

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012121\
 Data File : VD068138.D
 Acq On : 21 Jan 2021 17:41
 Operator : VA/SY
 Sample : M1177-03
 Misc : 5.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PILE-2-(0.5-1.0)

Quant Time: Jan 22 00:11:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

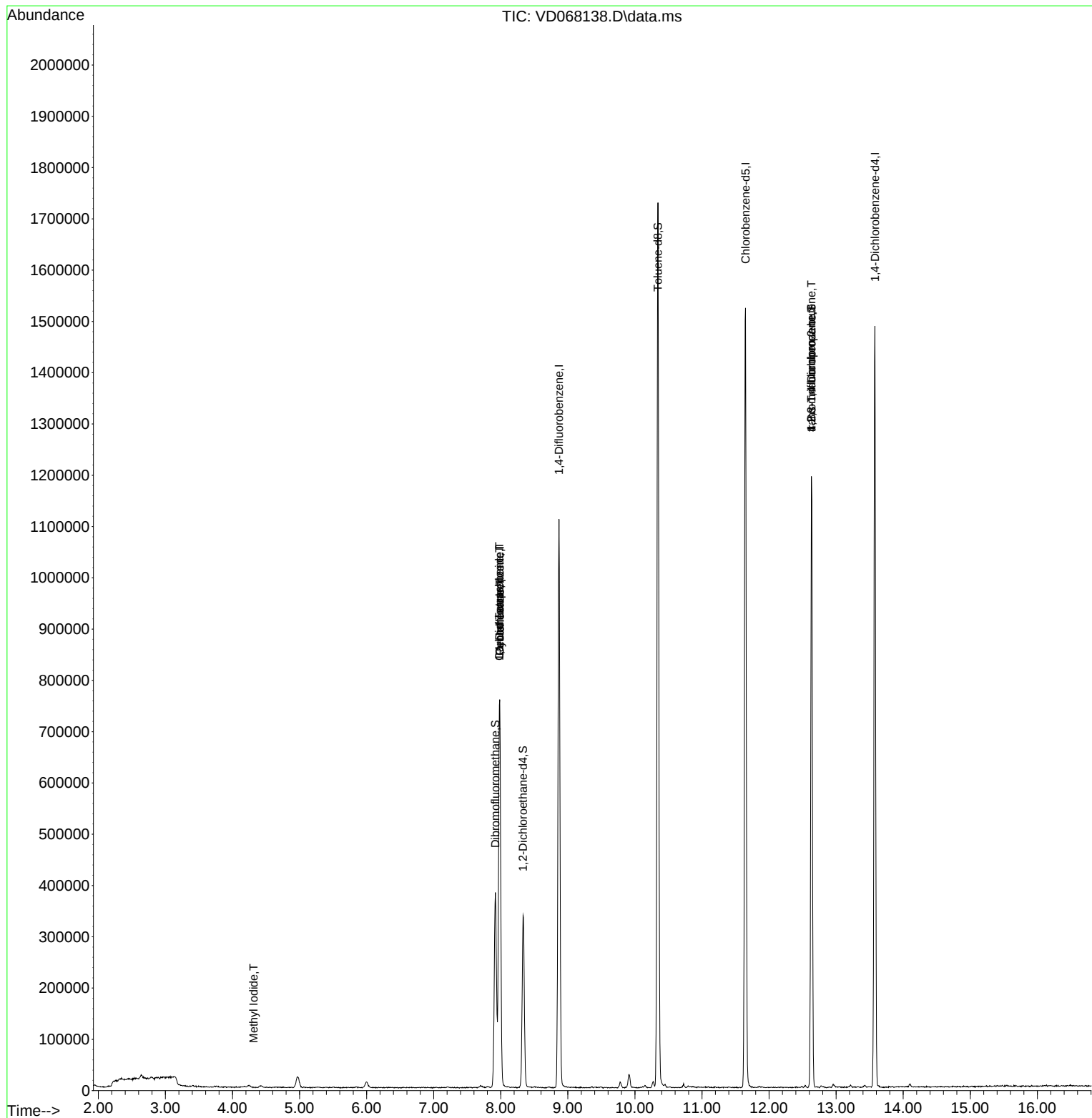
Internal Standards						
1) Pentafluorobenzene	7.985	168	583214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	979994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	913170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	399087	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	270418	48.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.94%
35) Dibromofluoromethane	7.920	113	276161	50.97	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.94%
50) Toluene-d8	10.344	98	1209448	55.81	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.62%
62) 4-Bromofluorobenzene	12.632	95	420347	53.86	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.72%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	67	3.17	ug/l #	38
11) Tert butyl alcohol	5.173	59	65	Below Cal	#	74
20) Methylene Chloride	4.967	84	18883	Below Cal	#	89
31) Cyclohexane	7.985	56	12420	1.03	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	47103	4.77	ug/l #	47
38) Carbon Tetrachloride	7.979	117	57848	6.25	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	215507	55.85	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	215507	113.01	ug/l #	13

