

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069350.D
 Acq On : 04 Jun 2021 17:16
 Operator : VA/SY
 Sample : M2598-01
 Misc : 5.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 23

Quant Time: Jun 05 00:36:36 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)

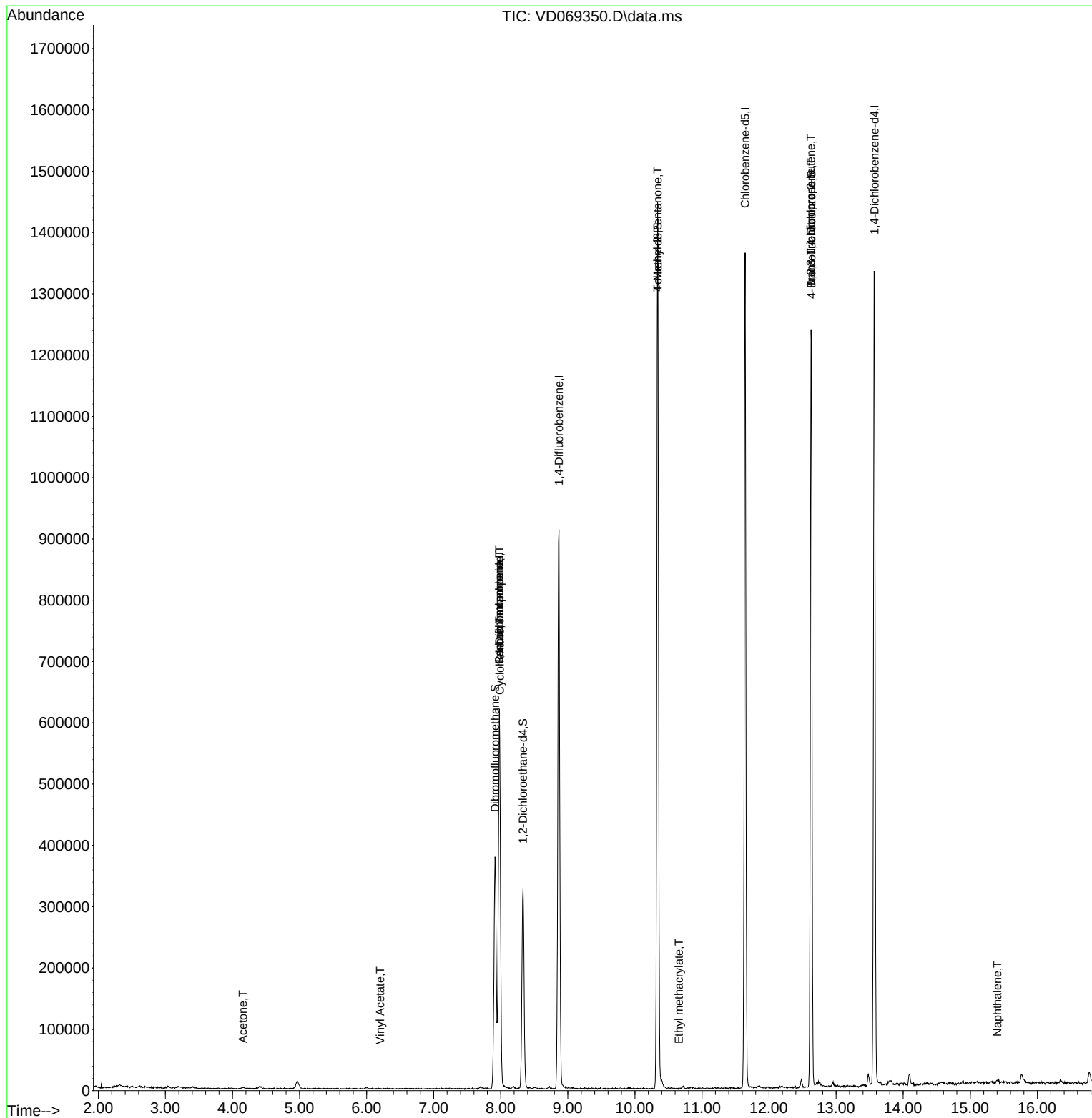
Internal Standards						
1) Pentafluorobenzene	7.979	168	449173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	810881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	818579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	377965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	263037	61.031	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 122.060%		
35) Dibromofluoromethane	7.914	113	273952	53.799	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 107.600%		
50) Toluene-d8	10.338	98	1012182	54.663	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 109.320%		
62) 4-Bromofluorobenzene	12.632	95	349798	57.651	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 115.300%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.214	59	168	Below Cal	#	73
16) Acetone	4.156	43	1585	2.107	ug/l #	72
20) Methylene Chloride	4.967	84	9881	Below Cal		93
23) Vinyl Acetate	6.203	43	55	11.620	ug/l #	67
31) Cyclohexane	7.985	56	9957	1.454	ug/l #	12
36) 1,1-Dichloropropene	7.979	75	34008	4.315	ug/l #	48
38) Carbon Tetrachloride	7.979	117	44536	5.233	ug/l #	14
51) 4-Methyl-2-Pentanone	10.338	43	3714	1.476	ug/l #	1
56) Ethyl methacrylate	10.655	69	72	2.652	ug/l #	43
76) 1,2,3-Trichloropropane	12.626	75	177960	54.192	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	177960	120.090	ug/l #	18
95) Naphthalene	15.402	128	956	3.371	ug/l #	65

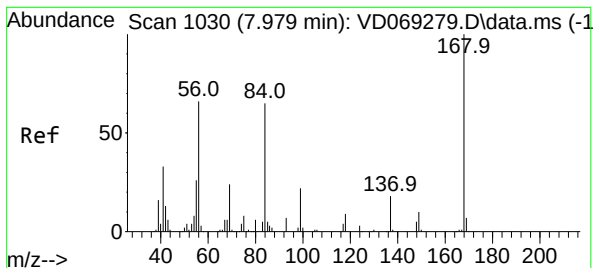
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 05 00:36:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

