

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012721\
 Data File : VD068208.D
 Acq On : 27 Jan 2021 19:51
 Operator : VA/SY
 Sample : M1253-01
 Misc : 5.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 27 23:59:31 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)

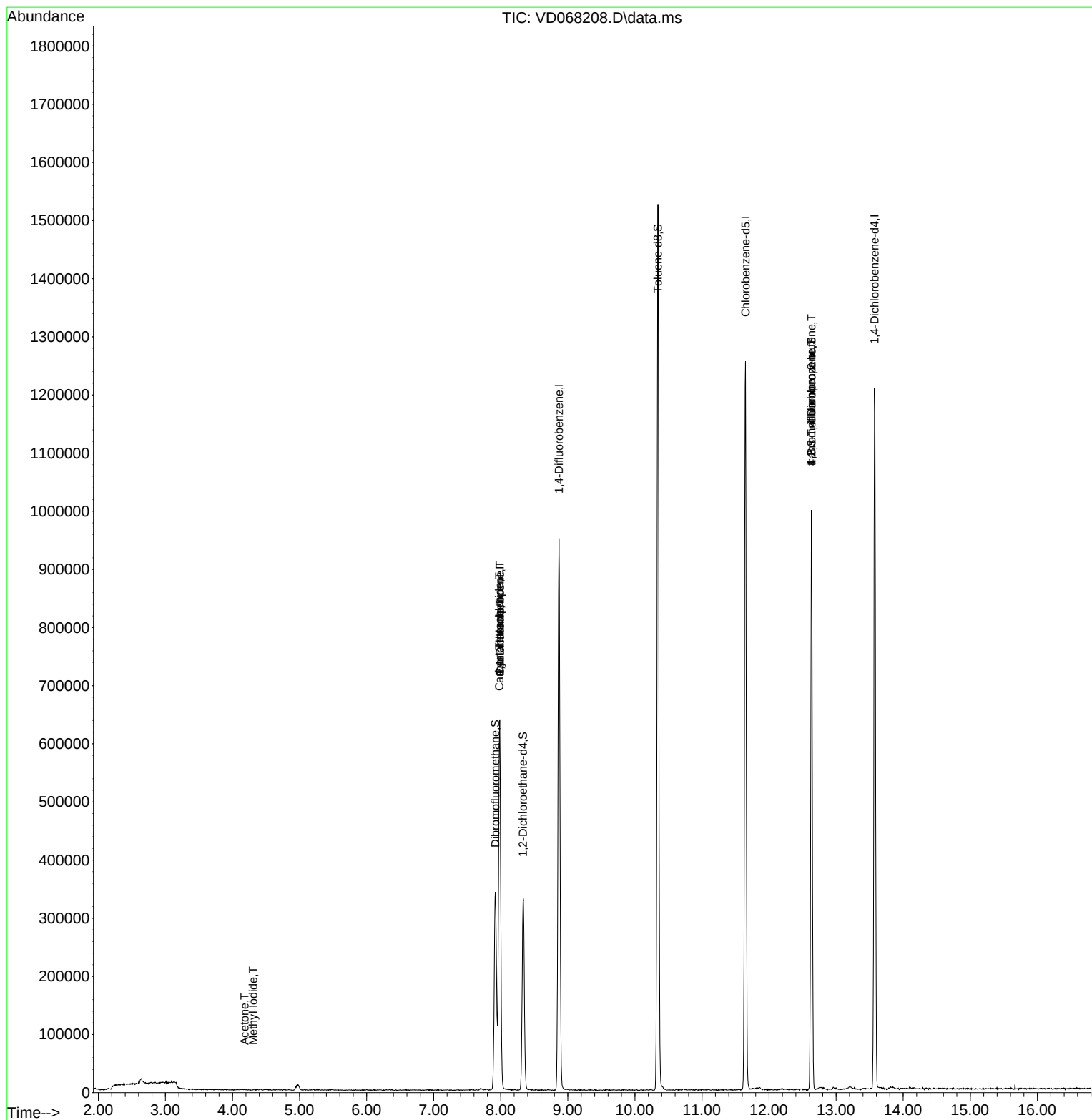
Internal Standards						
1) Pentafluorobenzene	7.985	168	479587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	856132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	755216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	332577	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	267847	58.38	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.76%			
35) Dibromofluoromethane	7.920	113	253621	53.58	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.16%			
50) Toluene-d8	10.344	98	1060846	56.03	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.06%			
62) 4-Bromofluorobenzene	12.632	95	345009	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	183	3.19	ug/l #	38
16) Acetone	4.179	43	1395	1.70	ug/l #	44
20) Methylene Chloride	4.967	84	8220	Below Cal	#	90
31) Cyclohexane	7.985	56	10263	1.03	ug/l #	16
36) 1,1-Dichloropropene	7.985	75	39659	4.59	ug/l #	47
38) Carbon Tetrachloride	7.979	117	48645	6.02	ug/l #	18
76) 1,2,3-Trichloropropane	12.632	75	170281	52.95	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	170281	107.15	ug/l #	13

