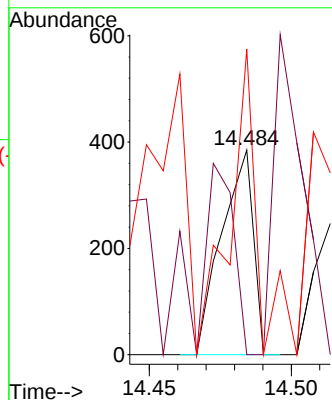
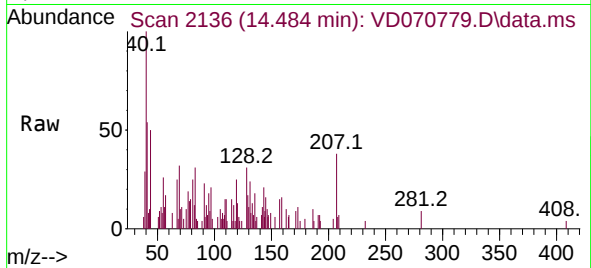




#92
1,2-Dibromo-3-Chloropropane
Concen: 19.192 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Instrument :
MSVOA_D
ClientSampleId :
16943

Tgt Ion: 75 Resp: 298
Ion Ratio Lower Upper
75 100
155 144.0 38.1 114.5#
157 131.2 47.6 142.9



#95
Naphthalene
Concen: 15.023 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD070779.D
Acq: 20 Oct 2021 16:48

Tgt Ion:128 Resp: 2530
Ion Ratio Lower Upper
128 100
127 13.0 10.9 16.3
129 0.0 8.6 12.8#