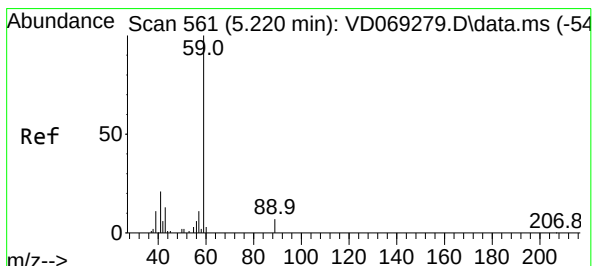
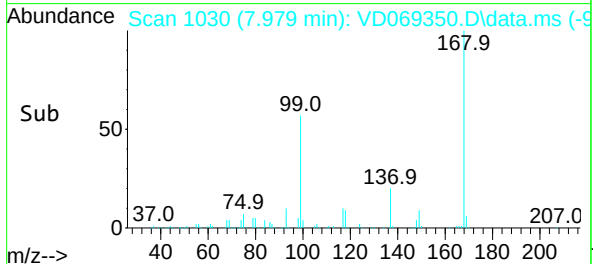
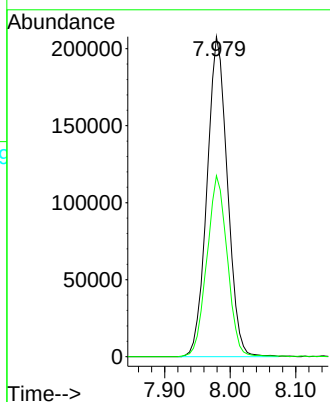
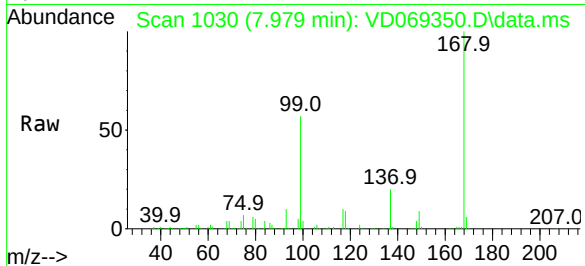




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

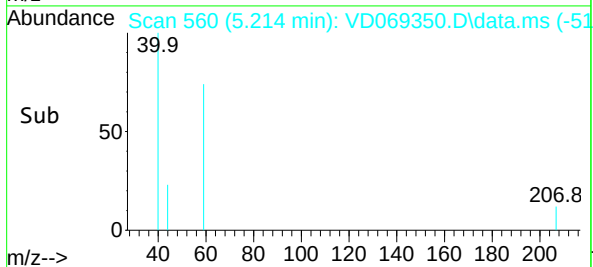
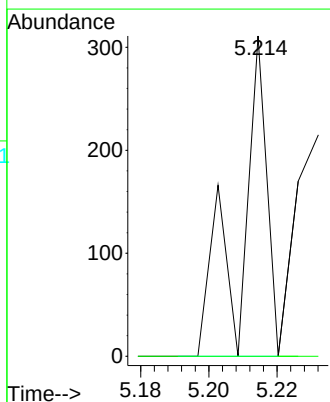
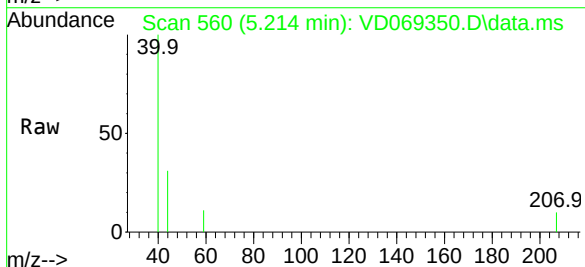
Instrument :
MSVOA_D
ClientSampled :
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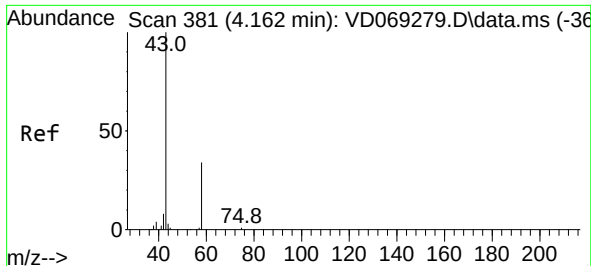
Tgt Ion:168 Resp: 449173
Ion Ratio Lower Upper
168 100
99 56.5 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

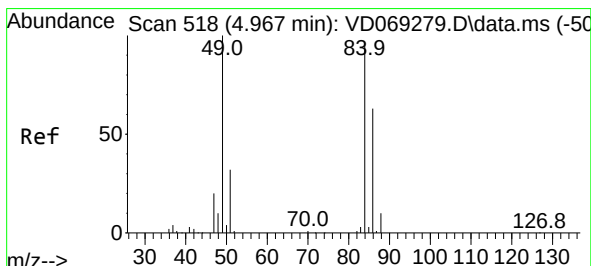
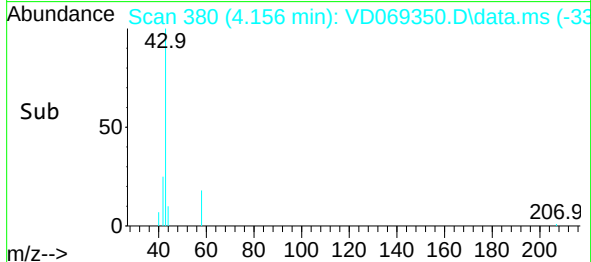
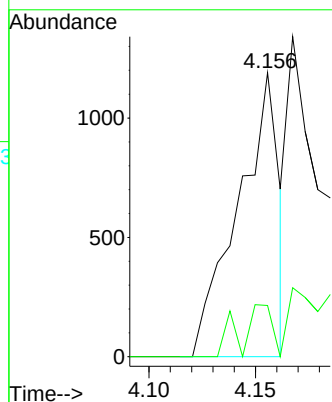
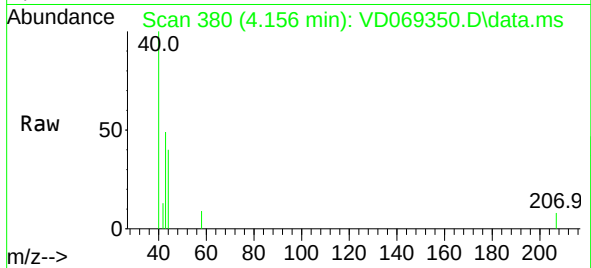




