

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068074.D
 Acq On : 13 Jan 2021 17:01
 Operator : VA/SY
 Sample : M1123-02
 Misc : 5.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VW-SP

Quant Time: Jan 13 18:25:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:57:57 2021
 Response via : Initial Calibration

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

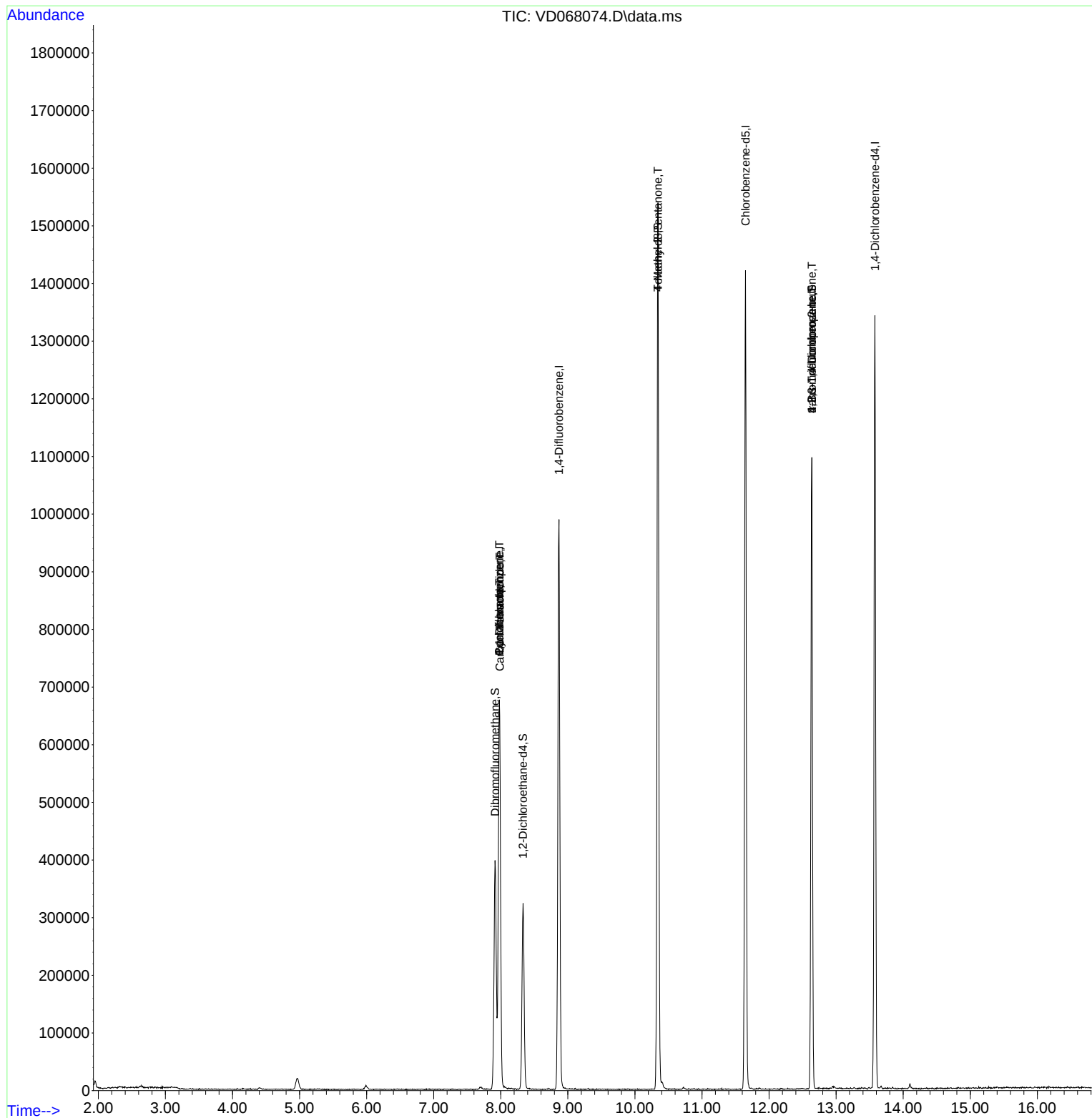
Internal Standards						
1) Pentafluorobenzene	7.979	168	540424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	906677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	880060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	381868	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	266615	58.02	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.04%			
35) Dibromofluoromethane	7.914	113	284239	55.00	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.00%			
50) Toluene-d8	10.344	98	1074544	56.41	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.82%			
62) 4-Bromofluorobenzene	12.638	95	370061	55.46	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.92%			
Target Compounds						
11) Tert butyl alcohol	5.232	59	122	Below Cal	#	74
20) Methylene Chloride	4.956	84	17174	Below Cal		90
31) Cyclohexane	7.979	56	10116	1.32 ug/l	#	22
36) 1,1-Dichloropropene	7.979	75	37414	4.70 ug/l	#	48
38) Carbon Tetrachloride	7.985	117	53365	5.62 ug/l	#	15
51) 4-Methyl-2-Pentanone	10.344	43	3927	1.71 ug/l	#	1
76) 1,2,3-Trichloropropane	12.638	75	176879	58.46 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.638	75	176879	131.17 ug/l	#	14

