

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
 Data File : VD068191.D
 Acq On : 26 Jan 2021 17:28
 Operator : VA/SY
 Sample : M1236-01
 Misc : 6.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 27 00:12:54 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)

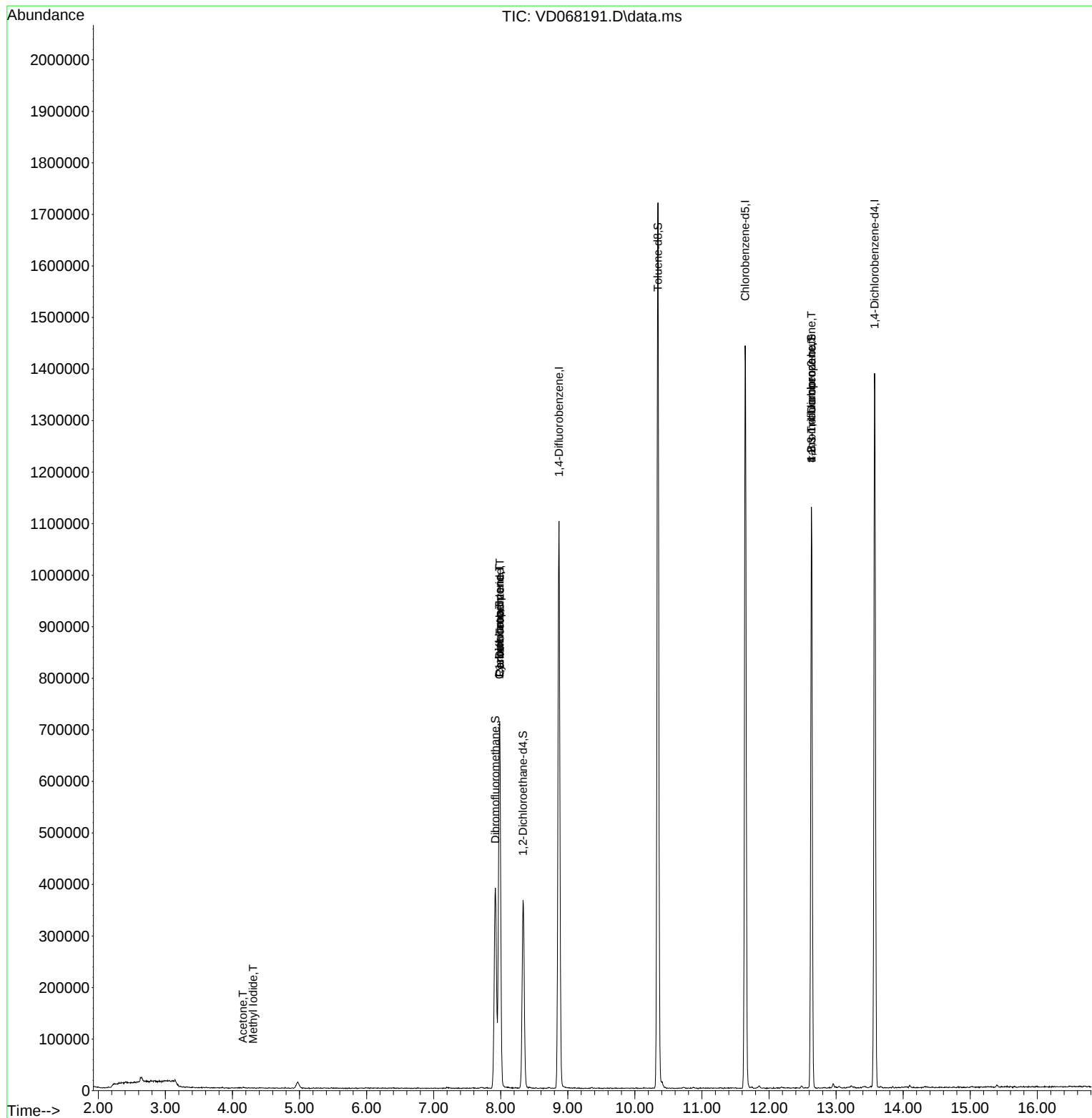
Internal Standards						
1) Pentafluorobenzene	7.985	168	550042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	971812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	860504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	381816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	294912	56.05	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.10%			
35) Dibromofluoromethane	7.920	113	287150	53.45	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.90%			
50) Toluene-d8	10.344	98	1200201	55.85	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.70%			
62) 4-Bromofluorobenzene	12.632	95	391571	50.60	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.20%			
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	140	3.18	ug/l #	38
16) Acetone	4.156	43	3051	3.25	ug/l #	87
20) Methylene Chloride	4.968	84	9422	Below Cal	#	91
31) Cyclohexane	7.979	56	11986	1.05	ug/l #	18
36) 1,1-Dichloropropene	7.979	75	44274	4.52	ug/l #	47
38) Carbon Tetrachloride	7.985	117	55783	6.08	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	196383	53.20	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	196383	107.64	ug/l #	13