#16
Acetone
Concen: 2.107 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

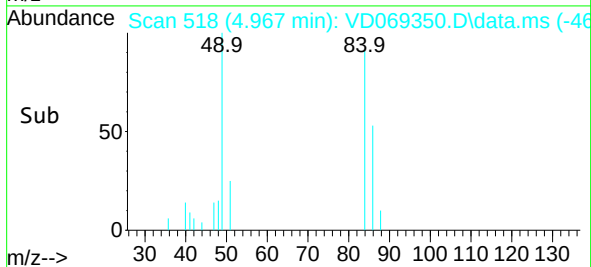
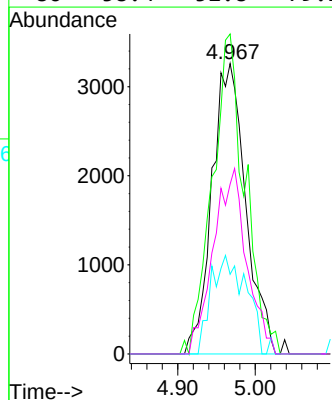
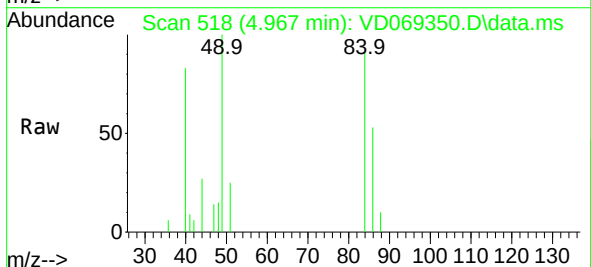
Instrument :
MSVOA_D
ClientSampled :
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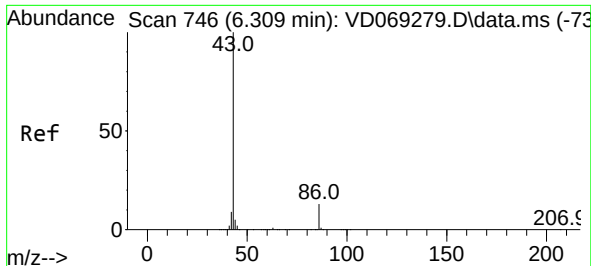
Tgt Ion: 43 Resp: 1585
Ion Ratio Lower Upper
43 100
58 18.1 27.5 41.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

Tgt Ion: 84 Resp: 9881
Ion Ratio Lower Upper
84 100
49 110.2 83.7 125.5
51 27.5 26.4 39.6
86 58.4 52.8 79.2

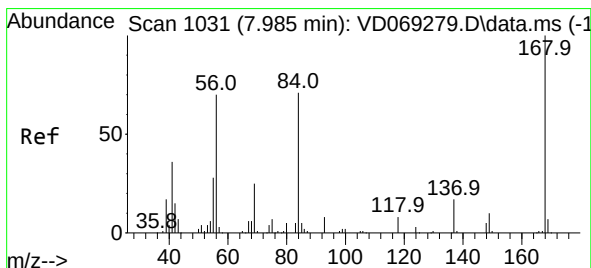
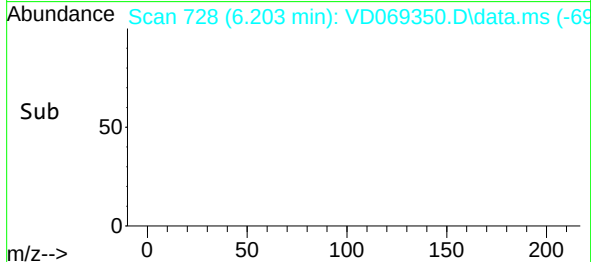
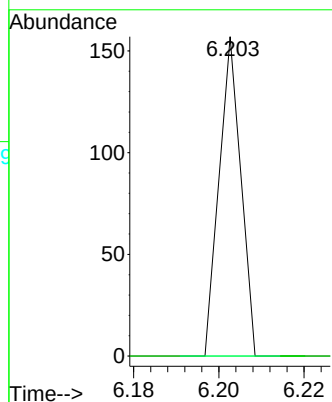
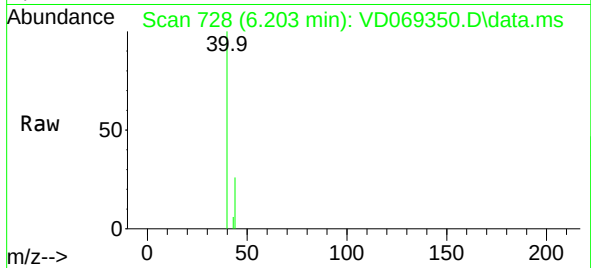




#23
 Vinyl Acetate
 Concen: 11.620 ug/l
 RT: 6.203 min Scan# 728
 Delta R.T. -0.106 min
 Lab File: VD069350.D
 Acq: 04 Jun 2021 17:16

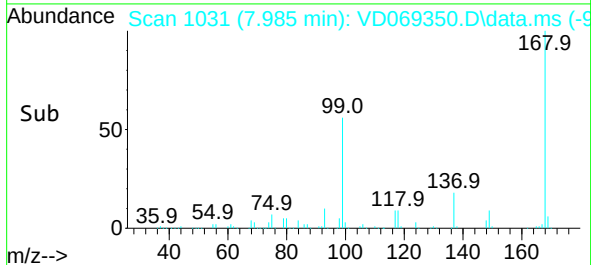
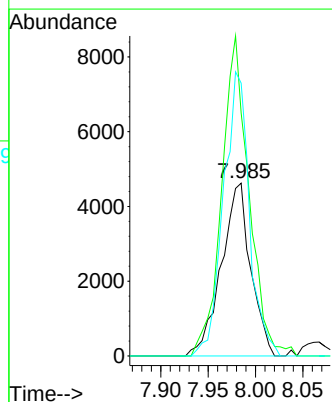
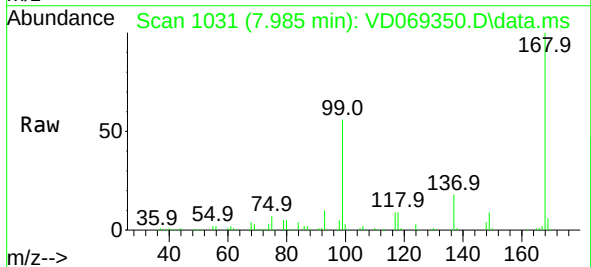
Instrument :
 MSVOA_D
 ClientSampled :
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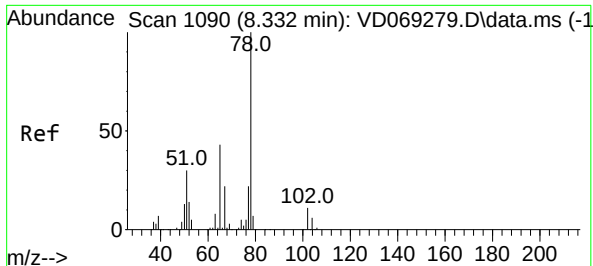
Tgt Ion: 43 Resp: 55
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#31
 Cyclohexane
 Concen: 1.454 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VD069350.D
 Acq: 04 Jun 2021 17:16

