

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052121\
 Data File : VD069237.D
 Acq On : 21 May 2021 14:28
 Operator : VA/SY
 Sample : M2472-11
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW8-GW-938-940

Quant Time: May 22 00:33:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

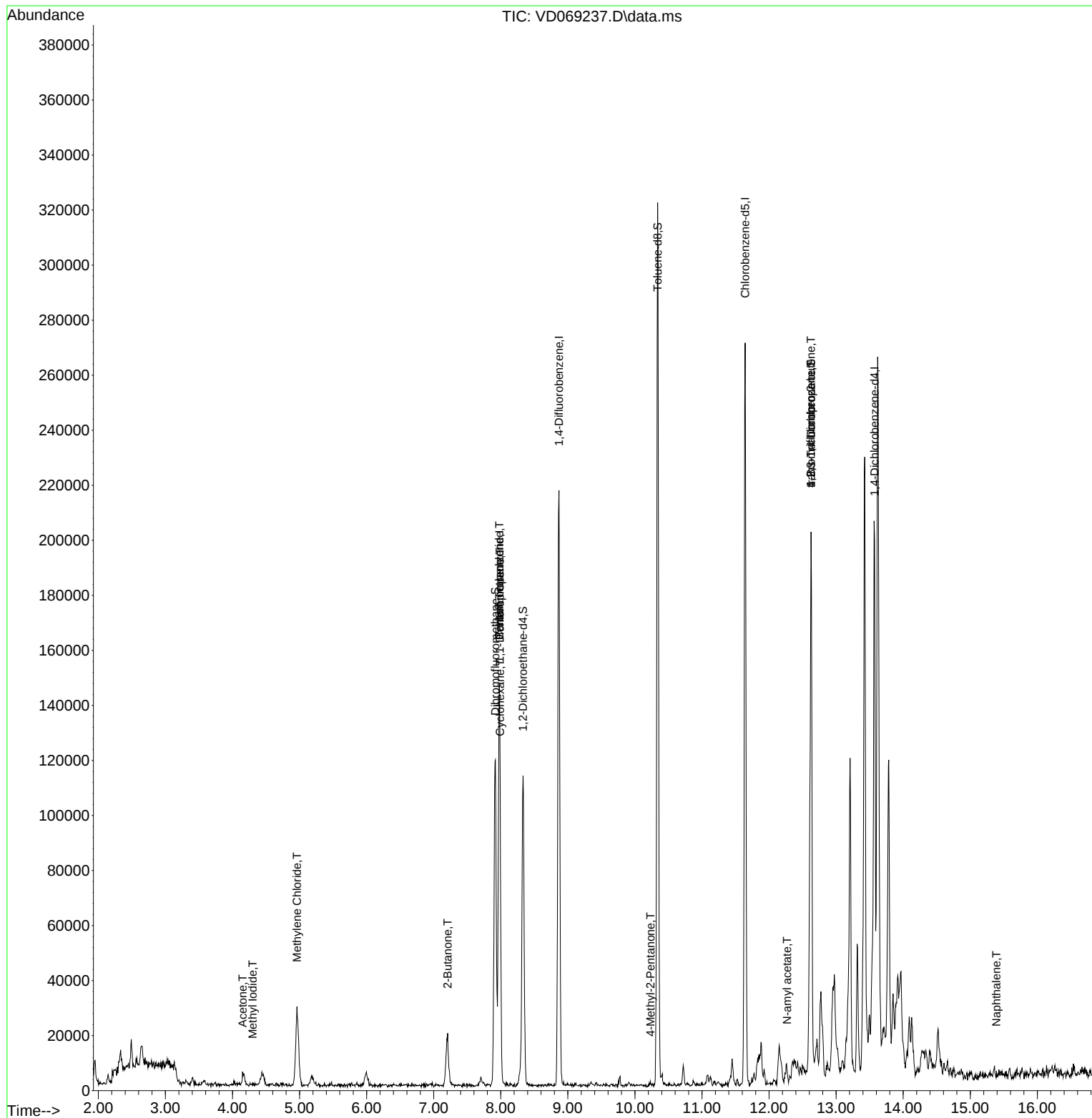
Internal Standards						
1) Pentafluorobenzene	7.979	168	104239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	187812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	159944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	50130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	88343	84.54	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 169.08%#			
35) Dibromofluoromethane	7.920	113	82682	67.65	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 135.30%			
50) Toluene-d8	10.338	98	227016	50.55	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.10%			
62) 4-Bromofluorobenzene	12.626	95	54558	37.75	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 75.50%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	315	1.18	ug/l #	38
11) Tert butyl alcohol	5.220	59	869	Below Cal	#	73
16) Acetone	4.150	43	3725	23.27	ug/l #	72
20) Methylene Chloride	4.962	84	21883	9.44	ug/l #	93
25) 2-Butanone	7.208	43	1788	8.24	ug/l #	38
31) Cyclohexane	7.991	56	2828	1.83	ug/l #	44
36) 1,1-Dichloropropene	7.985	75	9749	5.34	ug/l #	44
38) Carbon Tetrachloride	7.979	117	11210	5.49	ug/l #	15
51) 4-Methyl-2-Pentanone	10.232	43	606	1.11	ug/l	96
74) N-amyl acetate	12.267	43	1814	3.17	ug/l #	46
76) 1,2,3-Trichloropropane	12.626	75	28383	75.32	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	28383	152.14	ug/l #	18
95) Naphthalene	15.390	128	1113	2.70	ug/l #	69