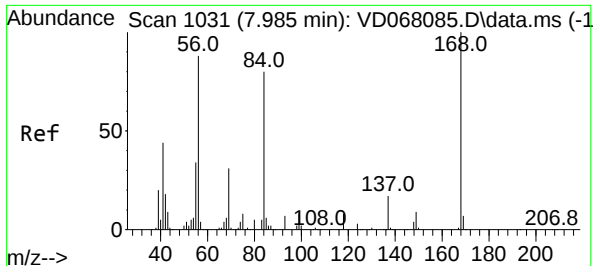
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
Data File : VD068191.D
Acq On : 26 Jan 2021 17:28
Operator : VA/SY
Sample : M1236-01
Misc : 6.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 27 00:12:54 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

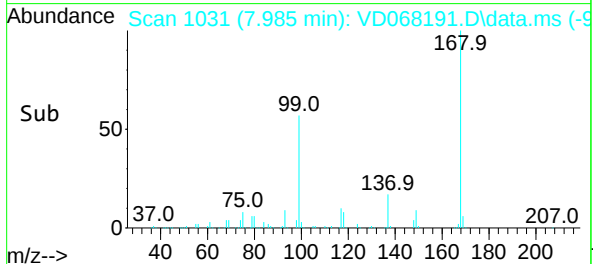
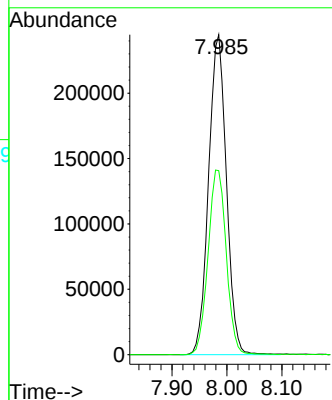
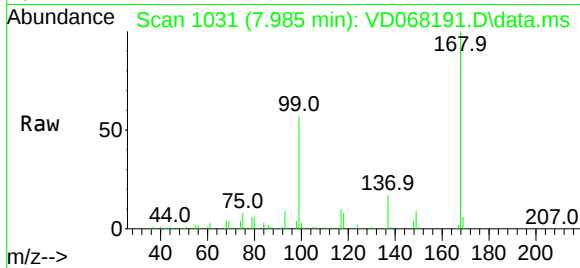




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068191.D
Acq: 26 Jan 2021 17:28

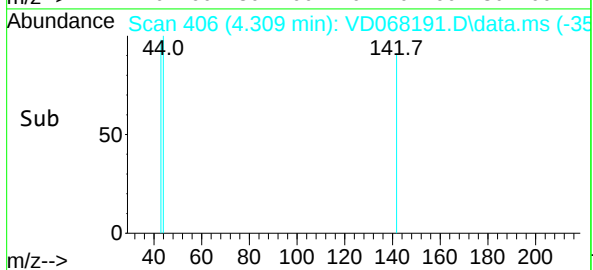
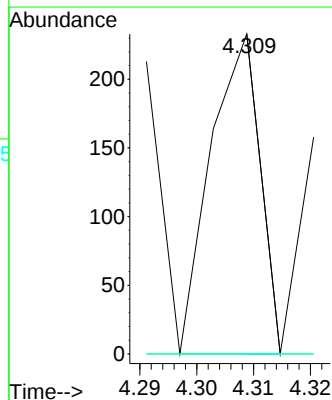
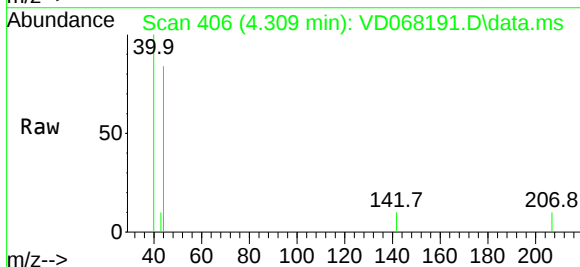
Instrument :
MSVOA_D
ClientSampled :

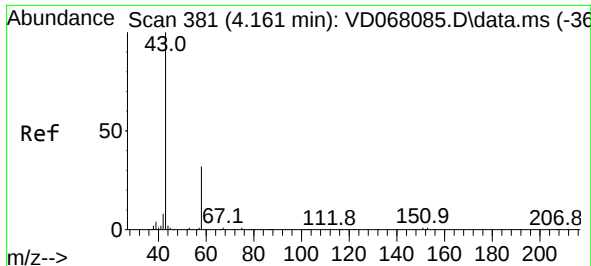
Tgt Ion:168 Resp: 550042
Ion Ratio Lower Upper
168 100
99 57.5 43.5 65.3



#10
Methyl Iodide
Concen: 3.18 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068191.D
Acq: 26 Jan 2021 17:28