Tgt Ion: 56 Resp: 9957
 Ion Ratio Lower Upper
 56 100
 69 140.6 29.0 43.4#
 84 157.9 81.1 121.7#

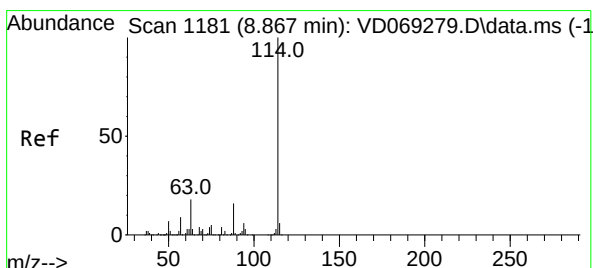
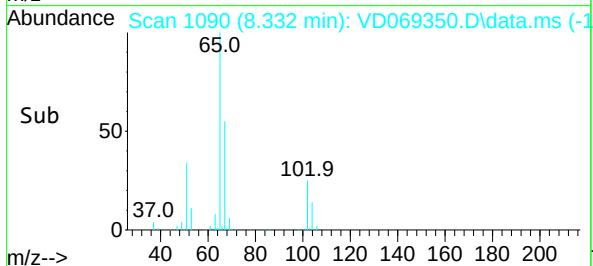
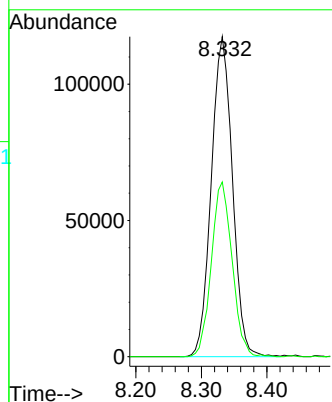
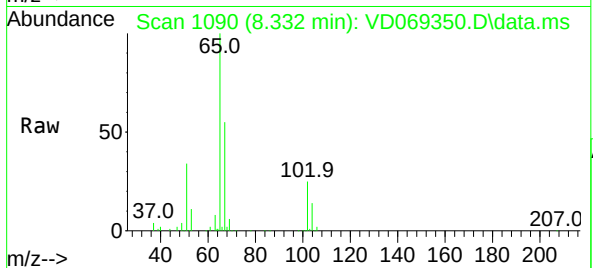




#33
1,2-Dichloroethane-d4
Concen: 61.031 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

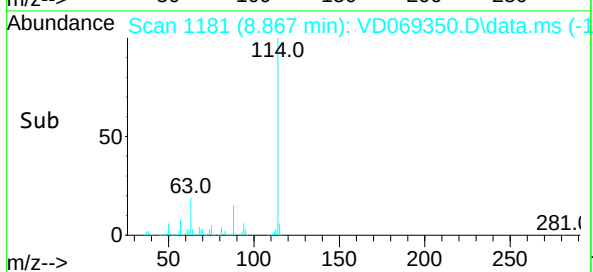
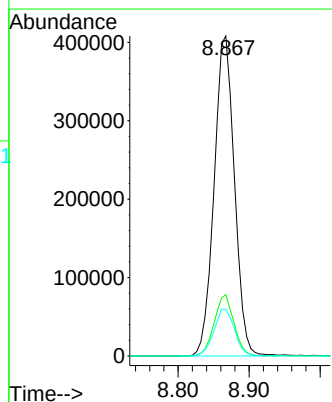
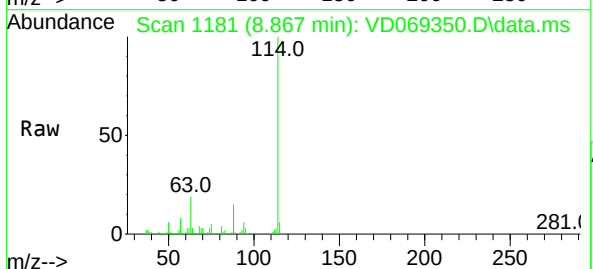
Instrument :
MSVOA_D
ClientSampleId :
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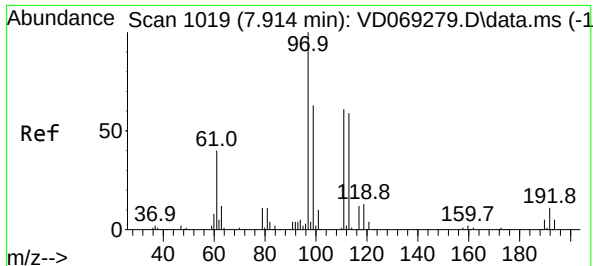
Tgt Ion: 65 Resp: 263037
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

Tgt Ion:114 Resp: 810881
Ion Ratio Lower Upper
114 100
63 19.2 0.0 35.6
88 14.6 0.0 31.2