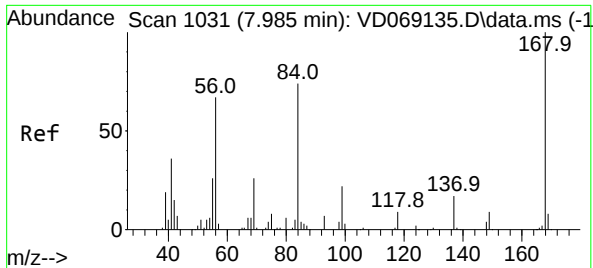
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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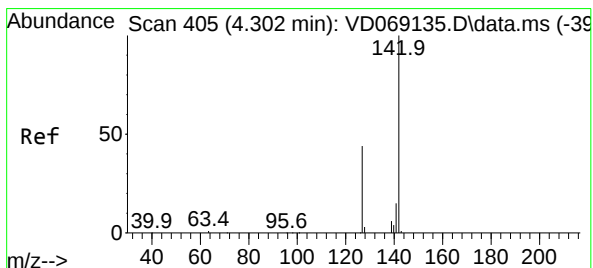
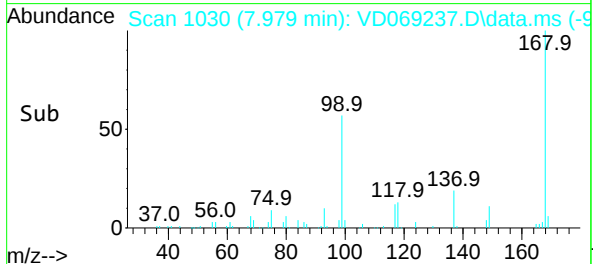
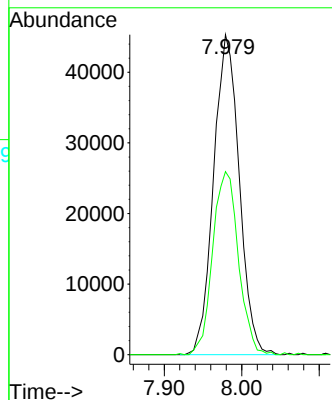
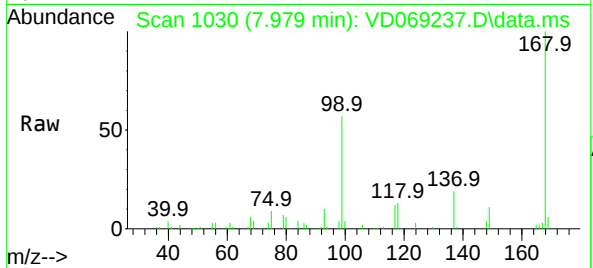




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

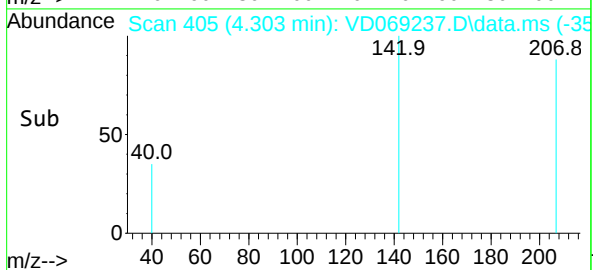
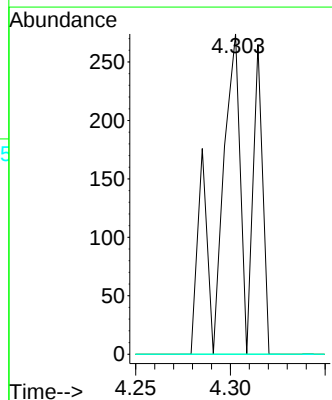
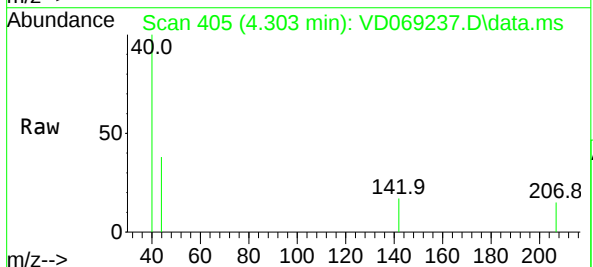
Instrument :
MSVOA_D
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BP-VPB-RW8-GW-938-940

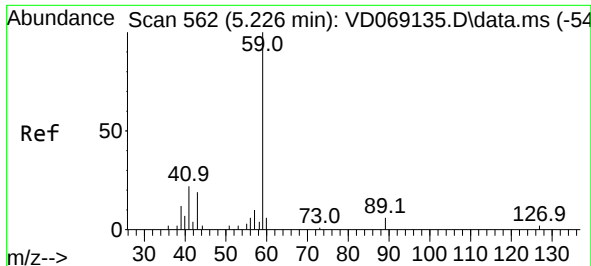
Tgt Ion:168 Resp: 104239
Ion Ratio Lower Upper
168 100
99 57.2 47.2 70.8



#10
Methyl Iodide
Concen: 1.18 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.001 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

Tgt Ion:142 Resp: 315
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 12.2 18.4#



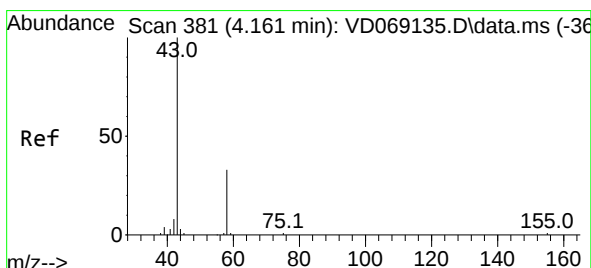
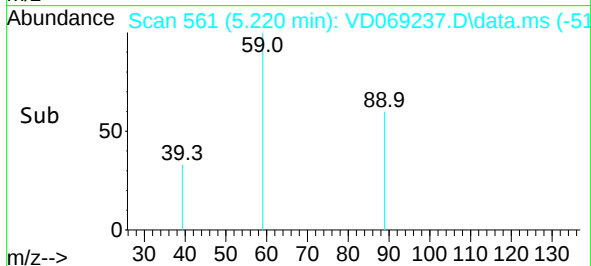
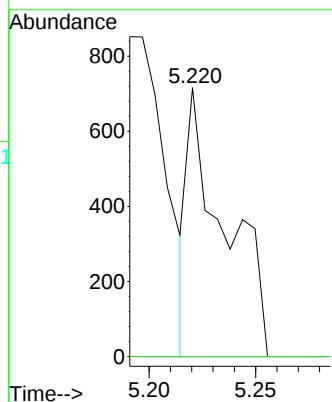
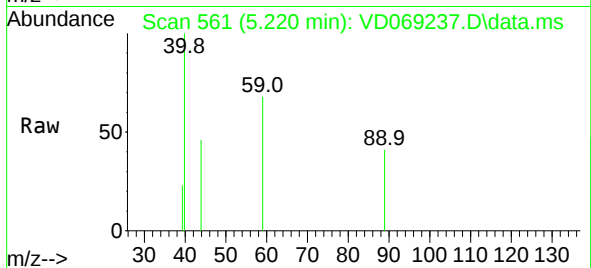