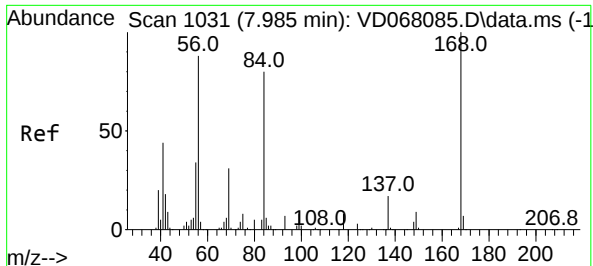
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PILE-2-(0.5-1.0)

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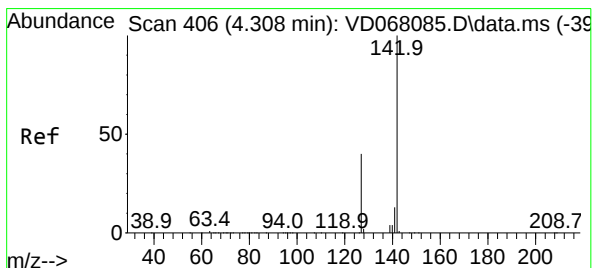
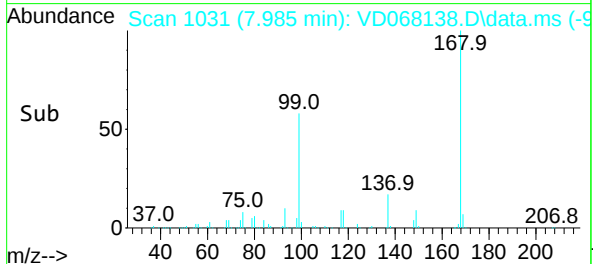
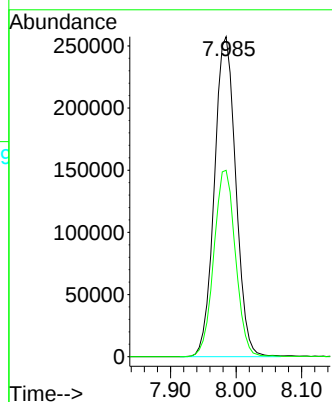
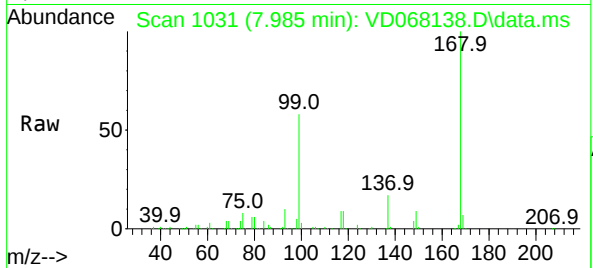




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

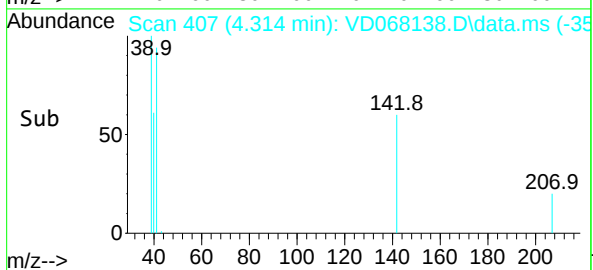
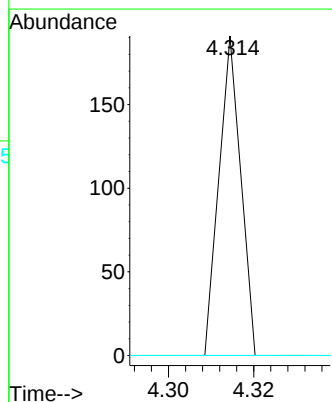
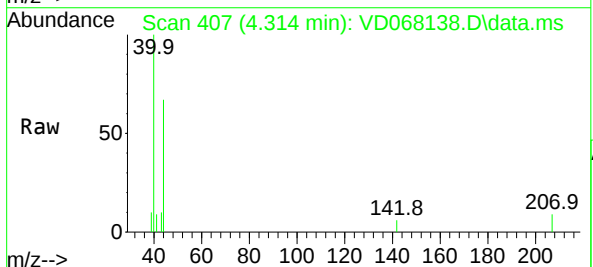
Instrument :
MSVOA_D
ClientSampleId :
PILE-2-(0.5-1.0)

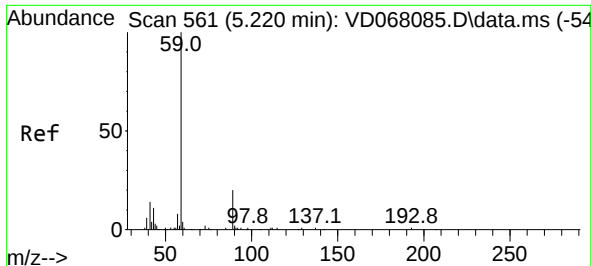
Tgt Ion:168 Resp: 583214
Ion Ratio Lower Upper
168 100
99 58.3 43.5 65.3