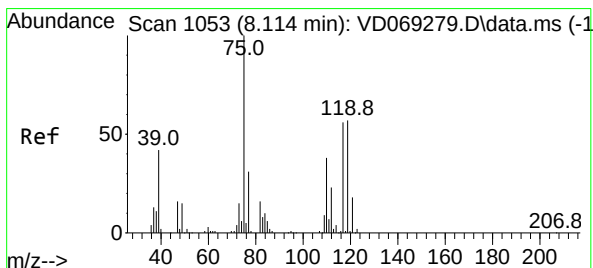
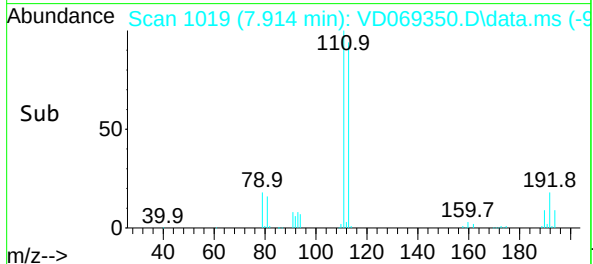
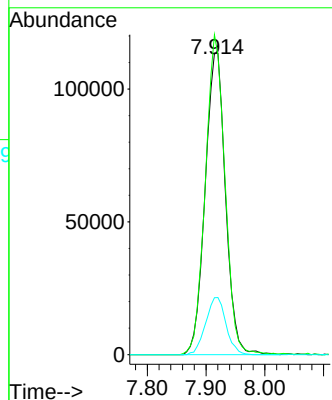
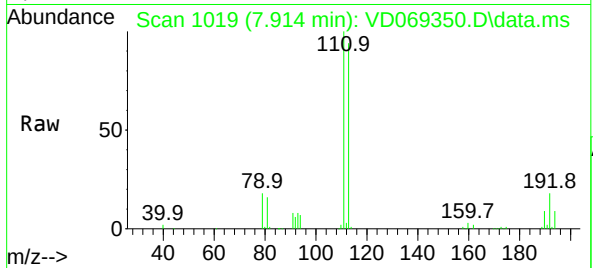




#35
Dibromofluoromethane
Concen: 53.799 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

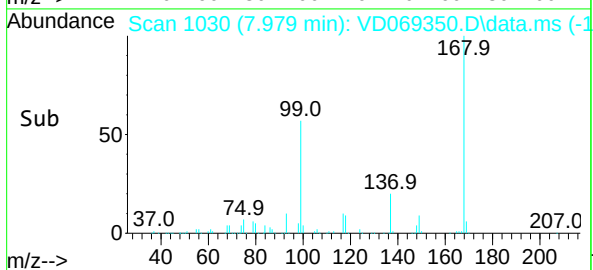
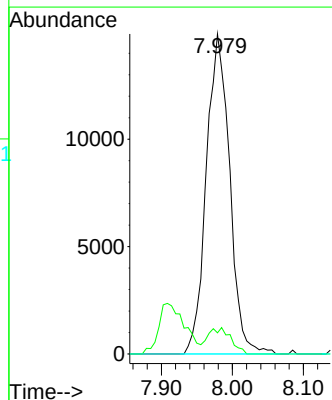
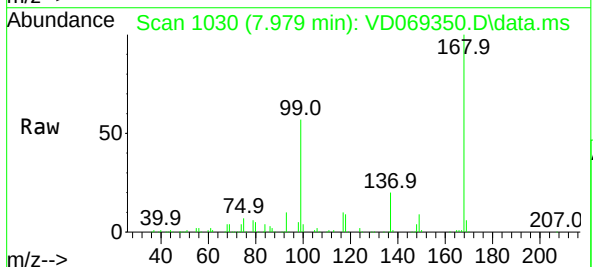
Instrument :
MSVOA_D
ClientSampled :
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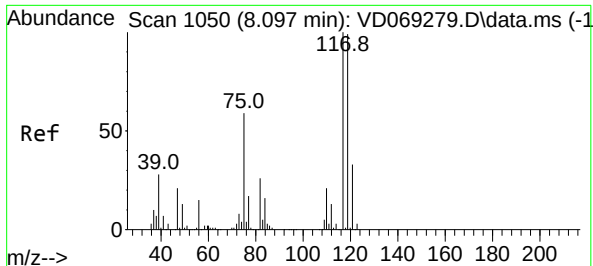
Tgt Ion:113 Resp: 273952
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.6
192 18.9 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.315 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

Tgt Ion: 75 Resp: 34008
Ion Ratio Lower Upper
75 100
110 8.0 18.4 55.2#
77 0.0 24.9 37.3#

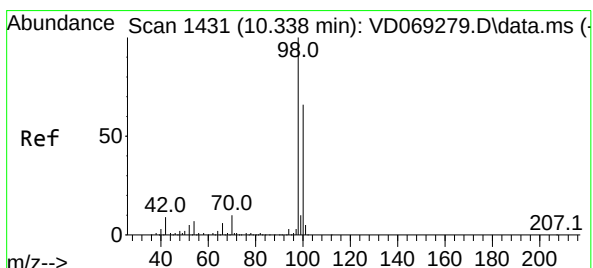
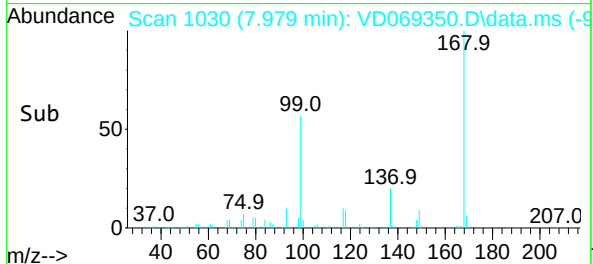
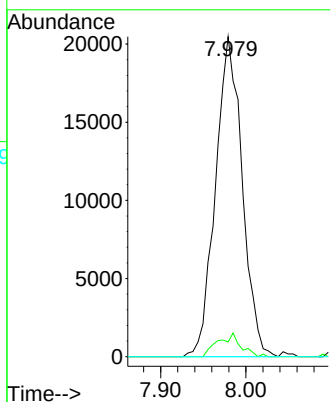
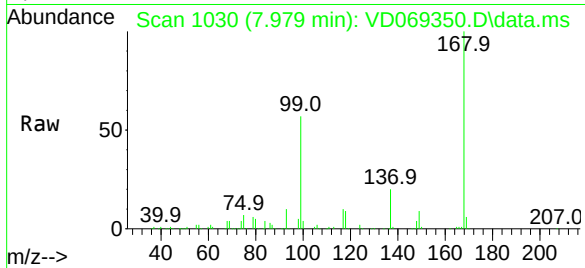