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-938-940

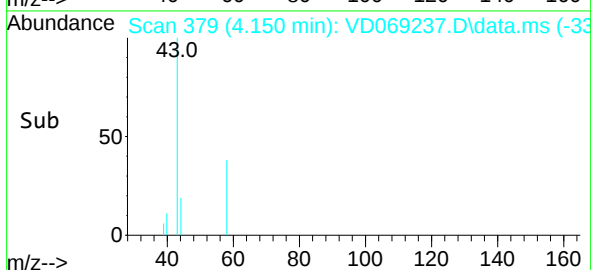
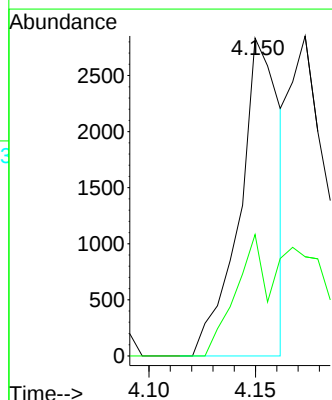
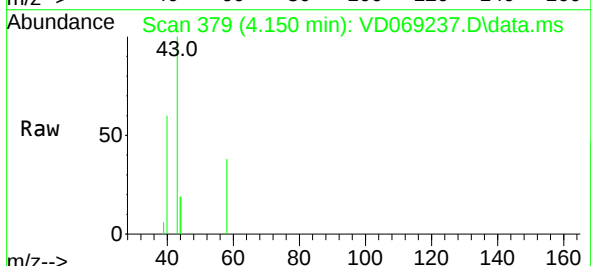
Tgt Ion: 59 Resp: 869
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

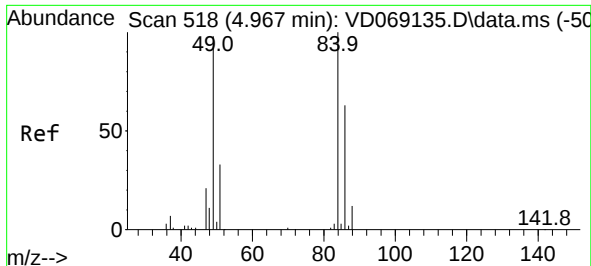


#16

Acetone
Concen: 23.27 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

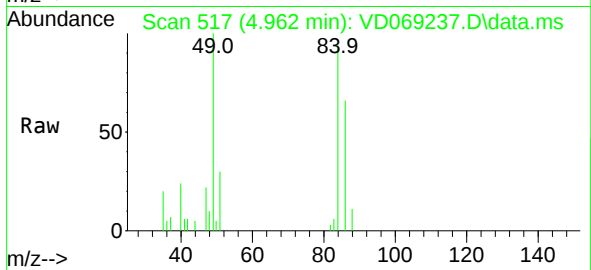
Tgt Ion: 43 Resp: 3725
Ion Ratio Lower Upper
43 100
58 49.2 26.7 40.1#



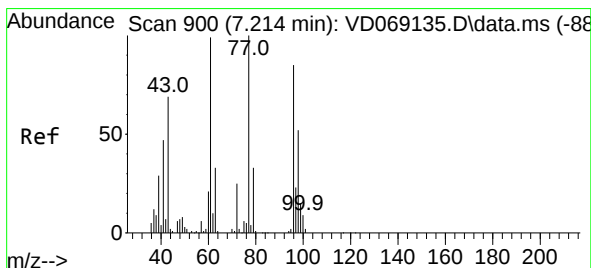
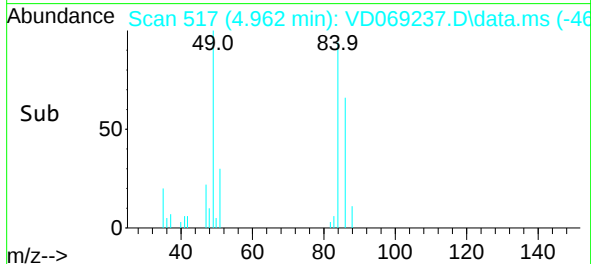
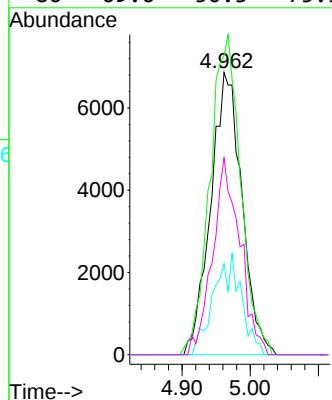


#20
Methylene Chloride
Concen: 9.44 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

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MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-938-940

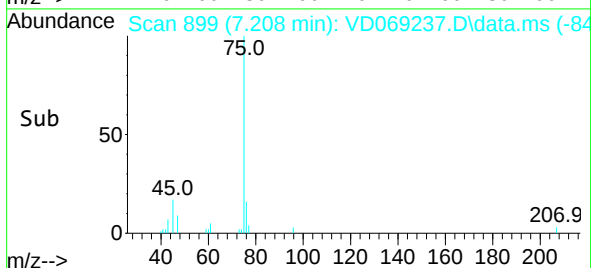
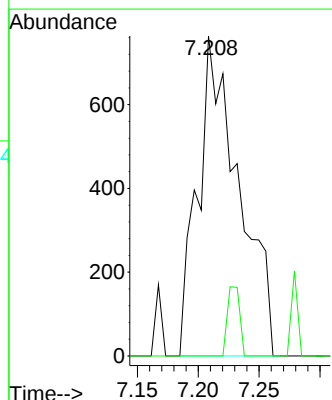
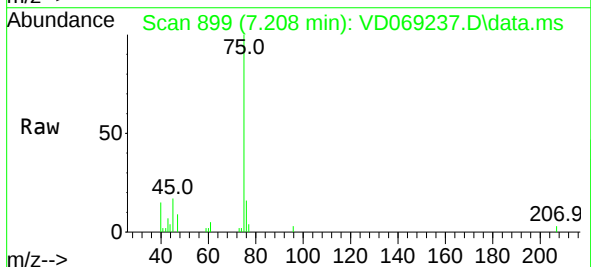


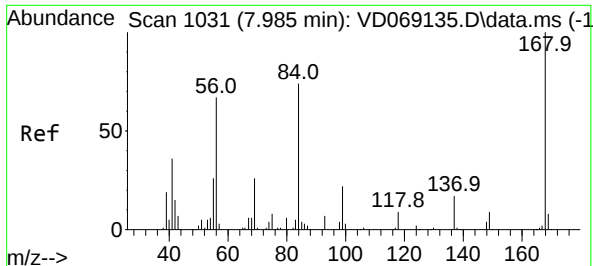
Tgt Ion:	84	Resp:	21883
Ion	Ratio	Lower	Upper
84	100		
49	106.0	78.6	117.8
51	32.2	26.7	40.1
86	69.6	50.3	75.5



#25
2-Butanone
Concen: 8.24 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