#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

Tgt Ion:142 Resp: 67
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

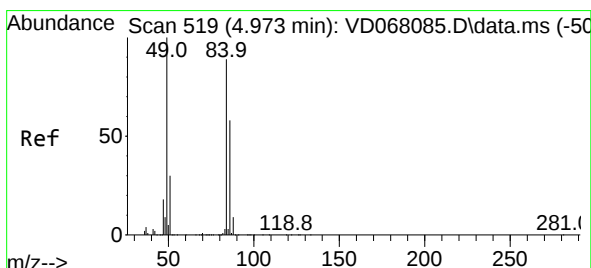
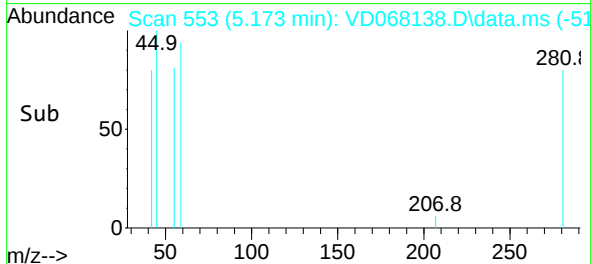
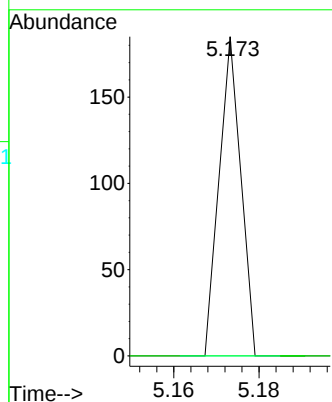
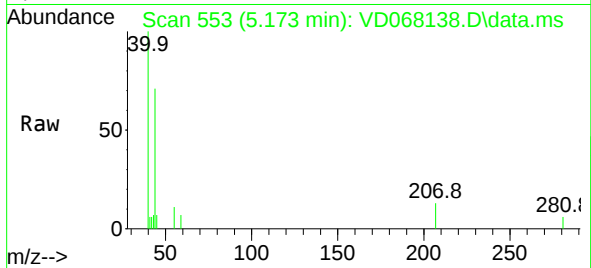




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 553
Delta R.T. -0.047 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

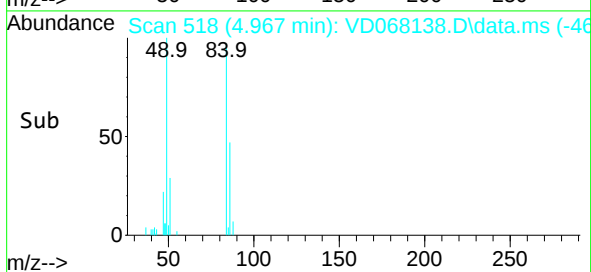
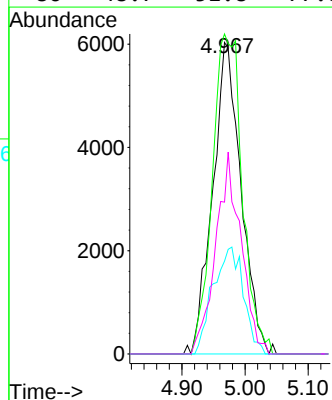
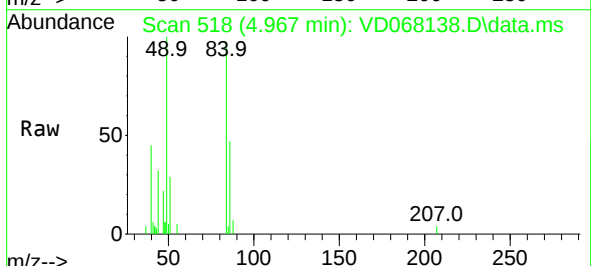
Instrument :
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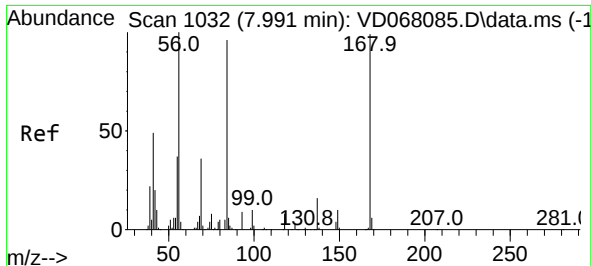
Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

Tgt Ion: 84 Resp: 18883
Ion Ratio Lower Upper
84 100
49 102.7 77.4 116.2
51 29.8 26.1 39.1
86 48.7 51.8 77.8#