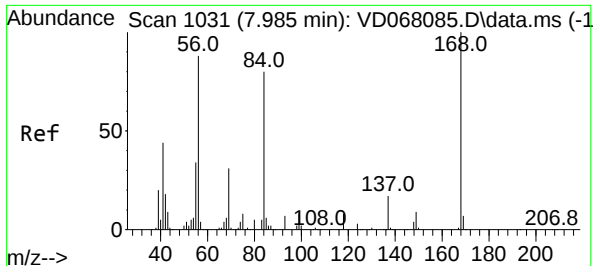
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012721\
Data File : VD068208.D
Acq On : 27 Jan 2021 19:51
Operator : VA/SY
Sample : M1253-01
Misc : 5.37G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 27 23:59:31 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

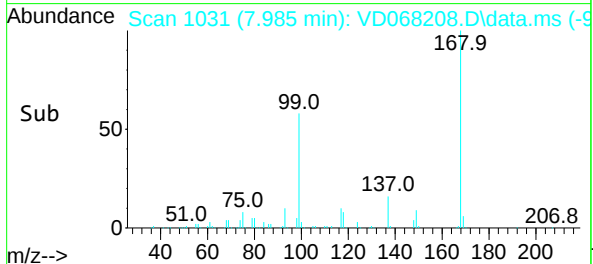
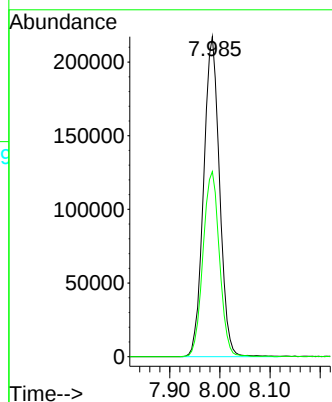
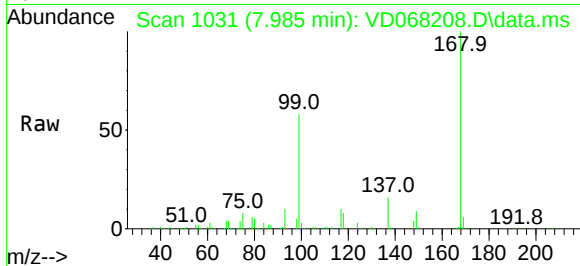




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068208.D
Acq: 27 Jan 2021 19:51