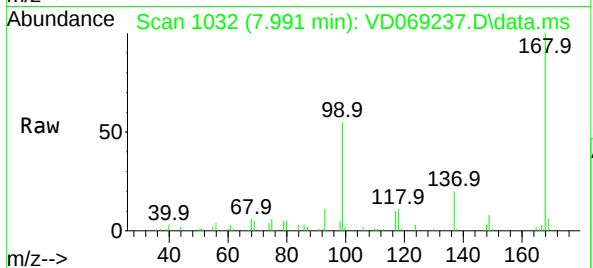
Tgt Ion:	43	Resp:	1788
Ion	Ratio	Lower	Upper
43	100		
72	0.0	29.1	43.7#



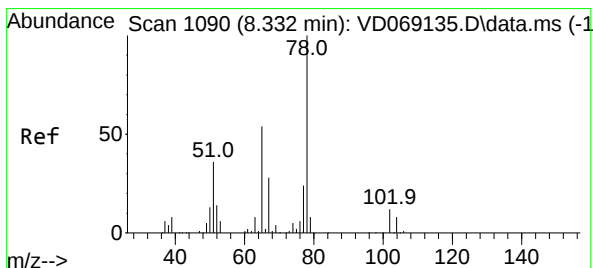
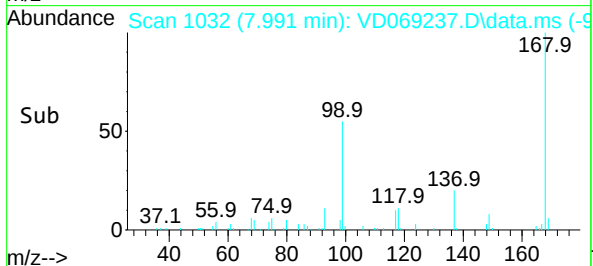
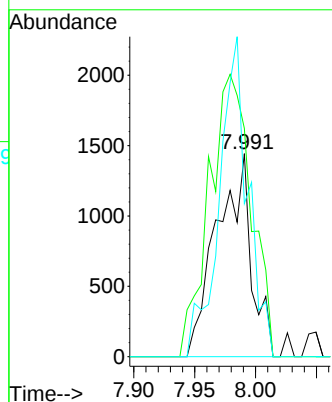


#31
Cyclohexane
Concen: 1.83 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

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BP-VPB-RW8-GW-938-940

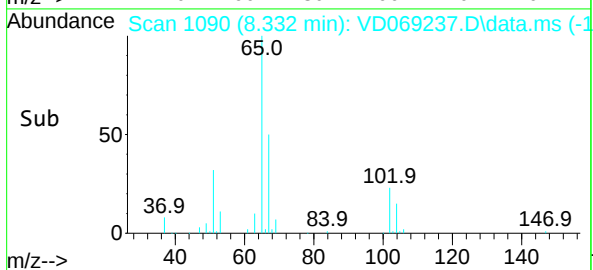
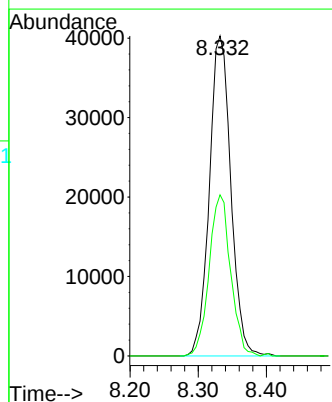
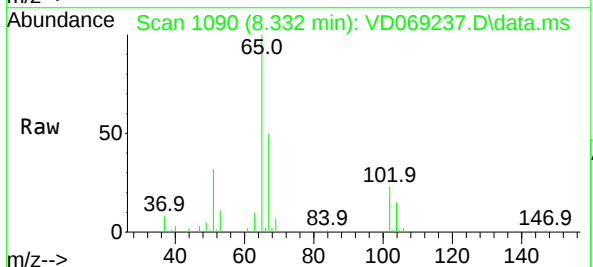


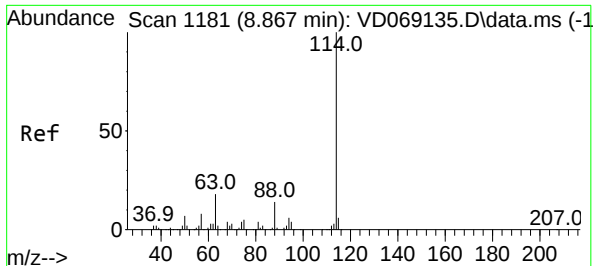
Tgt Ion: 56 Resp: 2828
Ion Ratio Lower Upper
56 100
69 112.5 30.6 46.0#
84 75.4 88.0 132.0#



#33
1,2-Dichloroethane-d4
Concen: 84.54 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

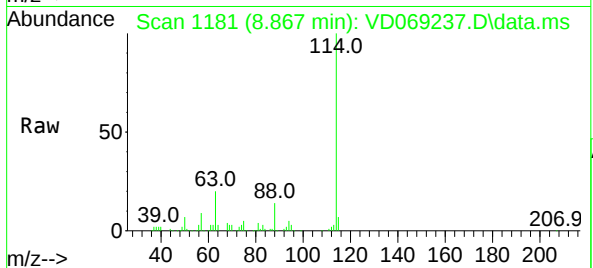
Tgt Ion: 65 Resp: 88343
Ion Ratio Lower Upper
65 100
67 50.4 0.0 108.0



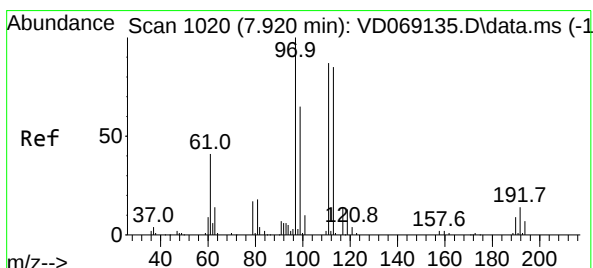
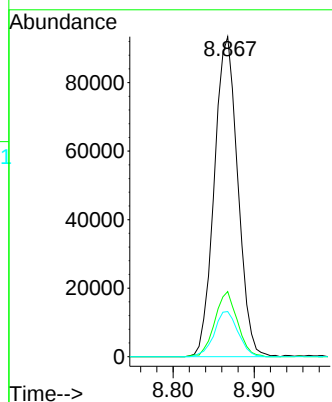
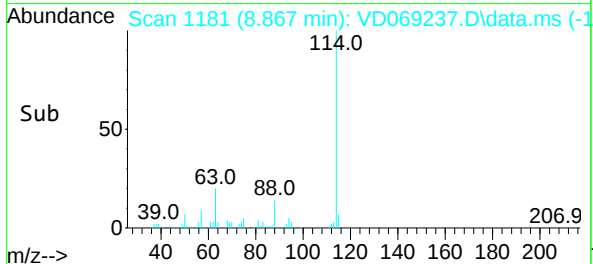