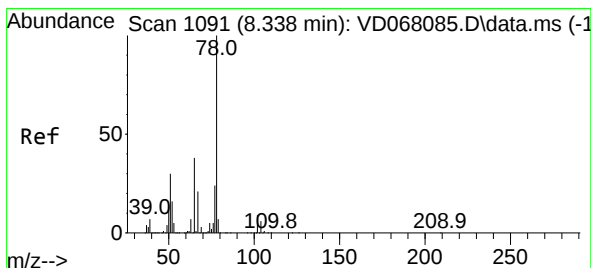
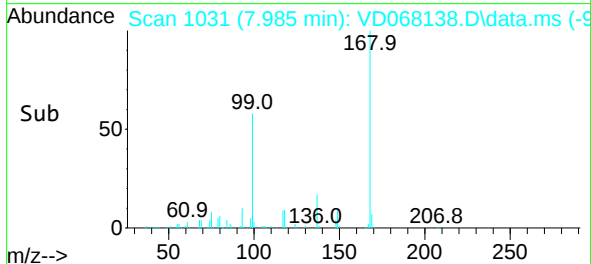
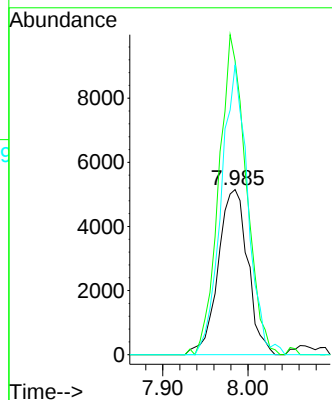
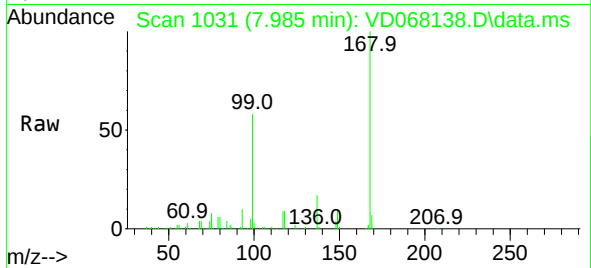




#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

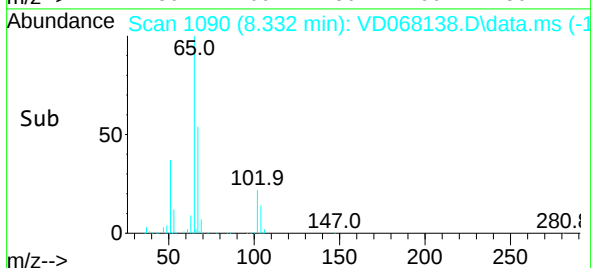
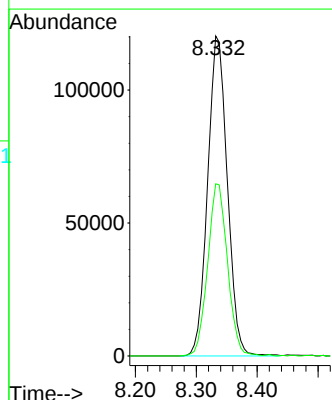
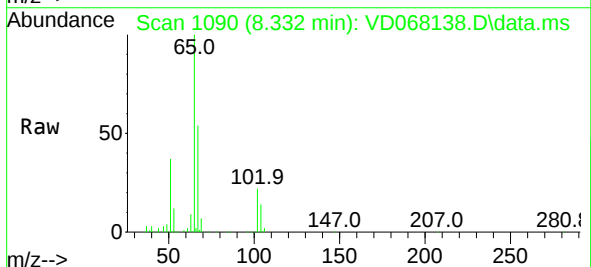
Instrument :
MSVOA_D
ClientSampleId :
PILE-2-(0.5-1.0)

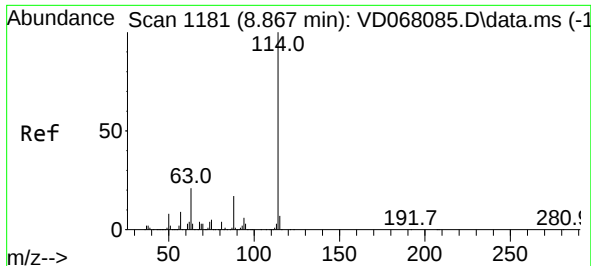
Tgt Ion: 56 Resp: 12420
Ion Ratio Lower Upper
56 100
69 178.0 30.1 45.1#
84 175.4 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 48.47 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