Tgt Ion:142 Resp: 140
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

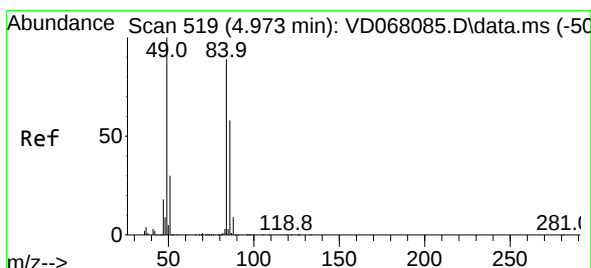
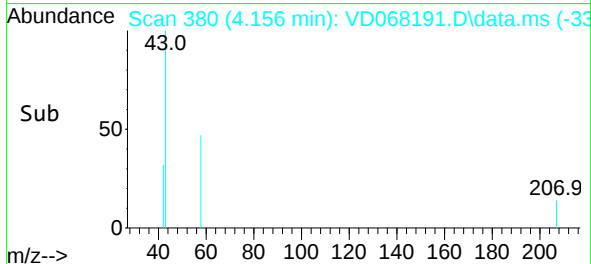
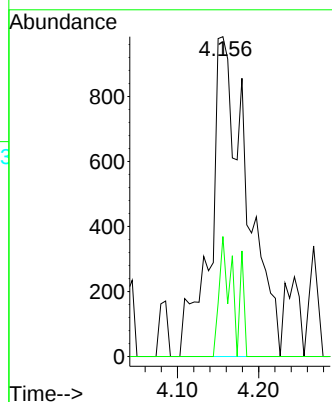
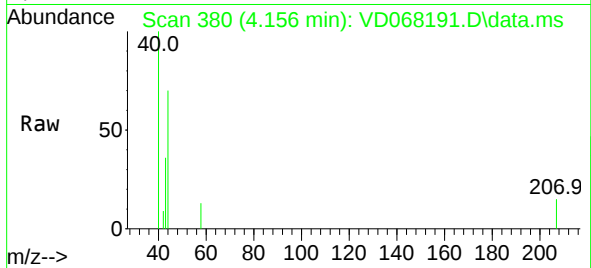




#16
Acetone
Concen: 3.25 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068191.D
Acq: 26 Jan 2021 17:28

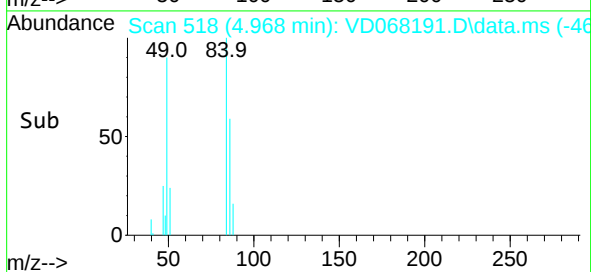
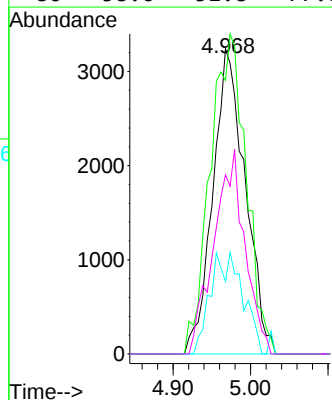
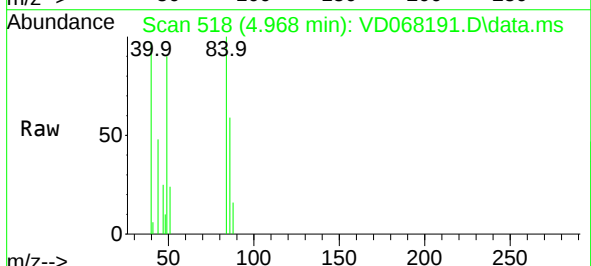
Instrument :
MSVOA_D
ClientSampleId :

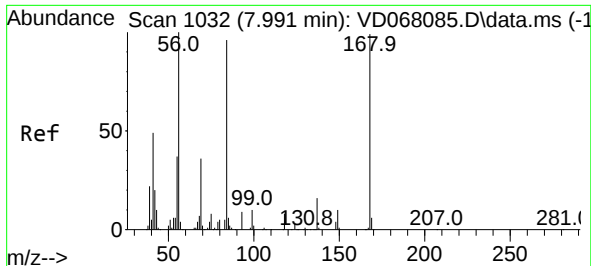
Tgt Ion: 43 Resp: 3051
Ion Ratio Lower Upper
43 100
58 37.5 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068191.D
Acq: 26 Jan 2021 17:28

Tgt Ion: 84 Resp: 9422
Ion Ratio Lower Upper
84 100
49 89.6 77.4 116.2
51 23.8 26.1 39.1#
86 58.6 51.8 77.8