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

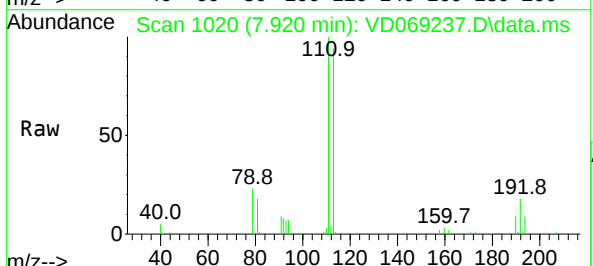
Instrument :
MSVOA_D
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BP-VPB-RW8-GW-938-940



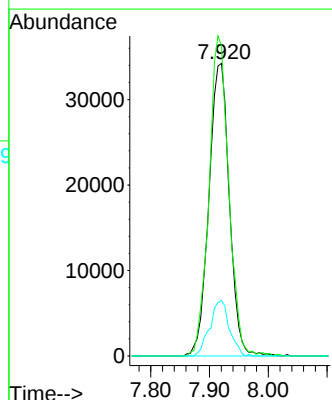
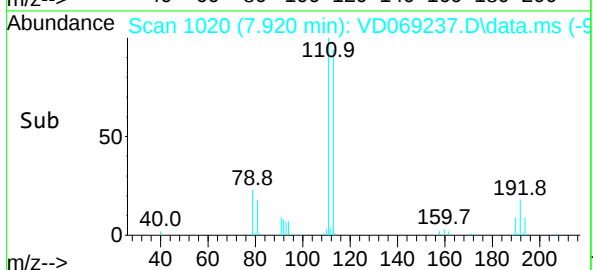
Tgt Ion:114 Resp: 187812
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 14.1 0.0 28.2

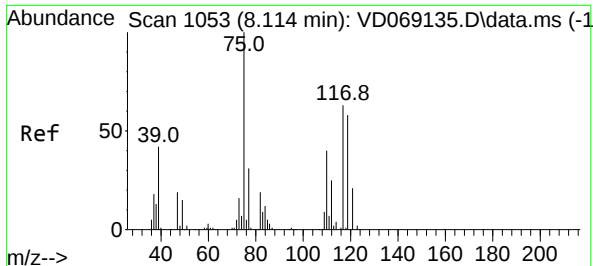


#35
Dibromofluoromethane
Concen: 67.65 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28



Tgt Ion:113 Resp: 82682
Ion Ratio Lower Upper
113 100
111 105.4 80.6 120.8
192 18.2 14.8 22.2

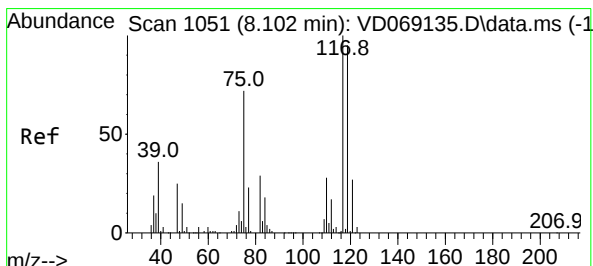
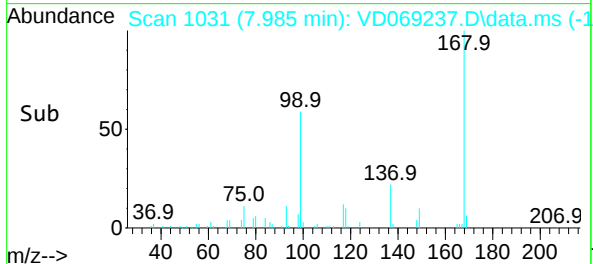
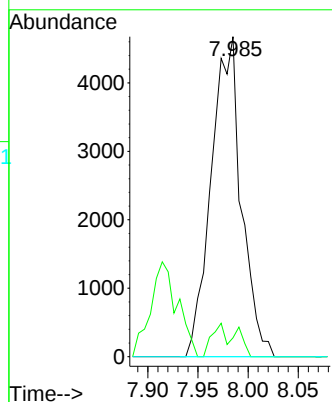
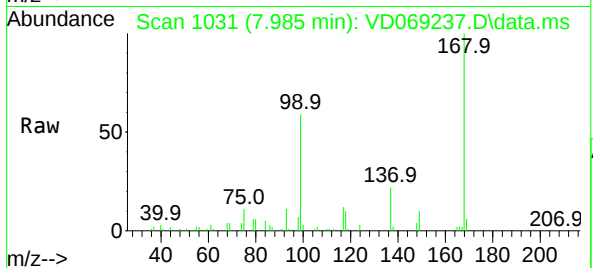




#36
1,1-Dichloropropene
Concen: 5.34 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

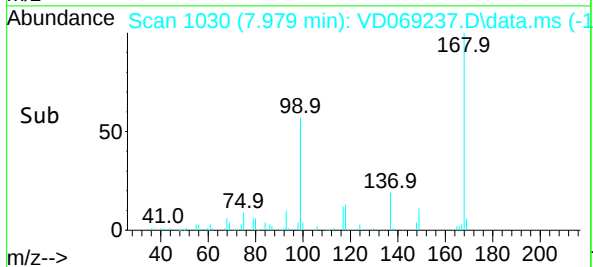
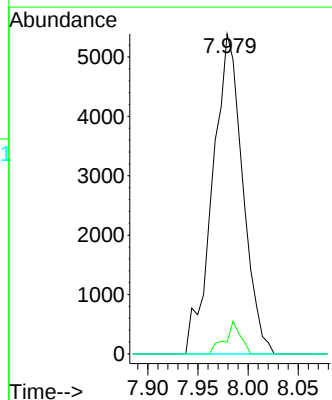
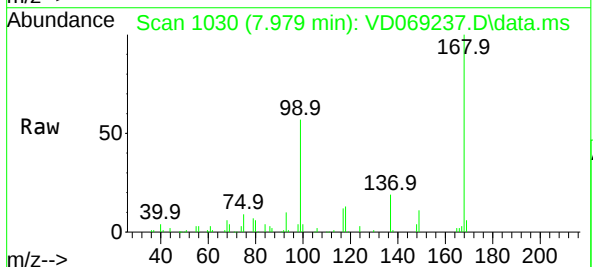
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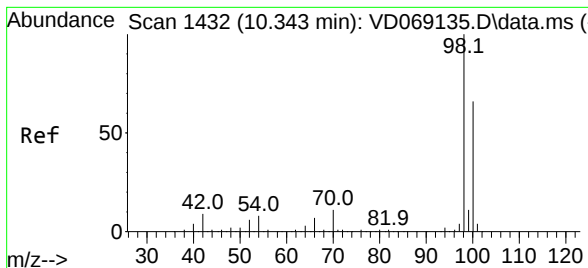
Tgt Ion: 75 Resp: 9749
Ion Ratio Lower Upper
75 100
110 4.8 18.8 56.4#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.49 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