Tgt Ion: 65 Resp: 270418
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.0

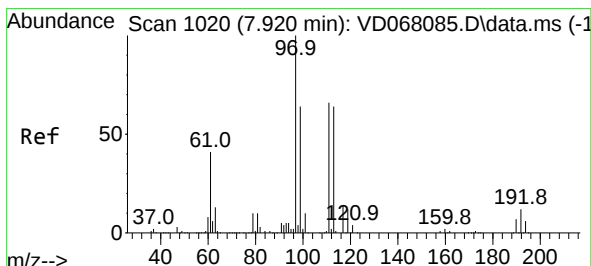
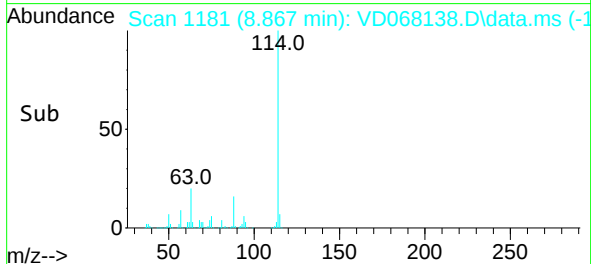
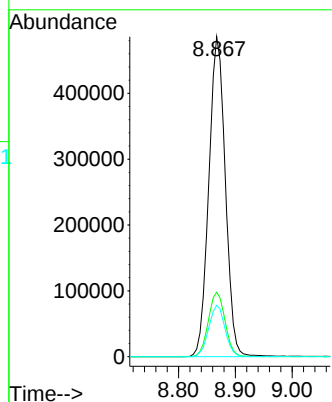
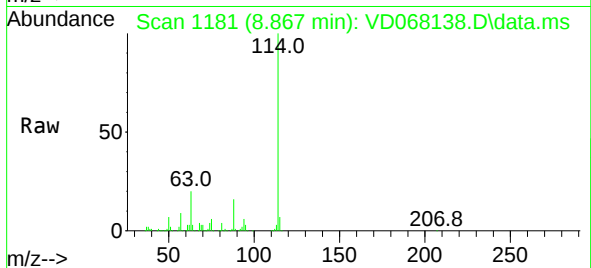




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

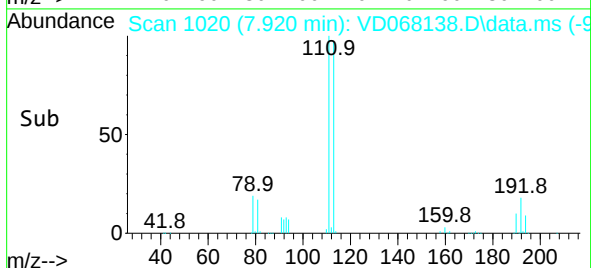
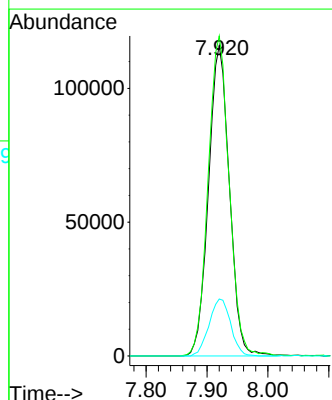
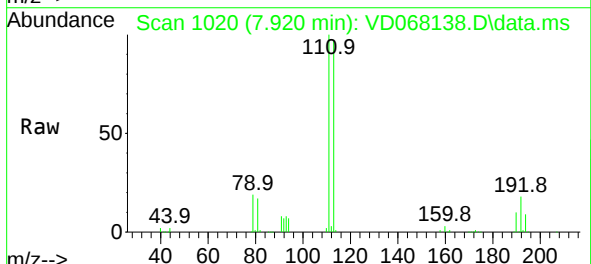
Instrument :
MSVOA_D
ClientSampleId :
PILE-2-(0.5-1.0)

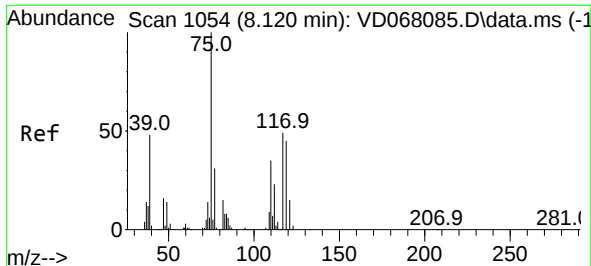
Tgt Ion:114 Resp: 979994
Ion Ratio Lower Upper
114 100
63 20.1 0.0 34.8
88 16.1 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.97 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

Tgt Ion:113 Resp: 276161
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.0
192 18.9 16.1 24.1