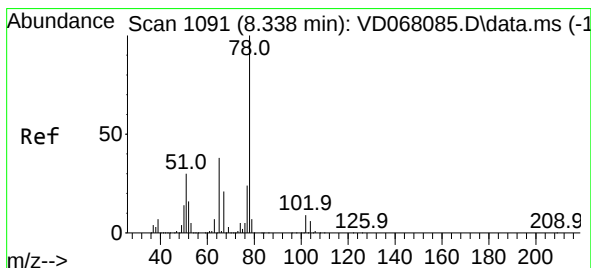
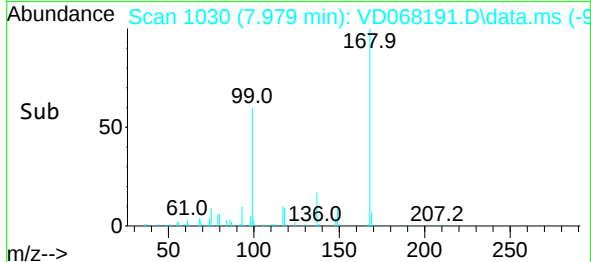
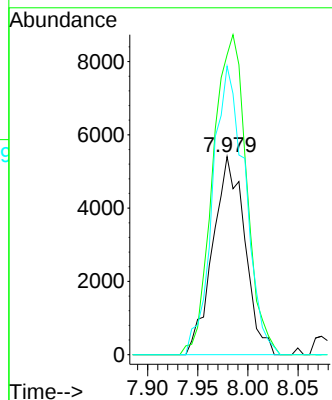
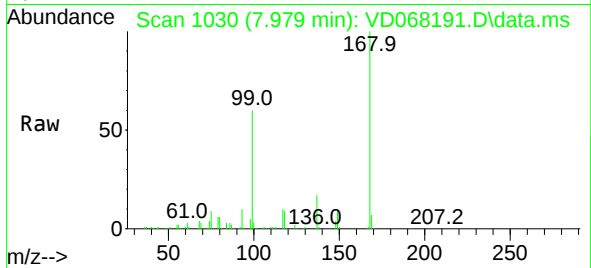




#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068191.D
Acq: 26 Jan 2021 17:28

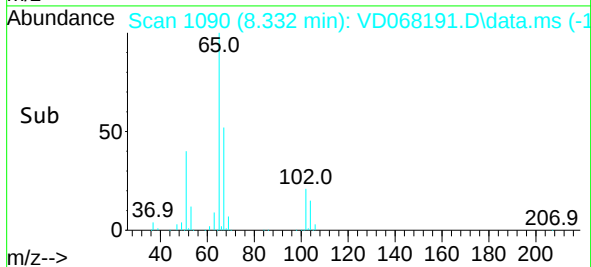
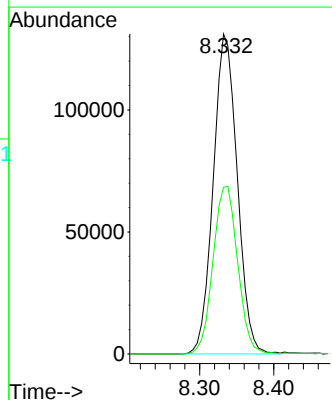
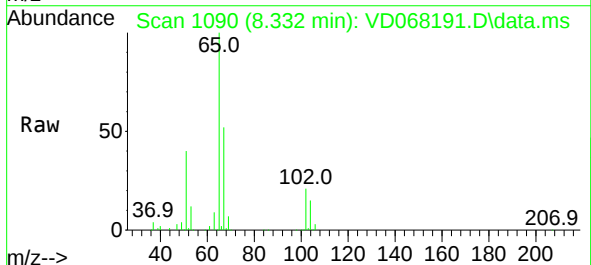
Instrument :
MSVOA_D
ClientSampled :

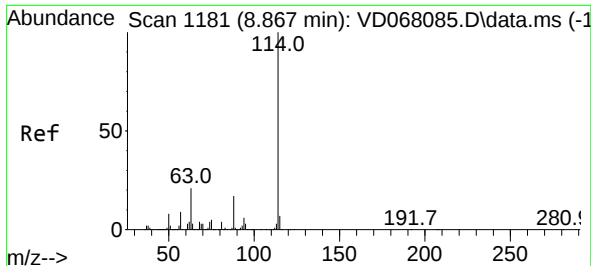
Tgt Ion: 56 Resp: 11986
Ion Ratio Lower Upper
56 100
69 151.3 30.1 45.1#
84 145.6 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 56.05 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.005 min
Lab File: VD068191.D
Acq: 26 Jan 2021 17:28