Tgt Ion: 117 Resp: 11210
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 21.9 32.9#

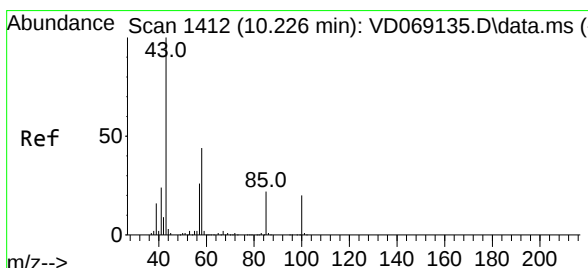
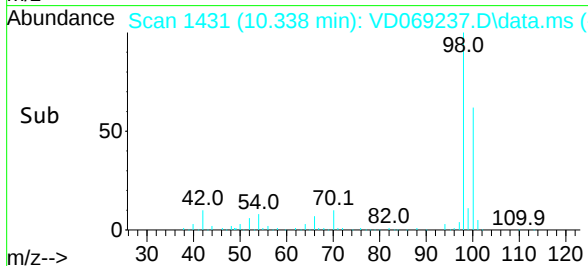
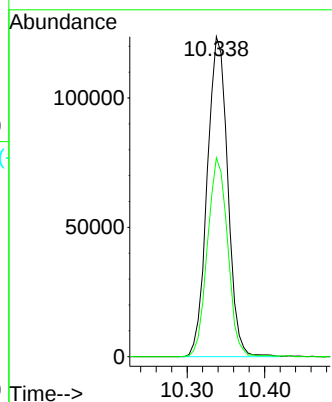
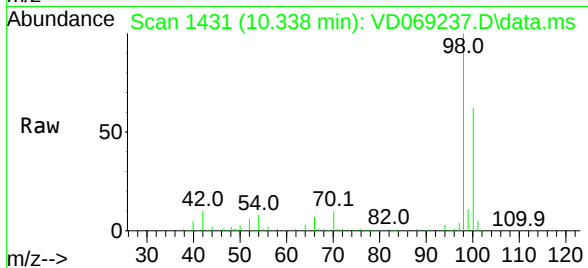




#50
Toluene-d8
Concen: 50.55 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

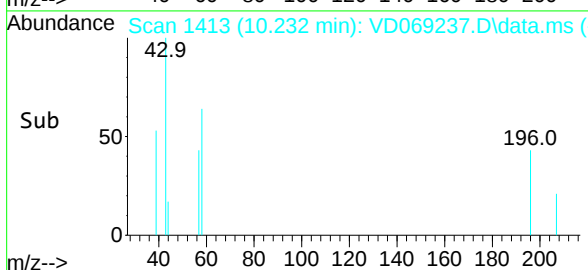
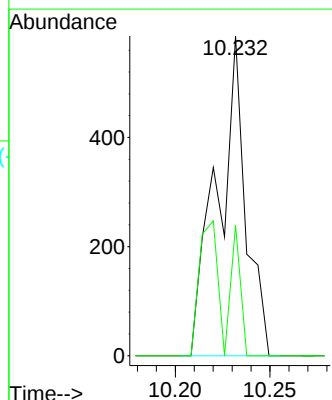
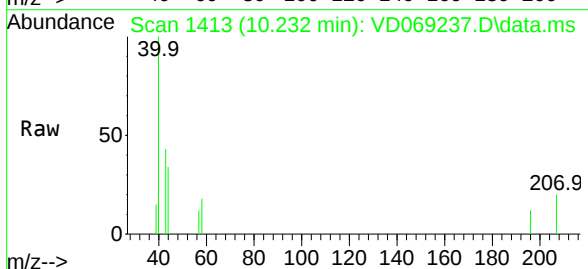
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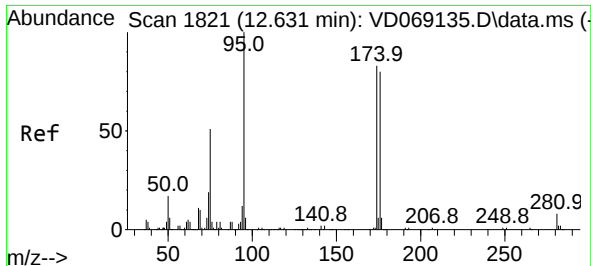
Tgt Ion: 98 Resp: 227016
Ion Ratio Lower Upper
98 100
100 61.6 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 1.11 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

Tgt Ion: 43 Resp: 606
Ion Ratio Lower Upper
43 100
58 41.3 35.0 52.4

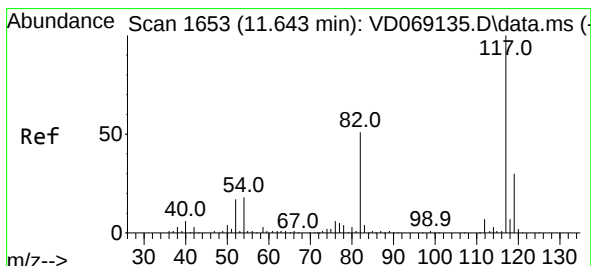
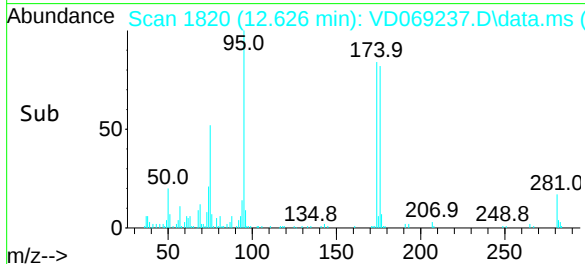
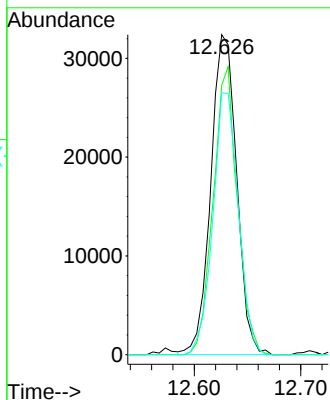
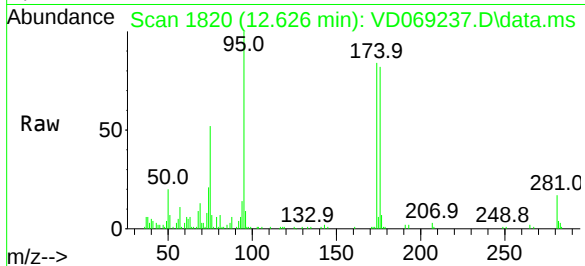