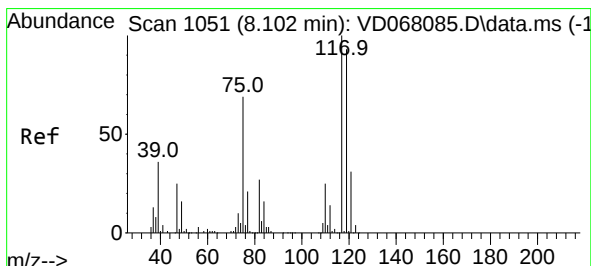
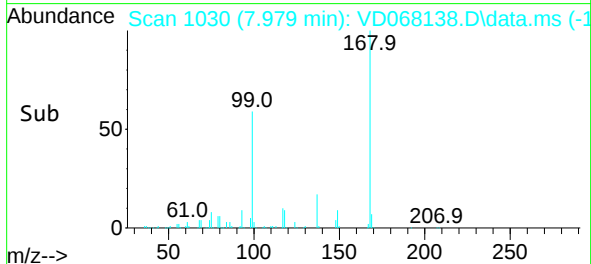
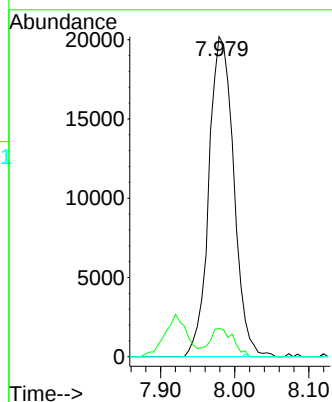
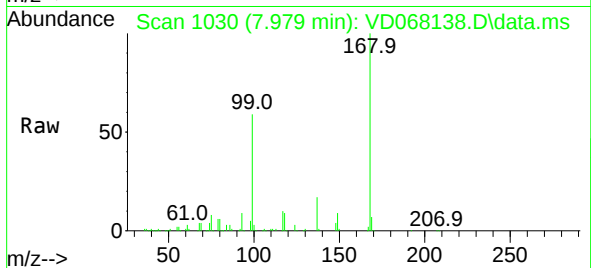




#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

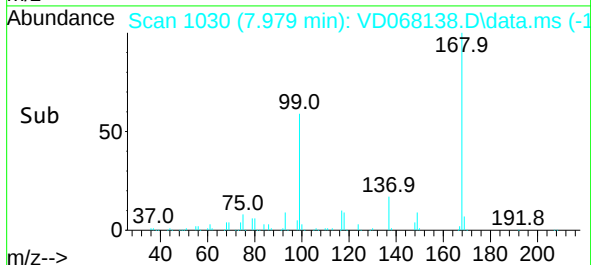
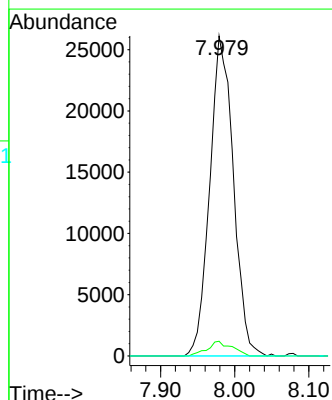
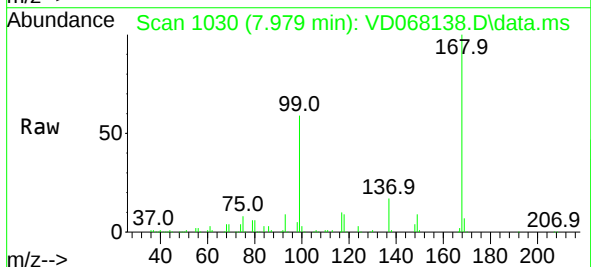
Instrument :
MSVOA_D
ClientSampleId :
PILE-2-(0.5-1.0)

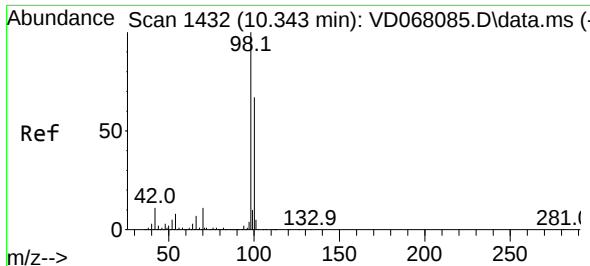
Tgt Ion: 75 Resp: 47103
Ion Ratio Lower Upper
75 100
110 8.2 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.25 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

Tgt Ion: 117 Resp: 57848
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.7 37.1#

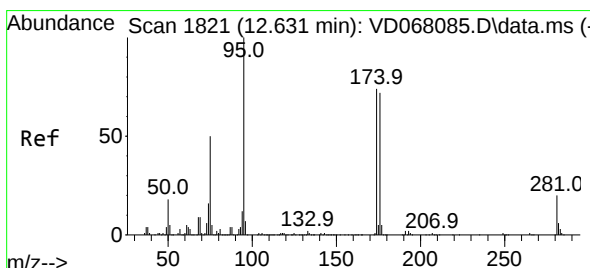
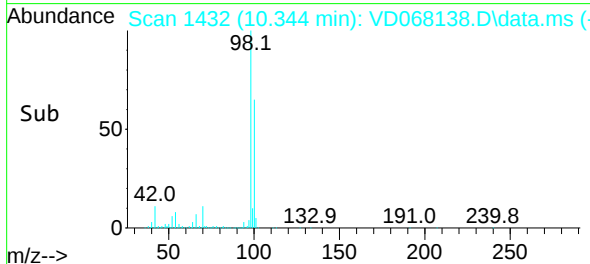
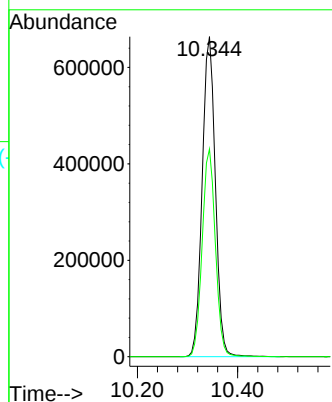
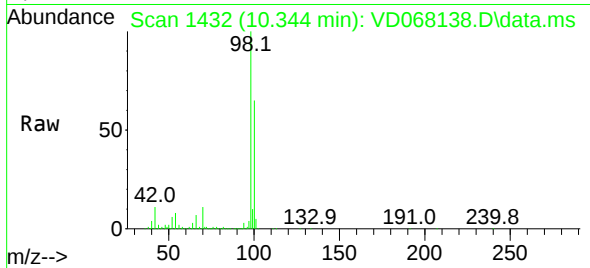