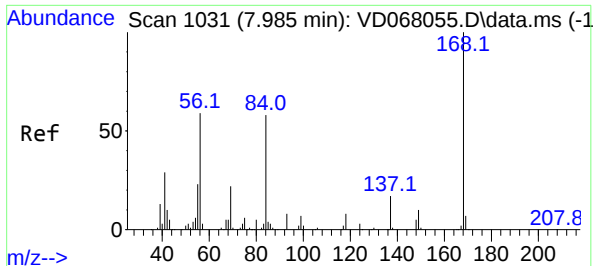
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
Data File : VD068074.D
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Operator : VA/SY
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Misc : 5.34G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VW-SP

Quant Time: Jan 13 18:25:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 13 03:57:57 2021
Response via : Initial Calibration

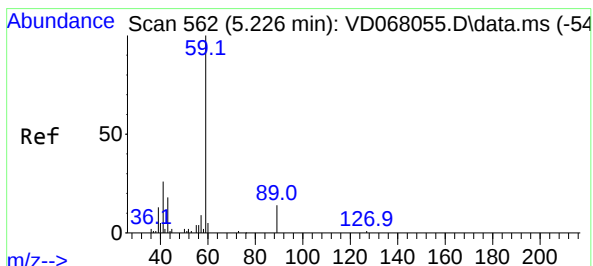
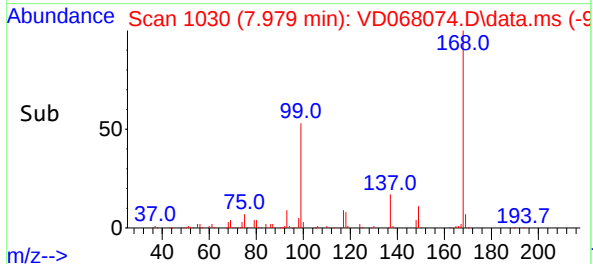
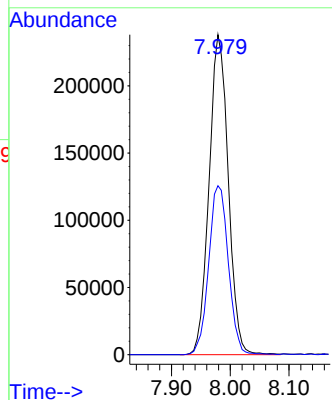
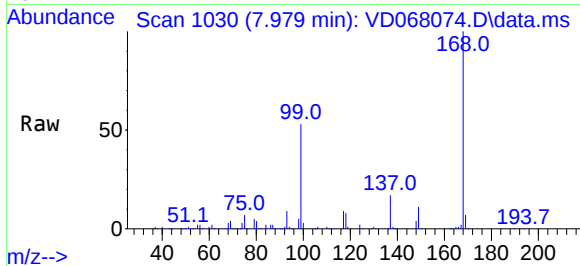




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068074.D
Acq: 13 Jan 2021 17:01

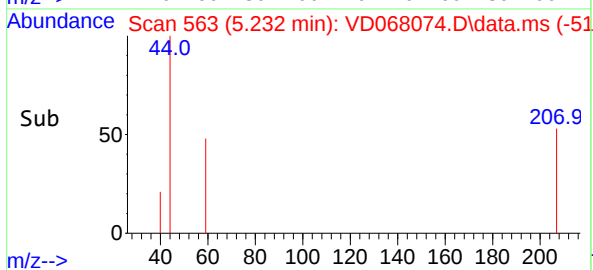
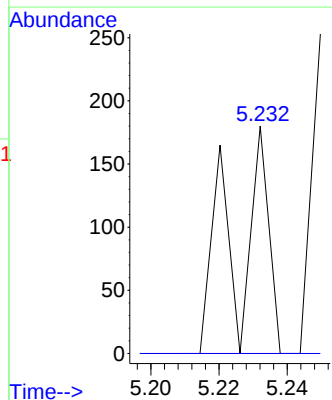
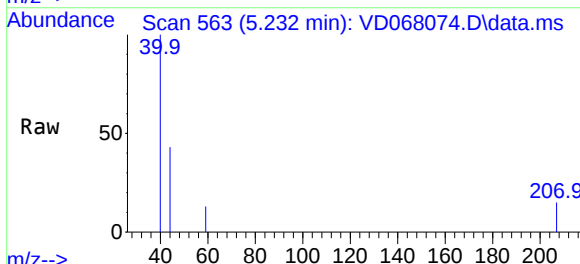
Instrument :
MSVOA_D
ClientSampled :
VW-SP

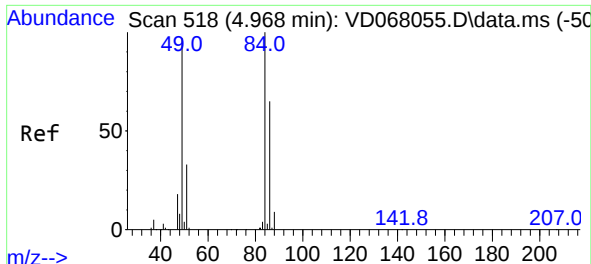
Tgt Ion:168 Resp: 540424
Ion Ratio Lower Upper
168 100
99 52.8 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD068074.D
Acq: 13 Jan 2021 17:01