Tgt Ion: 65 Resp: 294912
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.0

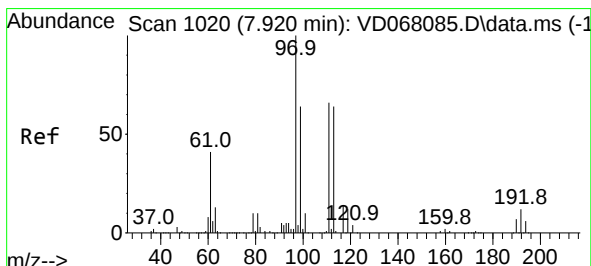
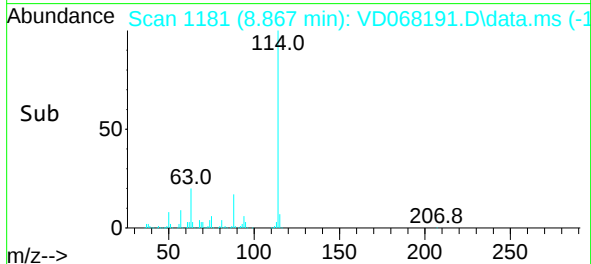
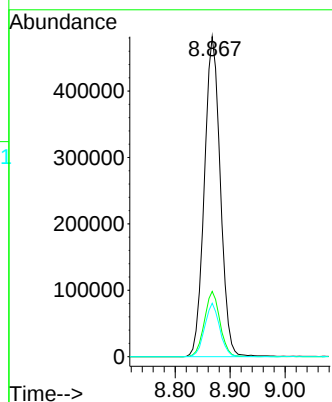
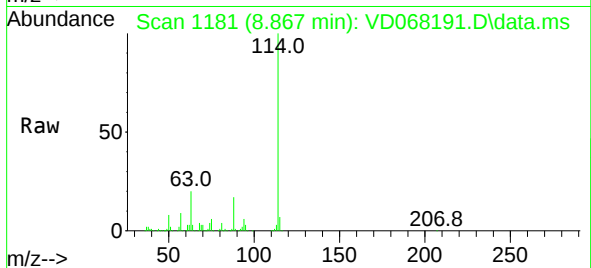




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068191.D
Acq: 26 Jan 2021 17:28

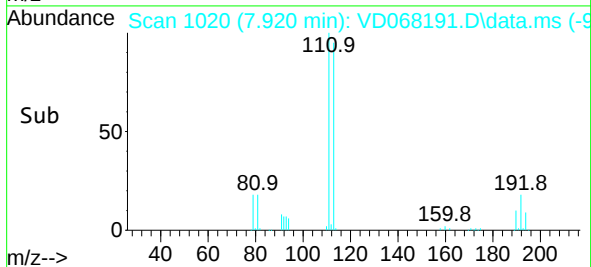
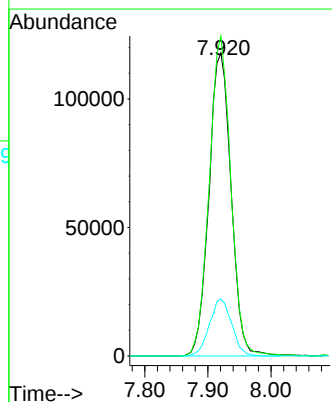
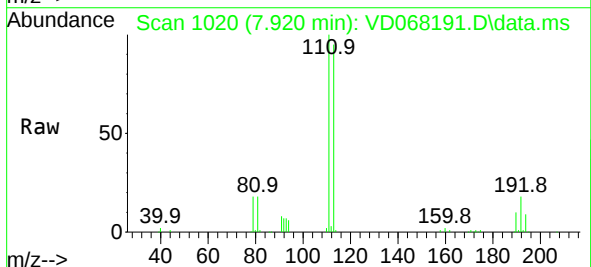
Instrument :
MSVOA_D
ClientSampled :

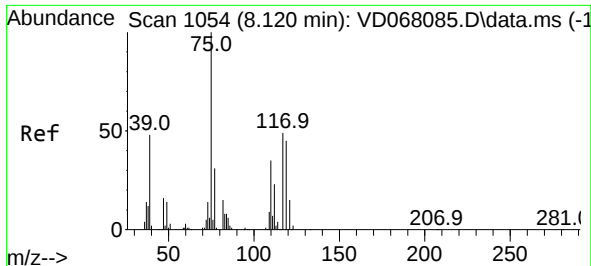
Tgt Ion:114 Resp: 971812
Ion Ratio Lower Upper
114 100
63 20.4 0.0 34.8
88 16.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 53.45 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068191.D
Acq: 26 Jan 2021 17:28

Tgt Ion:113 Resp: 287150
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 18.9 16.1 24.1

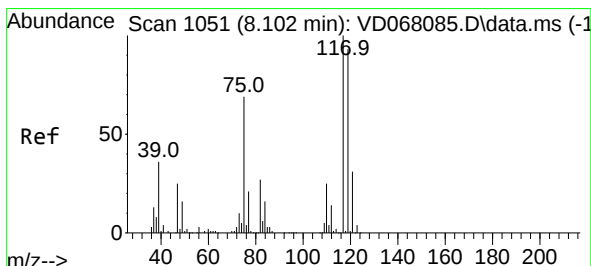
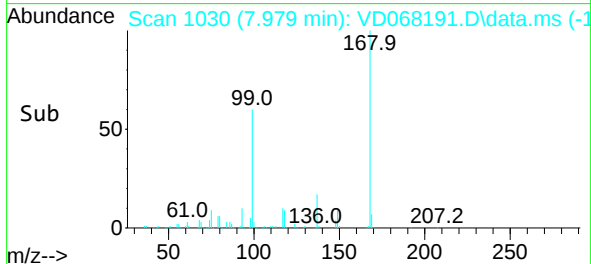
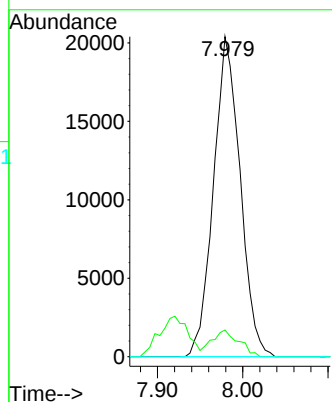
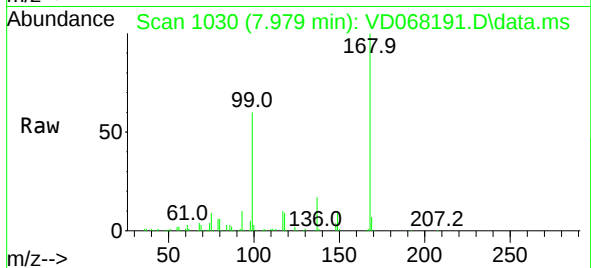