#50
Toluene-d8
Concen: 55.81 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

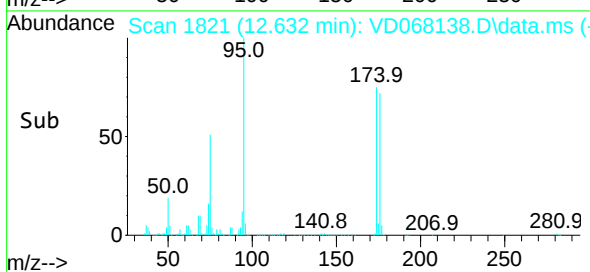
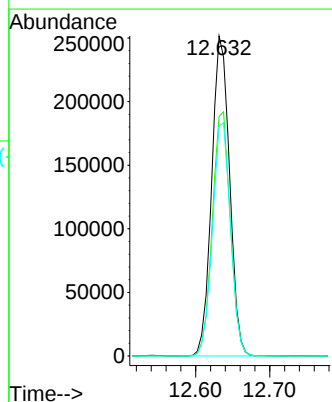
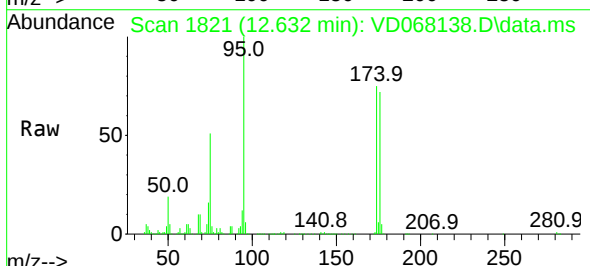
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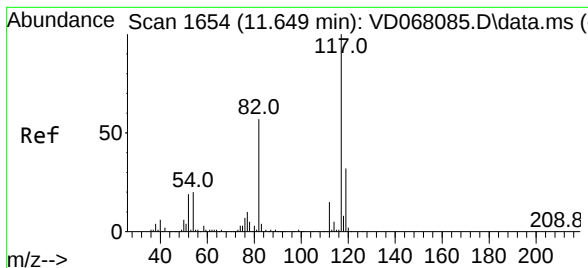
Tgt Ion: 98 Resp: 1209448
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.86 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

Tgt Ion: 95 Resp: 420347
Ion Ratio Lower Upper
95 100
174 76.9 0.0 172.4
176 73.7 0.0 168.4

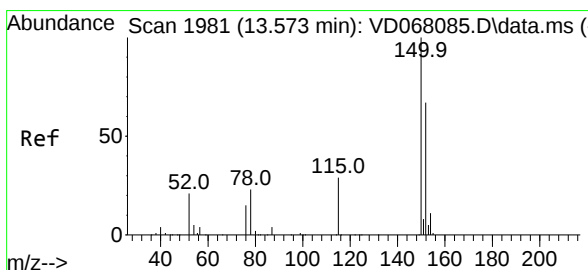
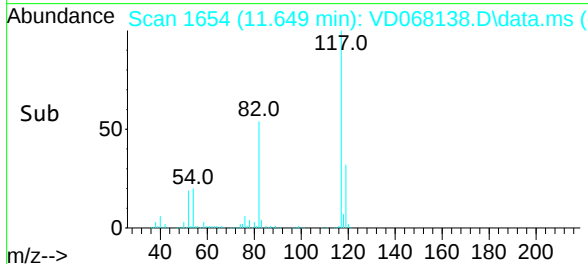
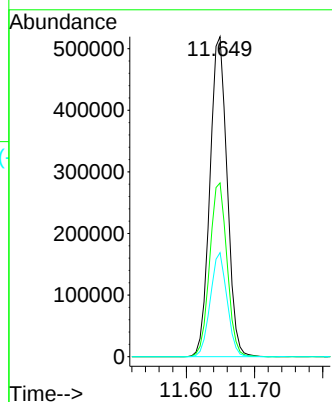
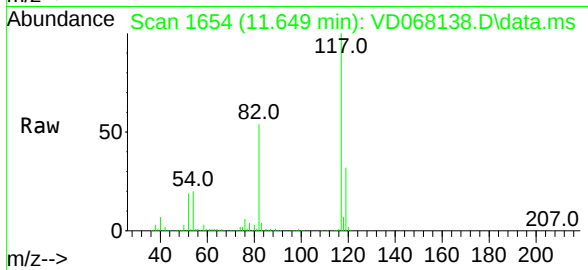