#38
Carbon Tetrachloride
Concen: 5.233 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

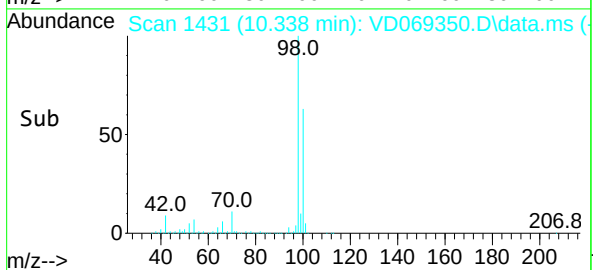
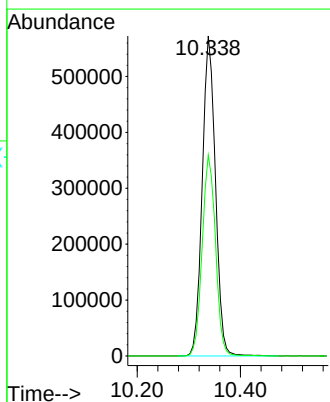
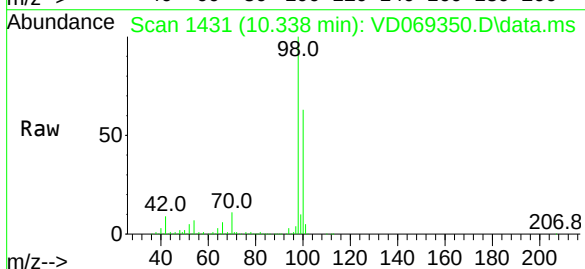
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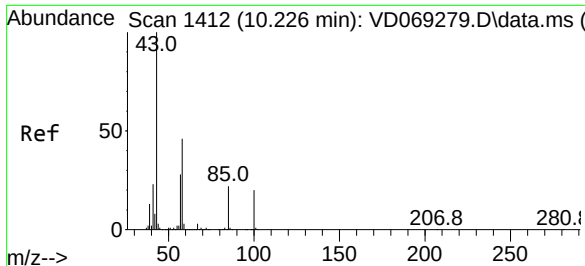
Tgt Ion:117 Resp: 44536
Ion Ratio Lower Upper
117 100
119 4.6 79.4 119.2#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 54.663 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

Tgt Ion: 98 Resp: 1012182
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1

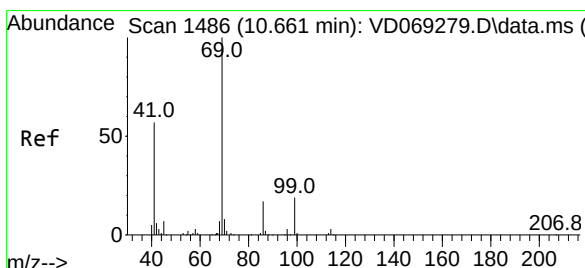
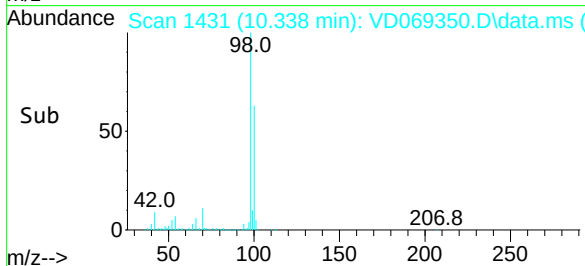
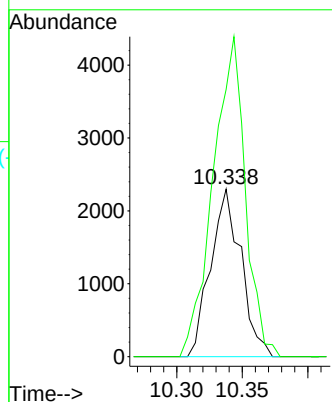
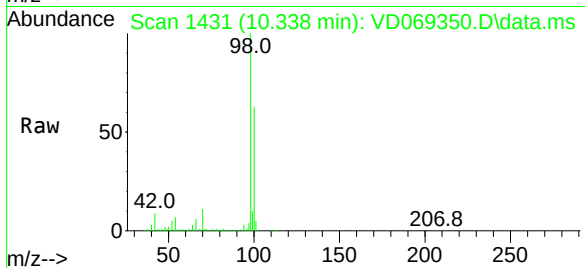




#51
4-Methyl-2-Pentanone
Concen: 1.476 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

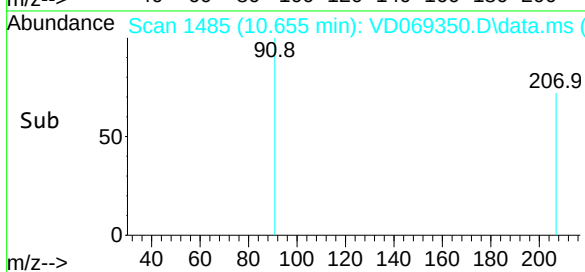
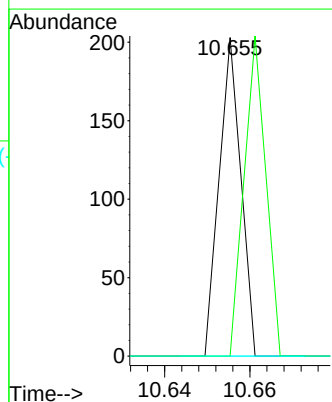
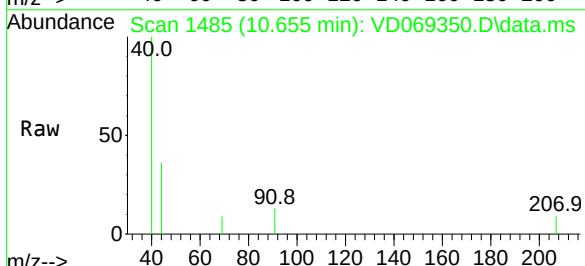
Instrument :
MSVOA_D
ClientSampled :
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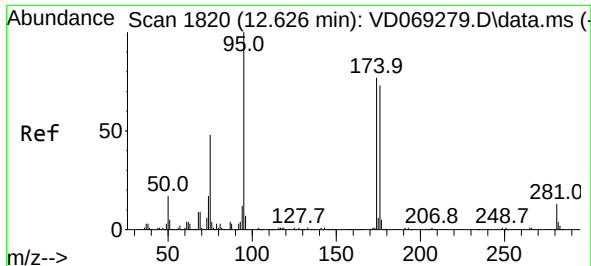
Tgt Ion: 43 Resp: 3714
Ion Ratio Lower Upper
43 100
58 201.9 35.1 52.7#