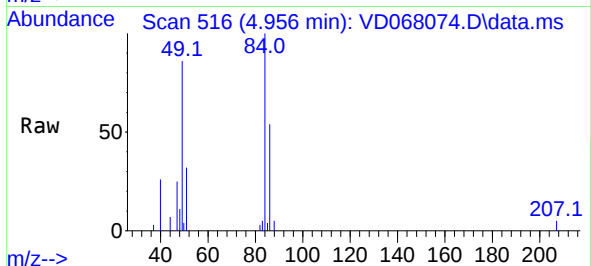
Tgt Ion: 59 Resp: 122
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



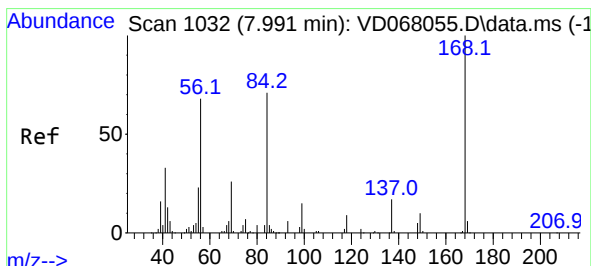
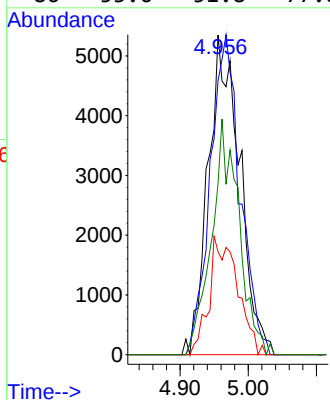
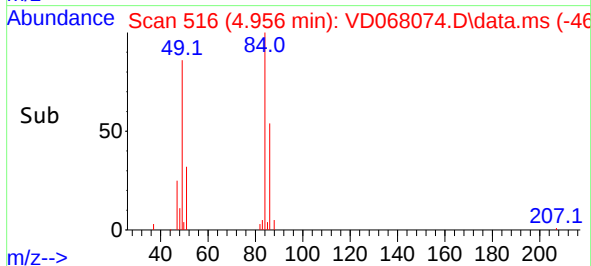


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD068074.D
Acq: 13 Jan 2021 17:01

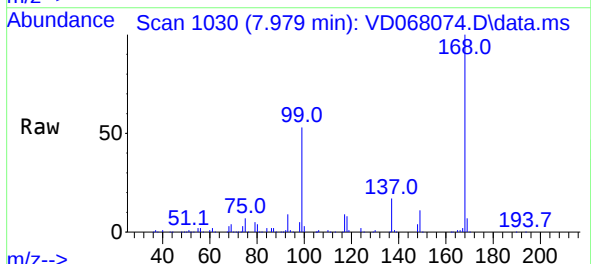
Instrument :
MSVOA_D
ClientSampleId :
VW-SP



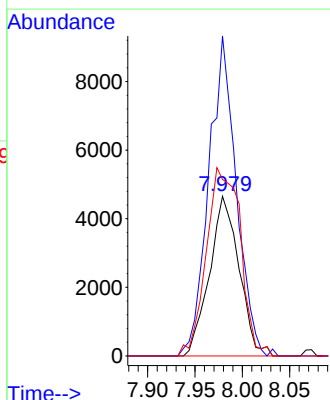
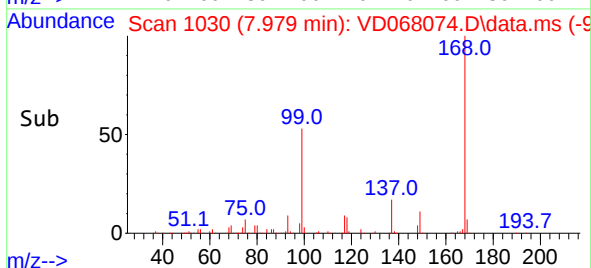
Tgt Ion:	84	Resp:	17174
Ion	Ratio	Lower	Upper
84	100		
49	85.8	77.4	116.2
51	32.2	26.1	39.1
86	53.6	51.8	77.8

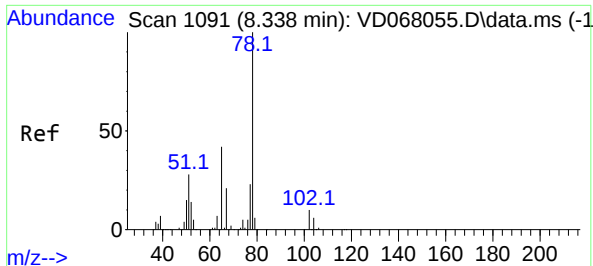


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068074.D
Acq: 13 Jan 2021 17:01



Tgt Ion:	56	Resp:	10116
Ion	Ratio	Lower	Upper
56	100		
69	200.4	30.1	45.1#
84	110.5	82.1	123.1