#62
4-Bromofluorobenzene
Concen: 37.75 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

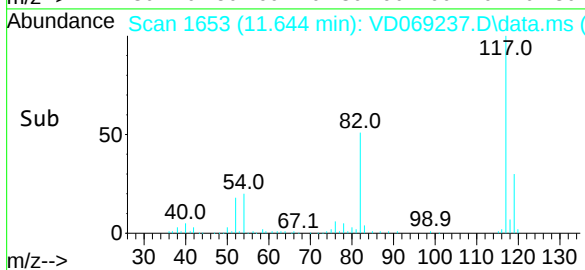
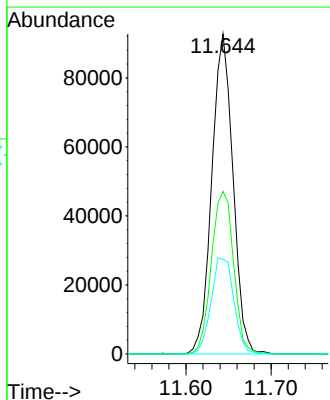
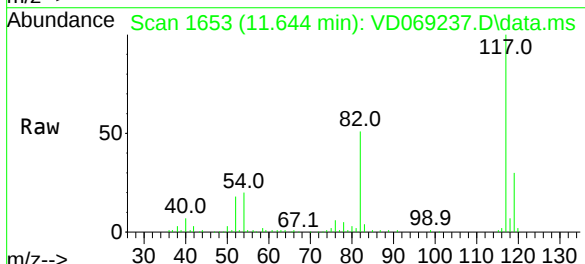
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-938-940

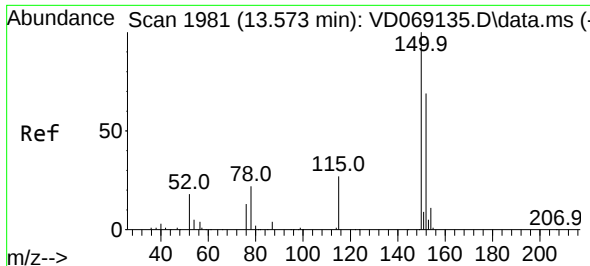
Tgt Ion:	95	Resp:	54558
Ion Ratio	Lower	Upper	
95	100		
174	84.4	0.0	171.8
176	80.8	0.0	165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

Tgt Ion:	117	Resp:	159944
Ion Ratio	Lower	Upper	
117	100		
82	50.8	40.5	60.7
119	29.6	24.2	36.4

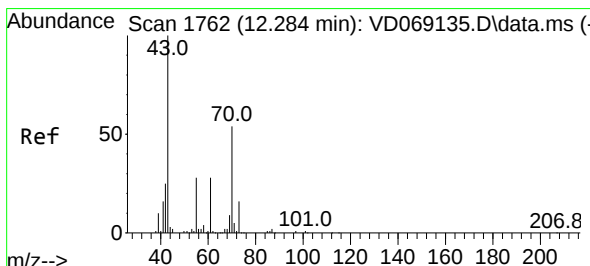
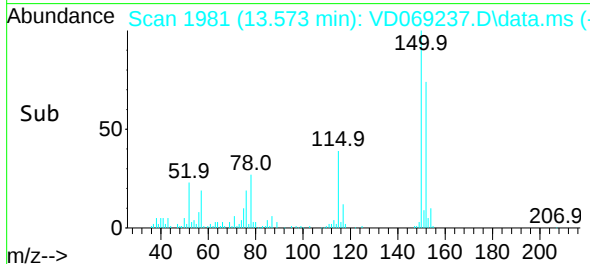
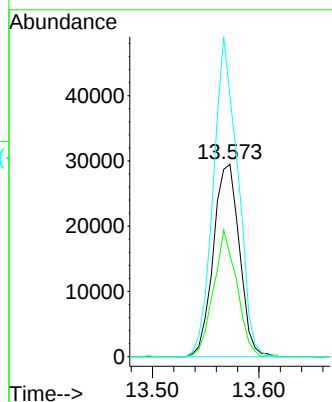
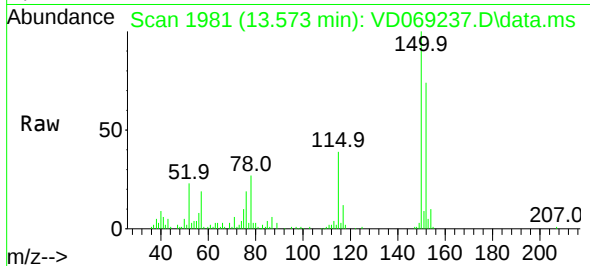




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

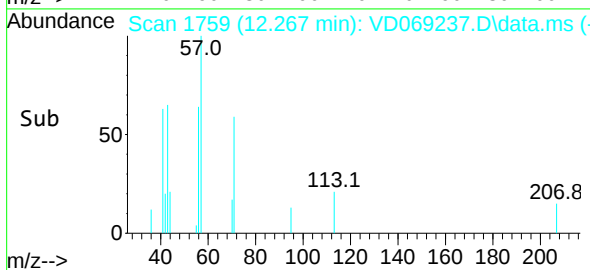
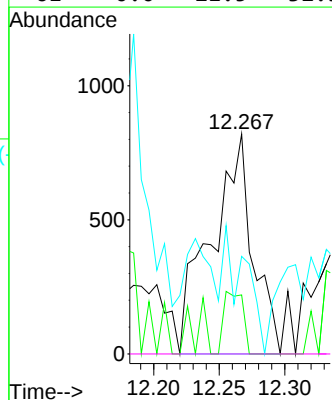
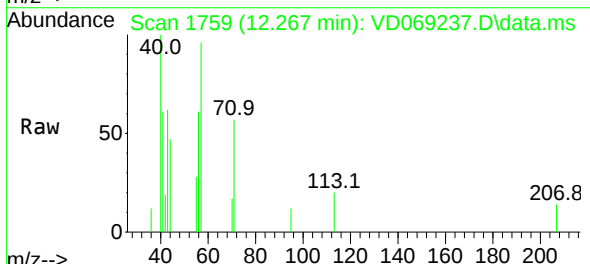
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-938-940