#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068191.D
Acq: 26 Jan 2021 17:28

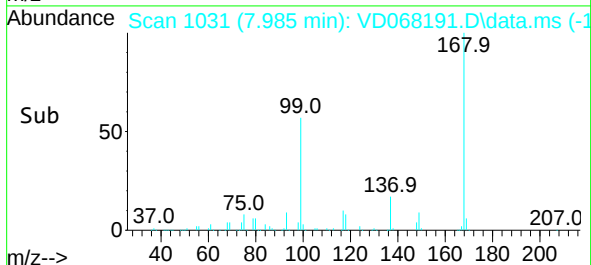
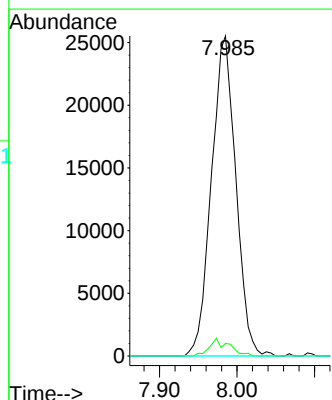
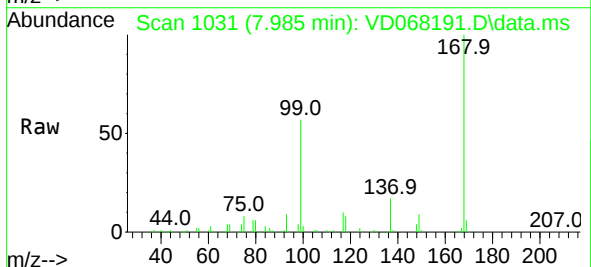
Instrument :
MSVOA_D
ClientSampled :

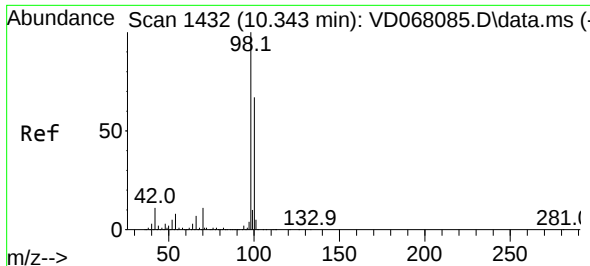
Tgt Ion: 75 Resp: 44274
Ion Ratio Lower Upper
75 100
110 8.5 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.08 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068191.D
Acq: 26 Jan 2021 17:28

Tgt Ion: 117 Resp: 55783
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.7 37.1#

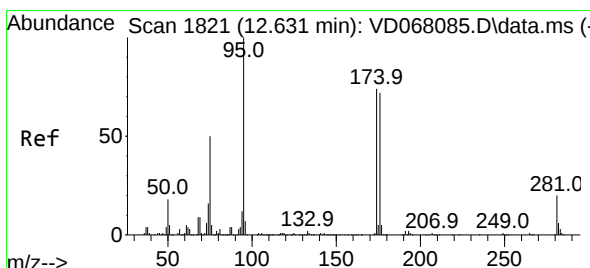
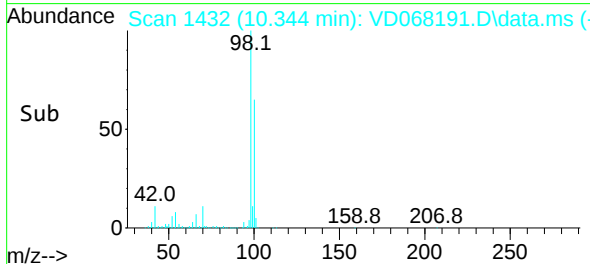
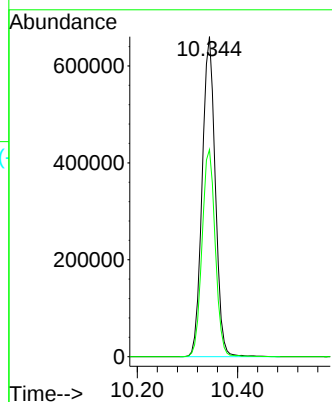
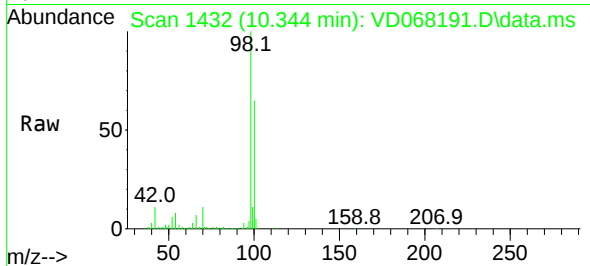