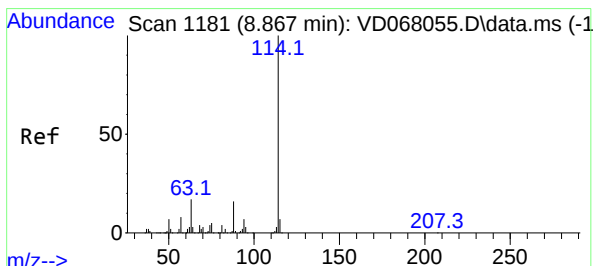
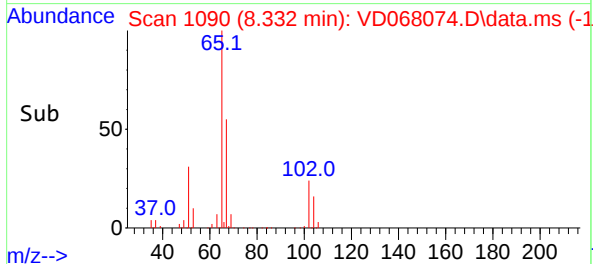
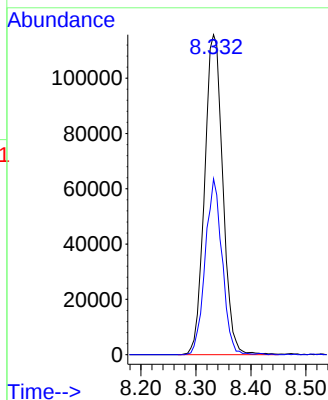
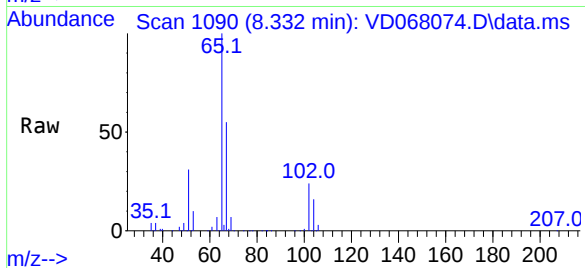




#33
1,2-Dichloroethane-d4
Concen: 58.02 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068074.D
Acq: 13 Jan 2021 17:01

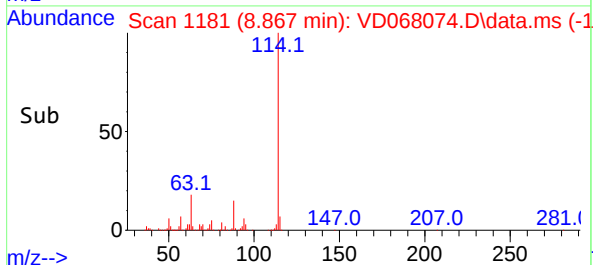
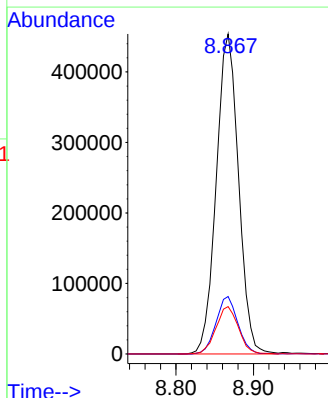
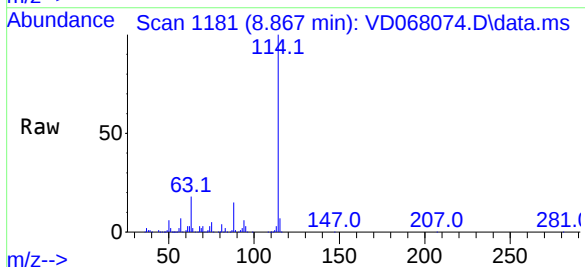
Instrument :
MSVOA_D
ClientSampled :
VW-SP

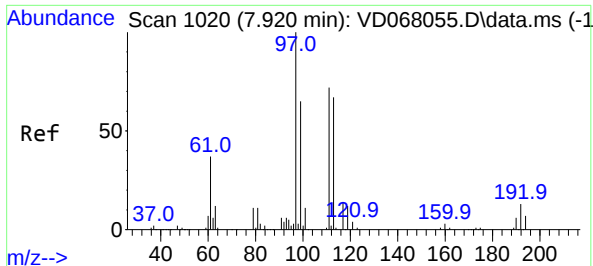
Tgt Ion: 65 Resp: 266615
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068074.D
Acq: 13 Jan 2021 17:01

Tgt Ion:114 Resp: 906677
Ion Ratio Lower Upper
114 100
63 17.9 0.0 34.8
88 14.8 0.0 31.6