#56
Ethyl methacrylate
Concen: 2.652 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

Tgt Ion: 69 Resp: 72
Ion Ratio Lower Upper
69 100
41 100.0 45.4 68.2#
39 0.0 21.7 32.5#

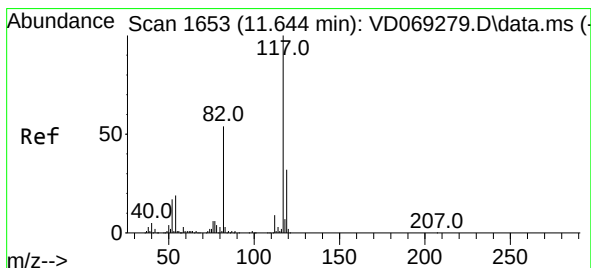
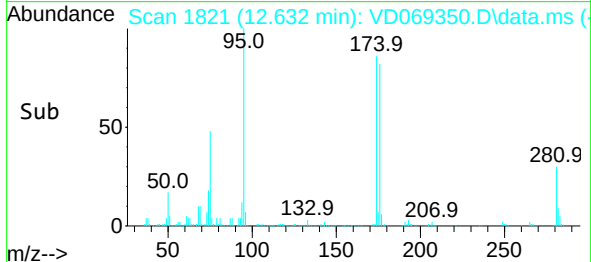
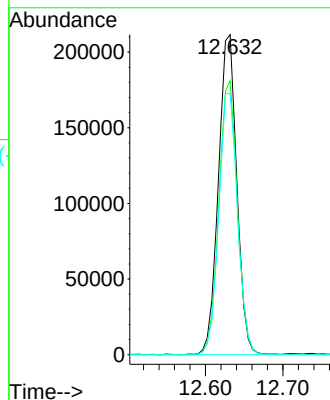
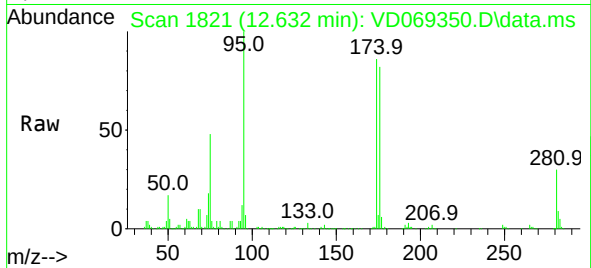




#62
4-Bromofluorobenzene
Concen: 57.651 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

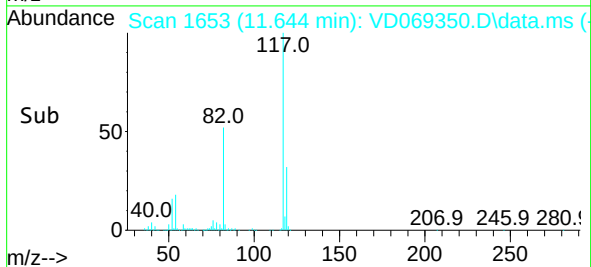
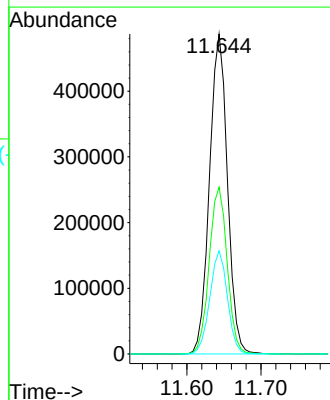
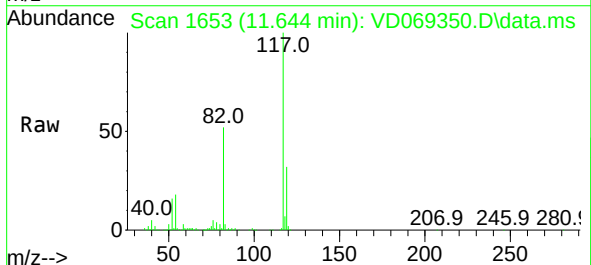
Instrument :
MSVOA_D
ClientSampleId :
23

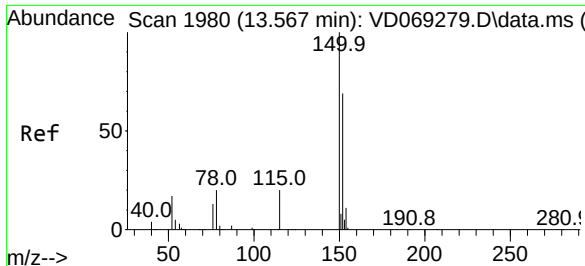
Tgt Ion: 95 Resp: 349798
Ion Ratio Lower Upper
95 100
174 86.3 0.0 162.8
176 83.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

Tgt Ion: 117 Resp: 818579
Ion Ratio Lower Upper
117 100
82 52.1 43.3 64.9
119 32.2 25.3 37.9