#50
Toluene-d8
Concen: 55.85 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068191.D
Acq: 26 Jan 2021 17:28

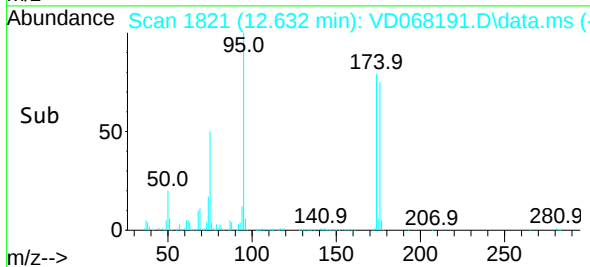
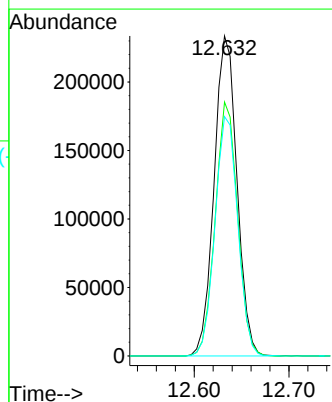
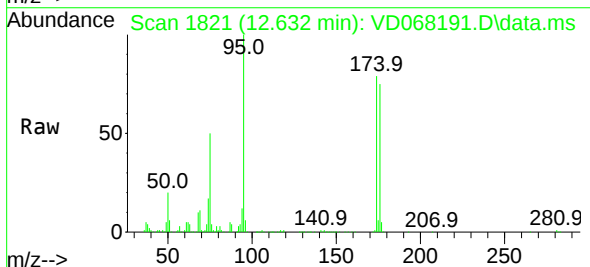
Instrument :
MSVOA_D
ClientSampleId :

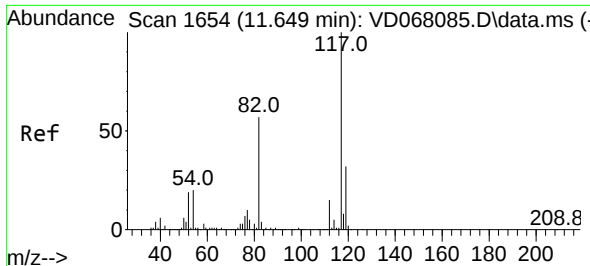
Tgt Ion: 98 Resp: 1200201
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068191.D
Acq: 26 Jan 2021 17:28

Tgt Ion: 95 Resp: 391571
Ion Ratio Lower Upper
95 100
174 77.7 0.0 172.4
176 74.7 0.0 168.4

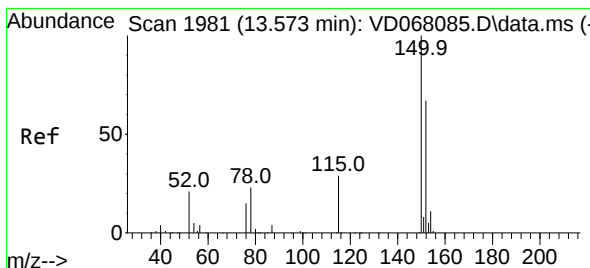
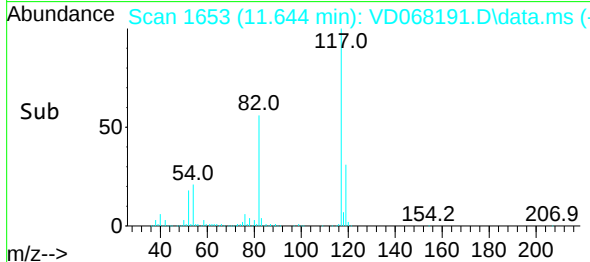
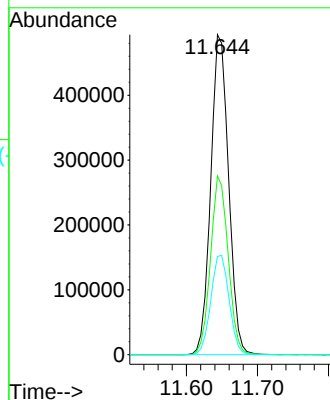
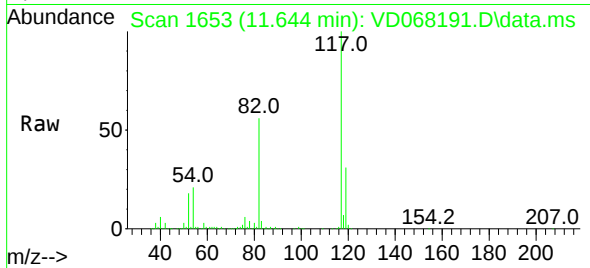