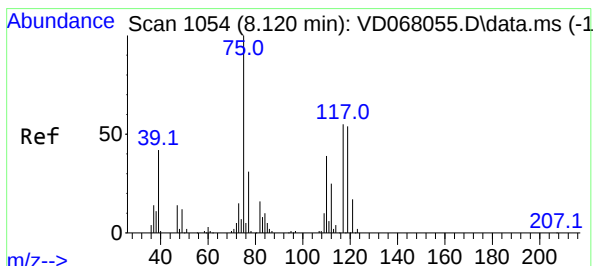
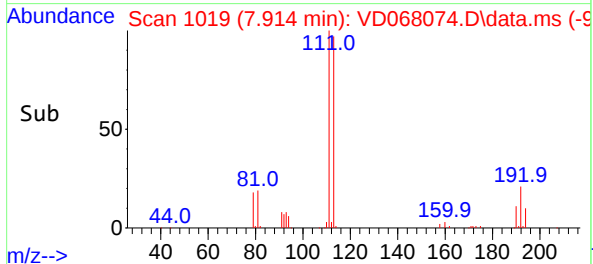
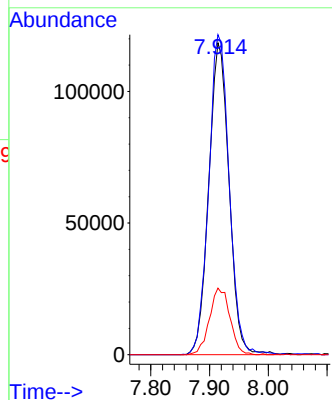
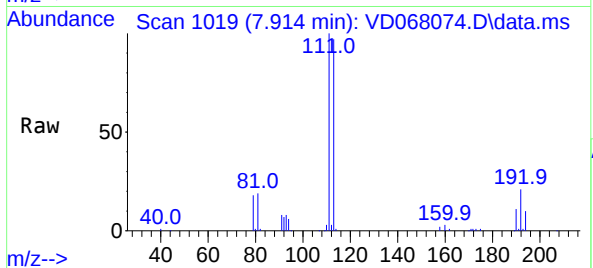


#35

Dibromofluoromethane
Concen: 55.00 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068074.D
Acq: 13 Jan 2021 17:01

Instrument :
MSVOA_D
ClientSampled :
VW-SP

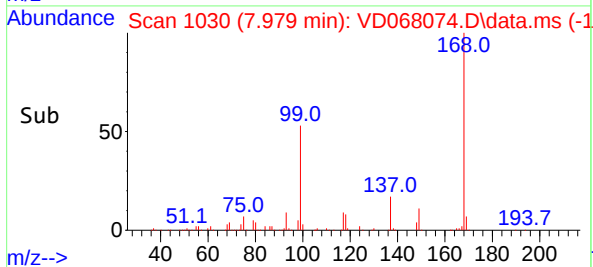
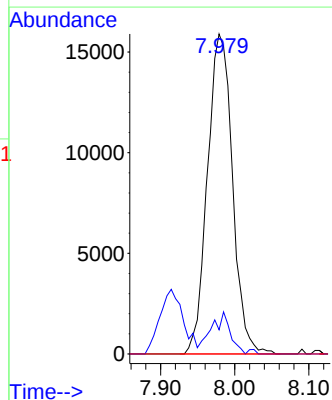
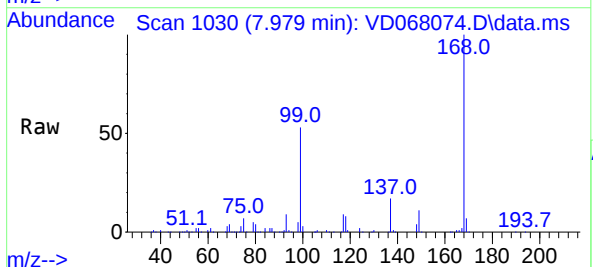
Tgt Ion:113 Resp: 284239
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 21.5 16.1 24.1

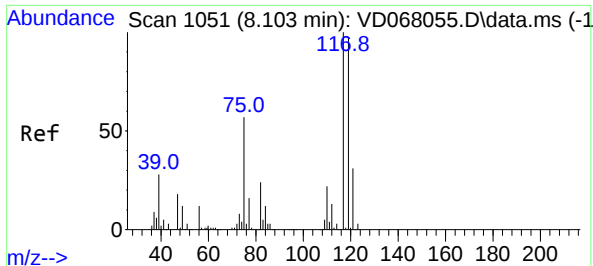


#36

1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068074.D
Acq: 13 Jan 2021 17:01

Tgt Ion: 75 Resp: 37414
Ion Ratio Lower Upper
75 100
110 10.0 19.4 58.2#
77 0.0 25.3 37.9#

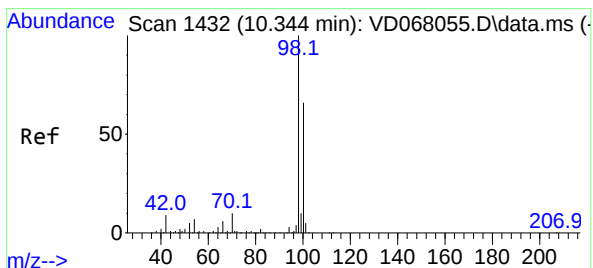
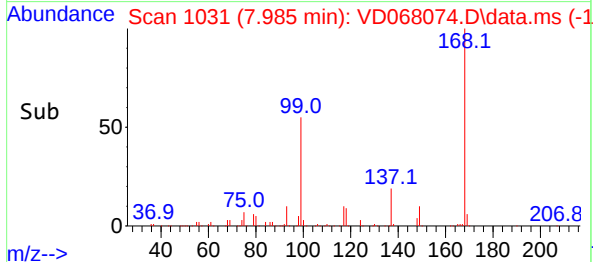
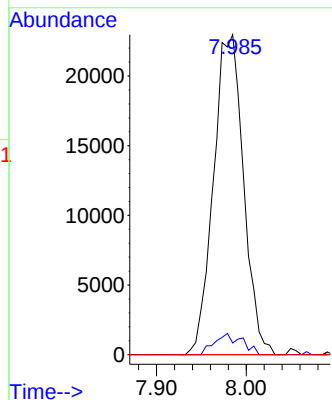
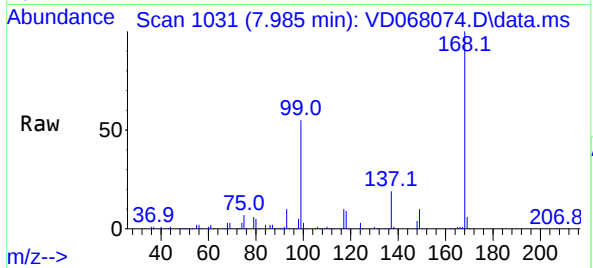