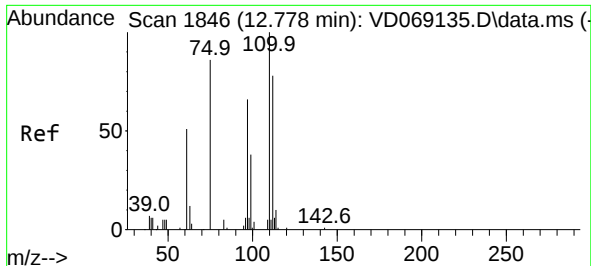
Tgt Ion:152 Resp: 50130
Ion Ratio Lower Upper
152 100
115 59.0 29.9 89.8
150 155.5 0.0 350.2



#74
N-ethyl acetate
Concen: 3.17 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.017 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

Tgt Ion: 43 Resp: 1814
Ion Ratio Lower Upper
43 100
70 13.0 41.6 62.4#
55 0.0 22.6 34.0#
61 0.0 21.5 32.3#

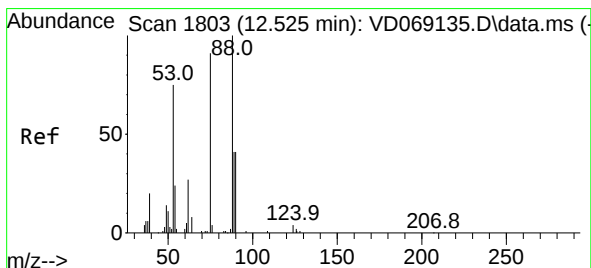
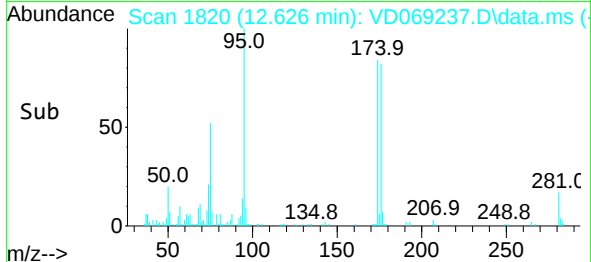
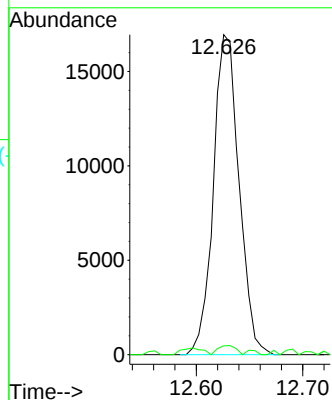
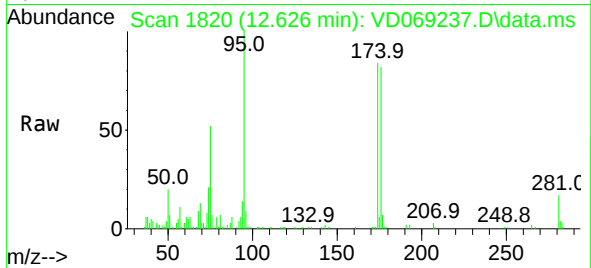




#76
1,2,3-Trichloropropane
Concen: 75.32 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

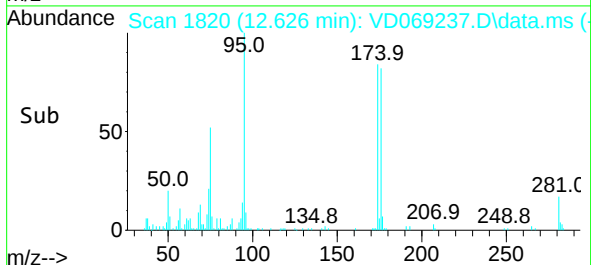
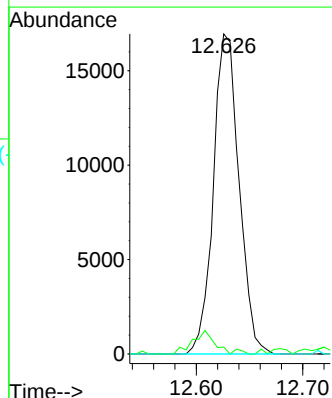
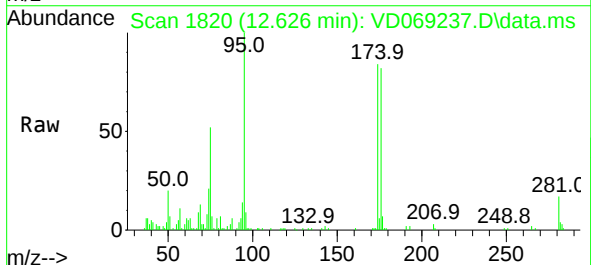
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-938-940

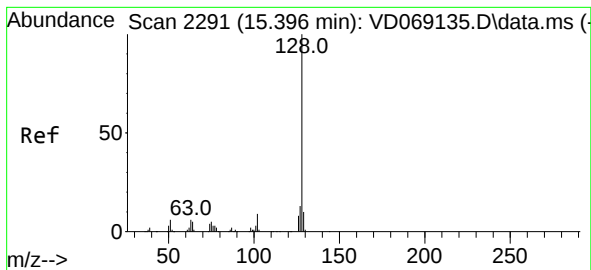
Tgt Ion: 75 Resp: 28383
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 152.14 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

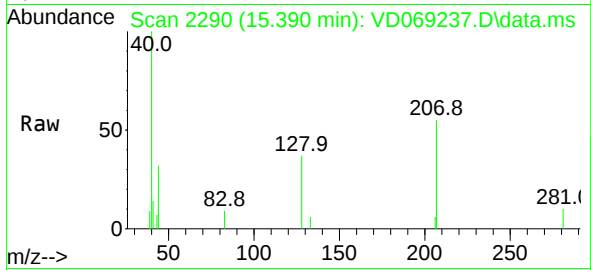
Tgt Ion: 75 Resp: 28383
Ion Ratio Lower Upper
75 100
53 6.1 70.0 105.0#
89 0.0 40.2 60.2#





#95
Naphthalene
Concen: 2.70 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069237.D
Acq: 21 May 2021 14:28

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-938-940



Tgt Ion:128 Resp: 1113
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