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068191.D
Acq: 26 Jan 2021 17:28

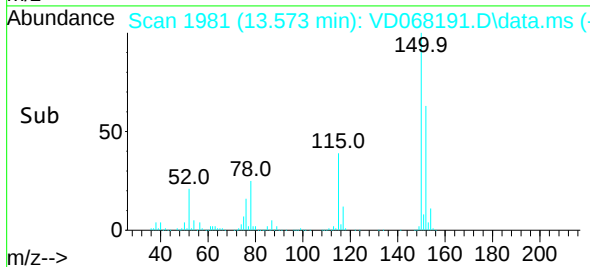
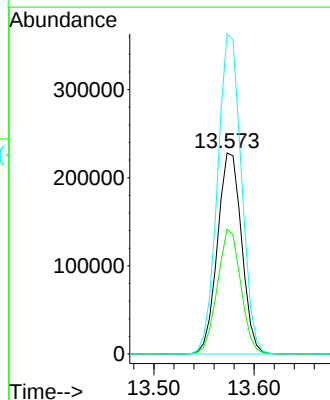
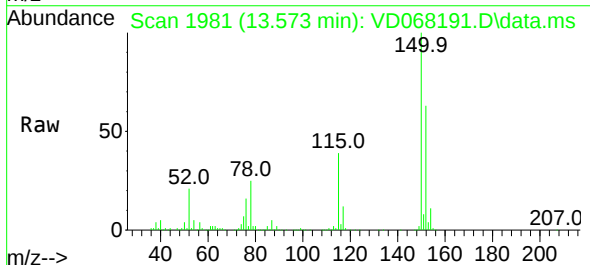
Instrument :
MSVOA_D
ClientSampleId :

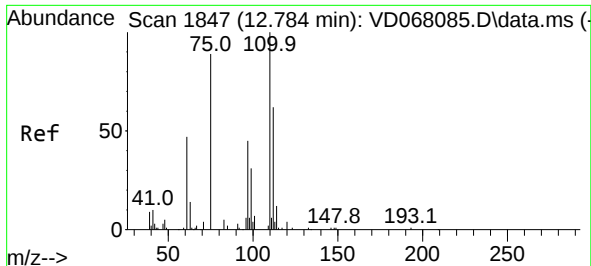
Tgt Ion:117 Resp: 860504
Ion Ratio Lower Upper
117 100
82 55.8 41.4 62.0
119 30.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068191.D
Acq: 26 Jan 2021 17:28

Tgt Ion:152 Resp: 381816
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.8
150 157.4 0.0 344.4

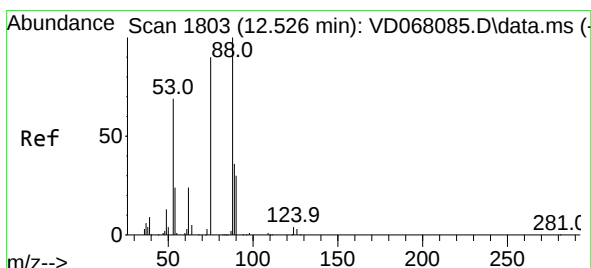
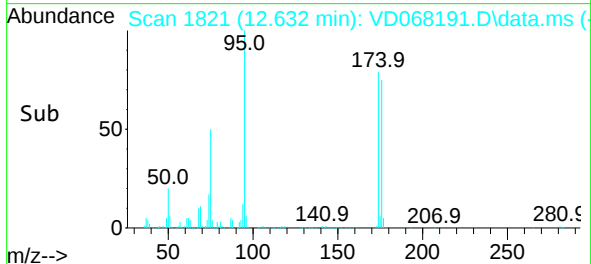
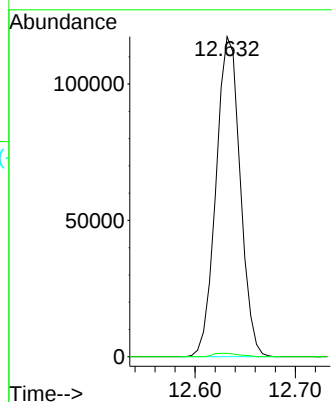
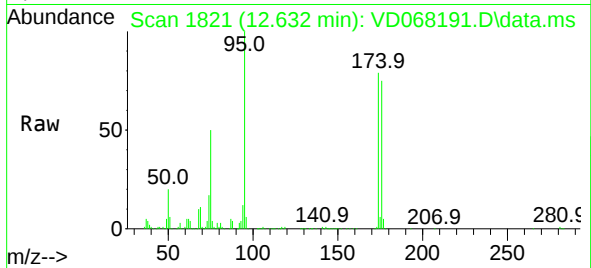




#76
1,2,3-Trichloropropane
Concen: 53.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068191.D
Acq: 26 Jan 2021 17:28

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 196383
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.64 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068191.D
Acq: 26 Jan 2021 17:28

Tgt Ion: 75 Resp: 196383
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