#38
Carbon Tetrachloride
Concen: 5.62 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD068074.D
Acq: 13 Jan 2021 17:01

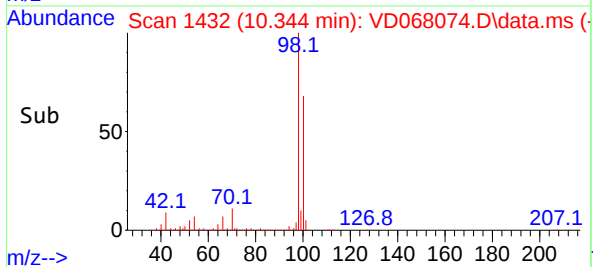
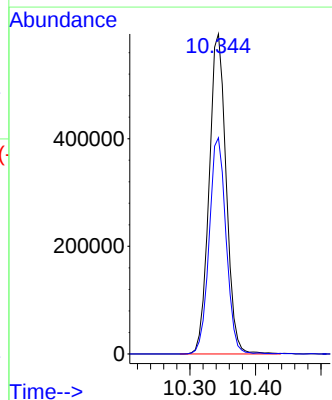
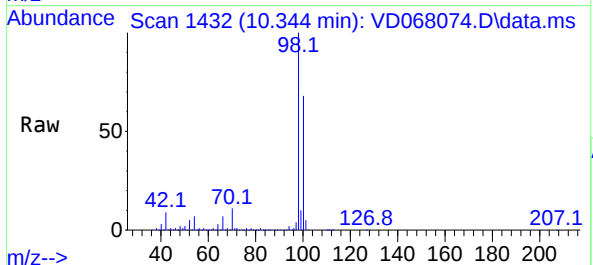
Instrument :
MSVOA_D
ClientSampled :
VW-SP

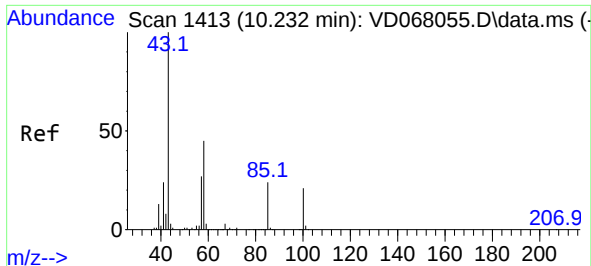
Tgt Ion:117 Resp: 53365
Ion Ratio Lower Upper
117 100
119 3.7 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.41 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068074.D
Acq: 13 Jan 2021 17:01

Tgt Ion: 98 Resp: 1074544
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4

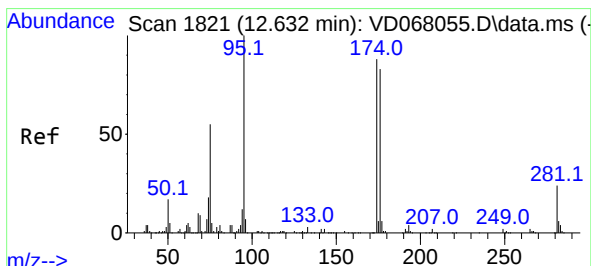
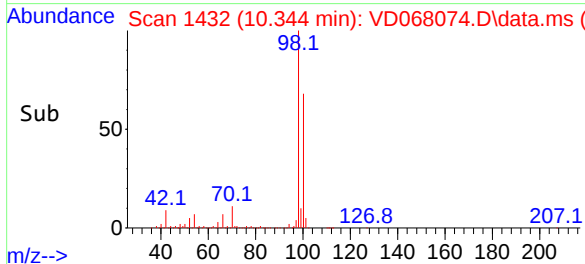
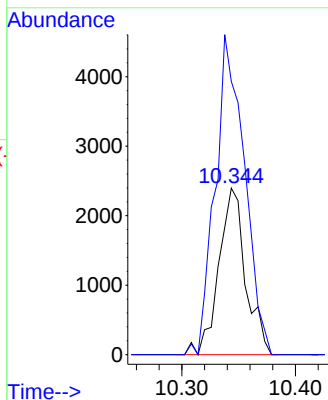
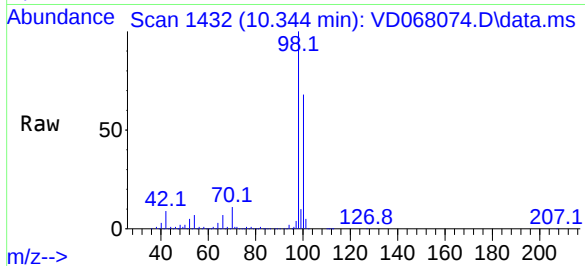