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

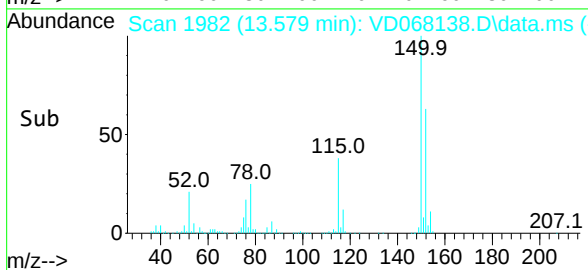
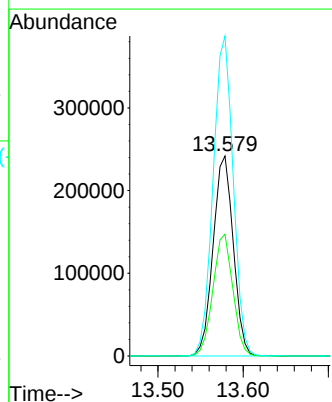
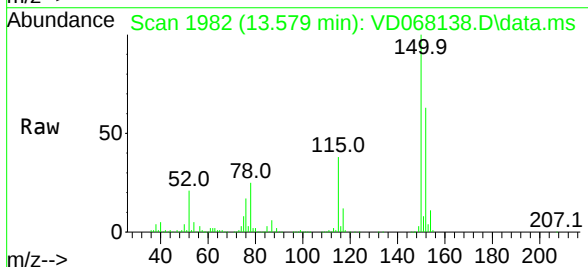
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PILE-2-(0.5-1.0)

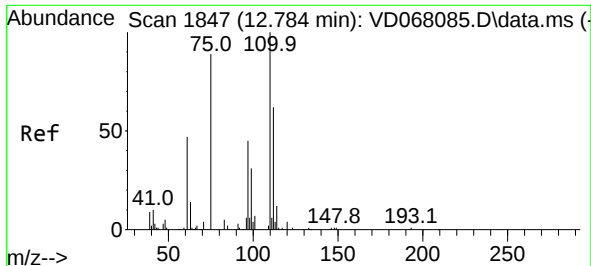
Tgt Ion:117 Resp: 913170
Ion Ratio Lower Upper
117 100
82 54.3 41.4 62.0
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

Tgt Ion:152 Resp: 399087
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.8
150 159.0 0.0 344.4

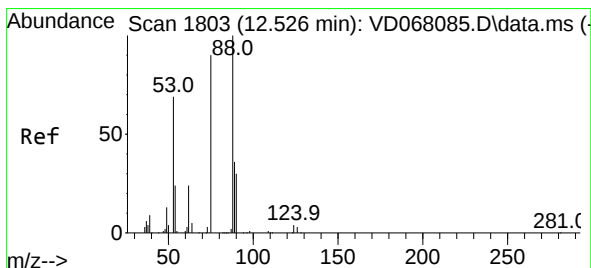
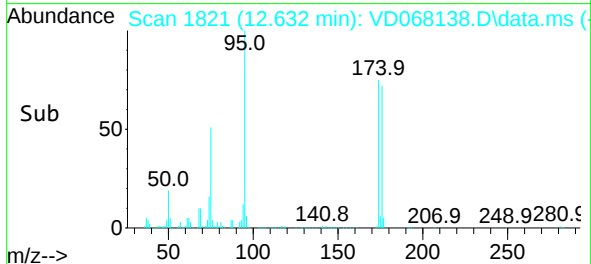
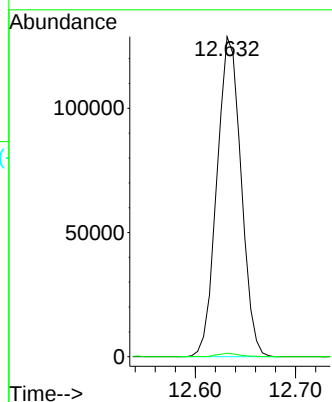
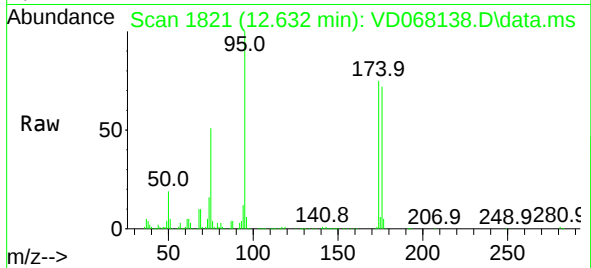




#76
1,2,3-Trichloropropane
Concen: 55.85 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

Instrument :
MSVOA_D
ClientSampleId :
PILE-2-(0.5-1.0)

Tgt Ion: 75 Resp: 215507
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.01 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068138.D
Acq: 21 Jan 2021 17:41

Tgt Ion: 75 Resp: 215507
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