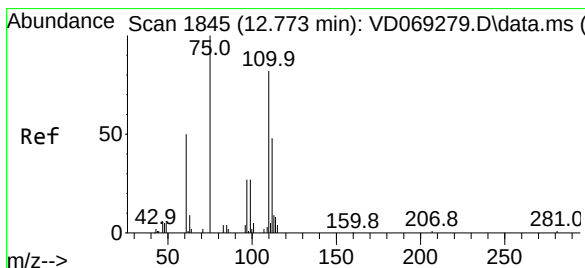
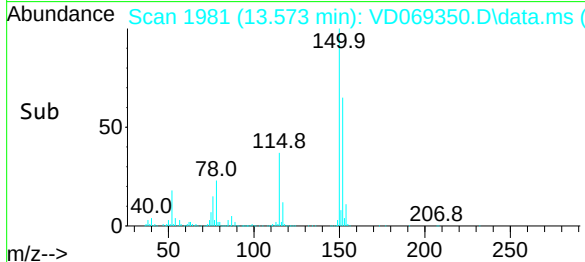
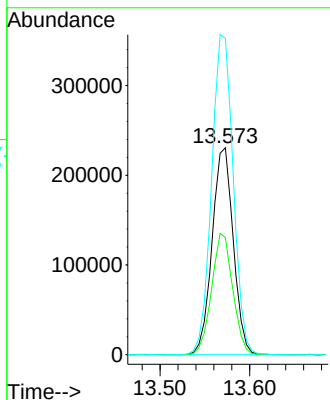
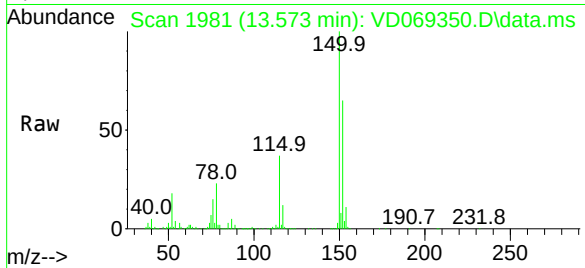




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

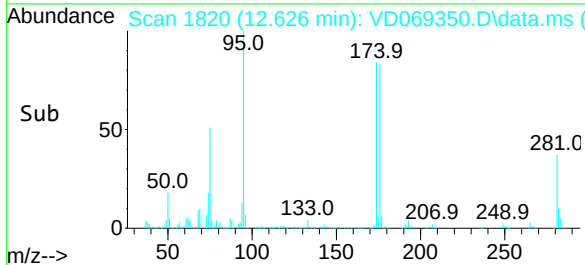
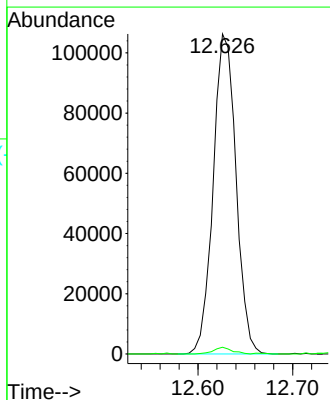
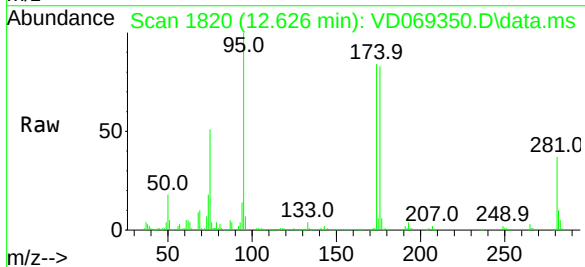
Instrument :
MSVOA_D
ClientSampleId :
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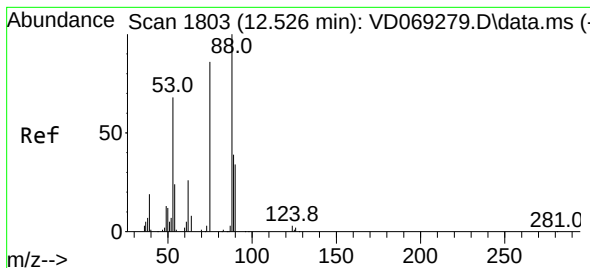
Tgt Ion:152 Resp: 377965
Ion Ratio Lower Upper
152 100
115 58.6 29.4 88.3
150 157.6 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 54.192 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

Tgt Ion: 75 Resp: 177960
Ion Ratio Lower Upper
75 100
77 1.7 183.8 551.2#

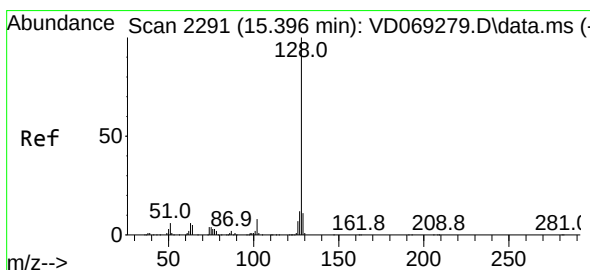
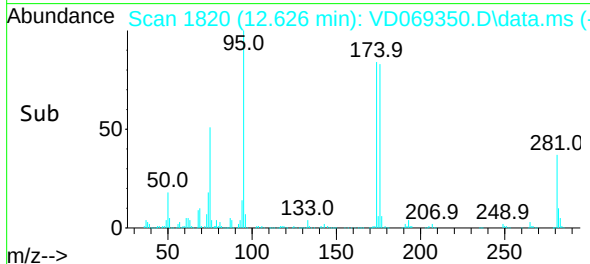
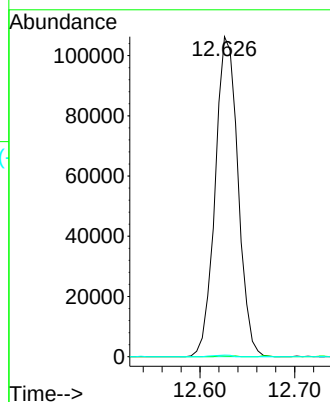
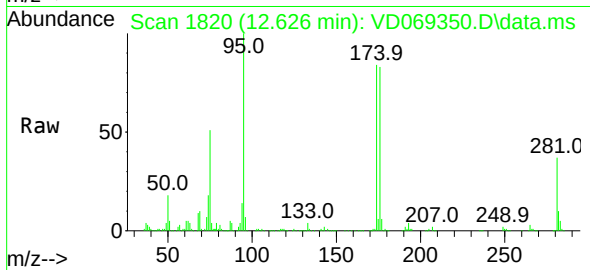




#81
trans-1,4-Dichloro-2-butene
Concen: 120.090 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

Instrument :
MSVOA_D
ClientSampleId :
23

Tgt Ion: 75 Resp: 177960
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.4 35.6 53.4#



#95
Naphthalene
Concen: 3.371 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD069350.D
Acq: 04 Jun 2021 17:16

Tgt Ion: 128 Resp: 956
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 25.4 8.8 13.2#