#51
4-Methyl-2-Pentanone
Concen: 1.71 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068074.D
Acq: 13 Jan 2021 17:01

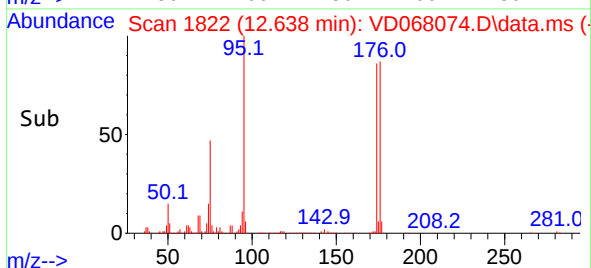
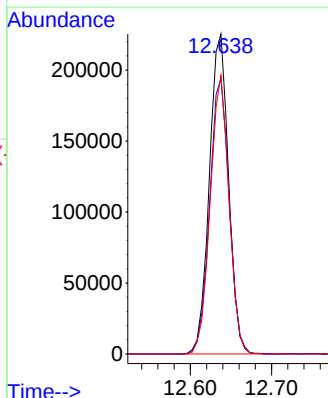
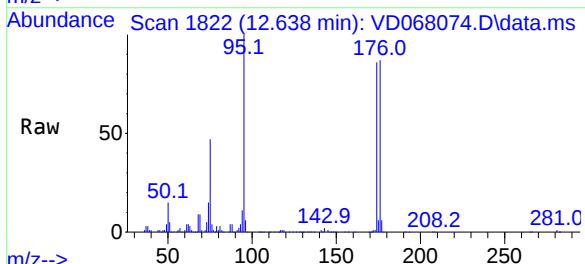
Instrument :
MSVOA_D
ClientSampled :
VW-SP

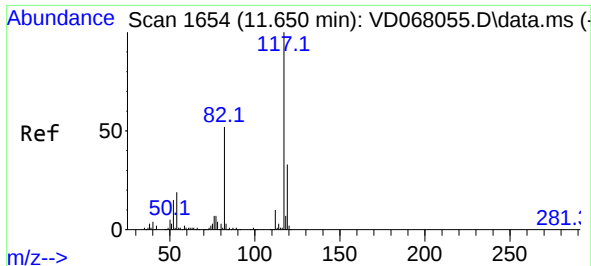
Tgt Ion: 43 Resp: 3927
Ion Ratio Lower Upper
43 100
58 209.8 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 55.46 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068074.D
Acq: 13 Jan 2021 17:01

Tgt Ion: 95 Resp: 370061
Ion Ratio Lower Upper
95 100
174 87.8 0.0 172.4
176 85.0 0.0 168.4

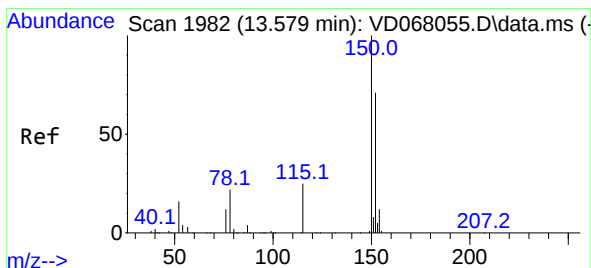
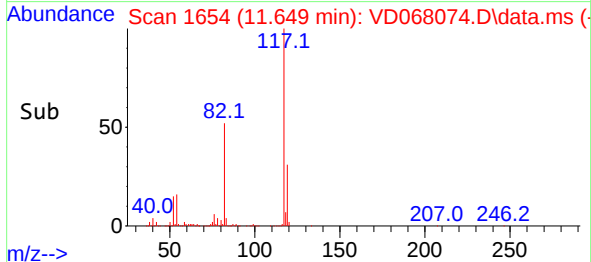
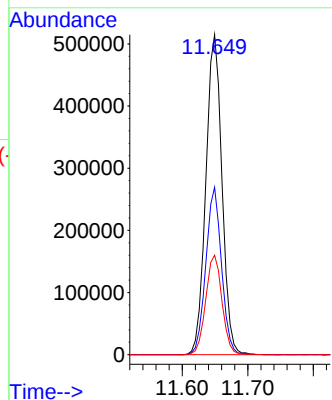
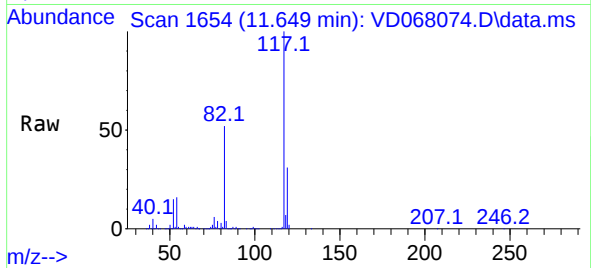




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068074.D
Acq: 13 Jan 2021 17:01

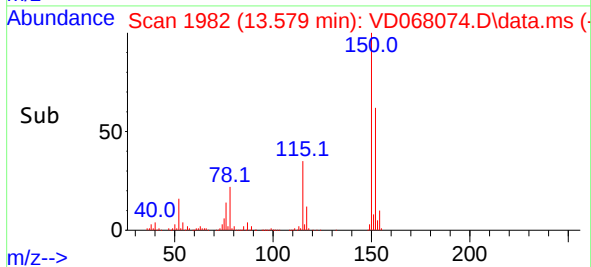
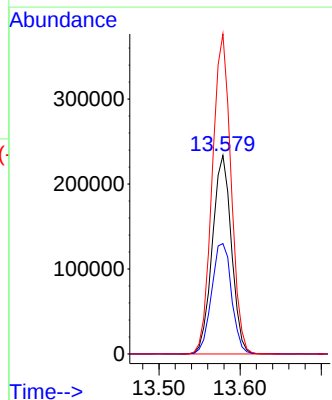
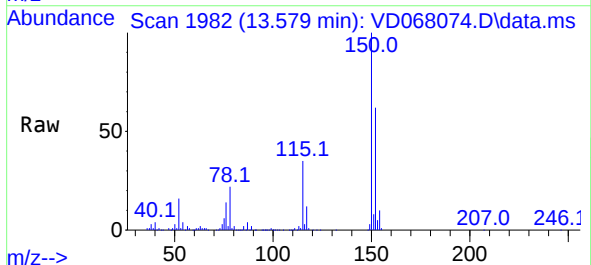
Instrument :
MSVOA_D
ClientSampleId :
VW-SP

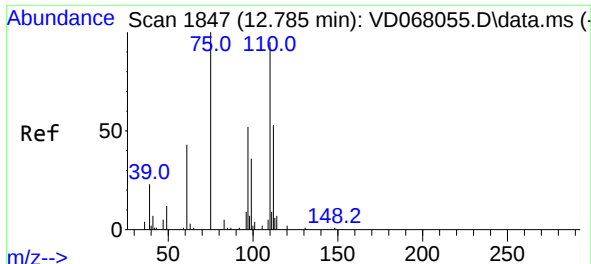
Tgt Ion:	117	Resp:	880060
Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.4	62.0
119	31.1	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD068074.D
Acq: 13 Jan 2021 17:01

Tgt Ion:	152	Resp:	381868
Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.9	86.8
150	158.2	0.0	344.4

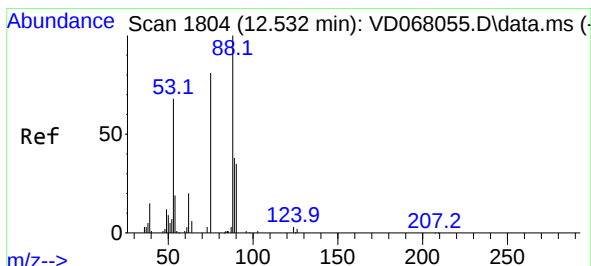
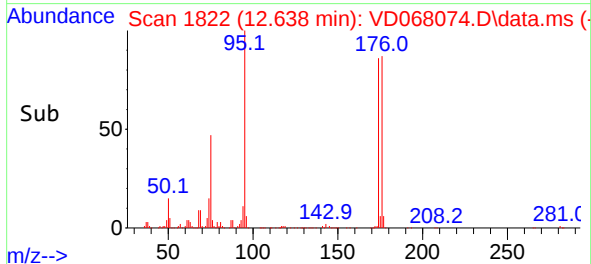
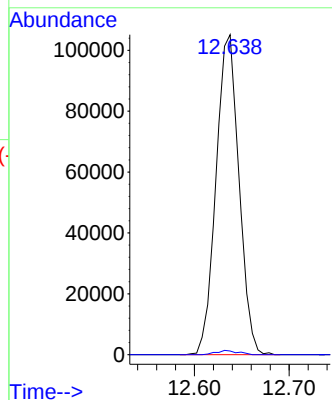
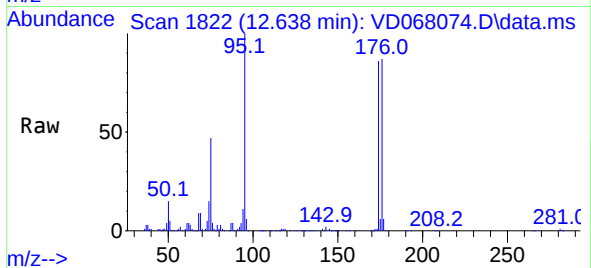




#76
1,2,3-Trichloropropane
Concen: 58.46 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. -0.147 min
Lab File: VD068074.D
Acq: 13 Jan 2021 17:01

Instrument :
MSVOA_D
ClientSampleId :
VW-SP

Tgt Ion: 75 Resp: 176879
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.17 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.106 min
Lab File: VD068074.D
Acq: 13 Jan 2021 17:01

Tgt Ion: 75 Resp: 176879
Ion Ratio Lower Upper
75 100
53 0.2 70.2 105.2#
89 0.2 40.3 60.5#