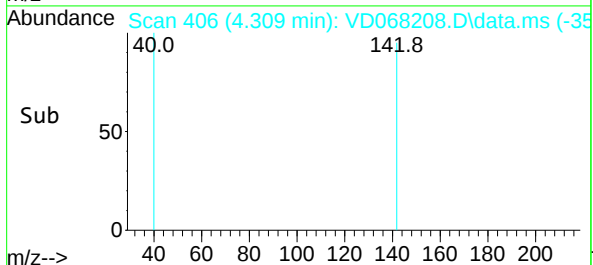
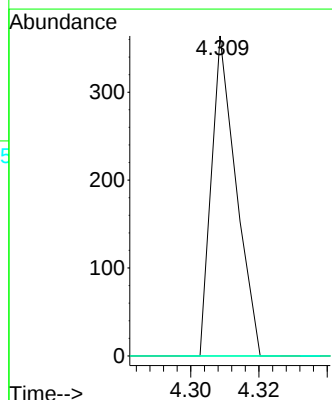
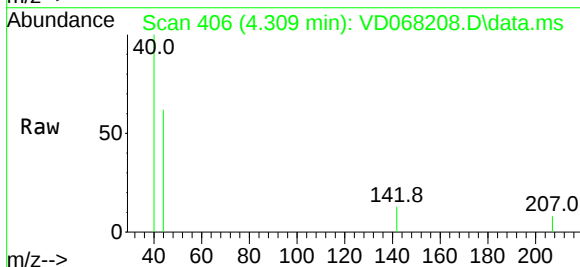
Instrument :
MSVOA_D
ClientSampled :

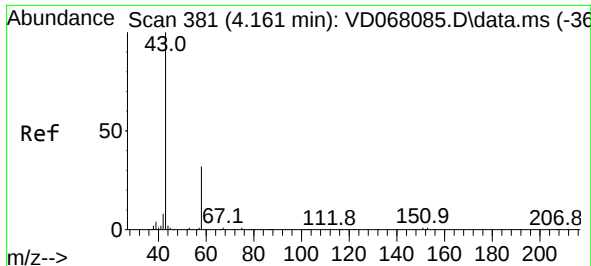
Tgt Ion:168 Resp: 479587
Ion Ratio Lower Upper
168 100
99 57.8 43.5 65.3



#10
Methyl Iodide
Concen: 3.19 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068208.D
Acq: 27 Jan 2021 19:51

Tgt Ion:142 Resp: 183
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

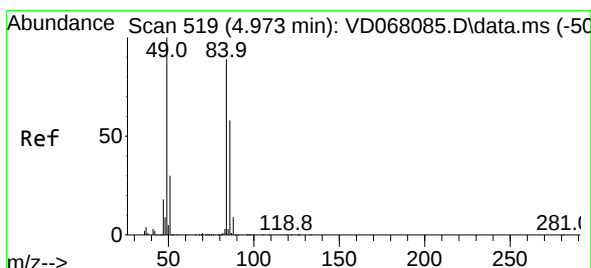
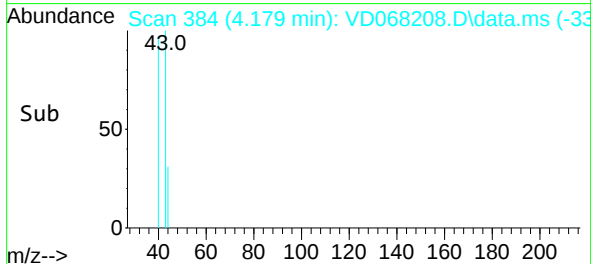
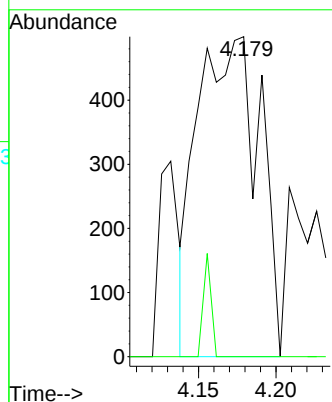
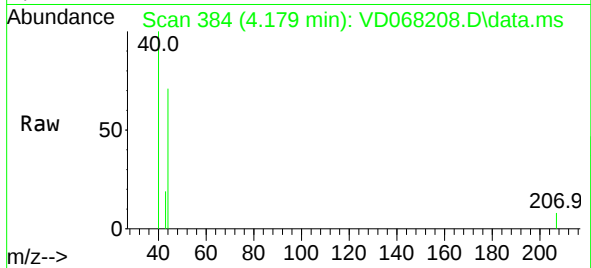




#16
Acetone
Concen: 1.70 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.018 min
Lab File: VD068208.D
Acq: 27 Jan 2021 19:51

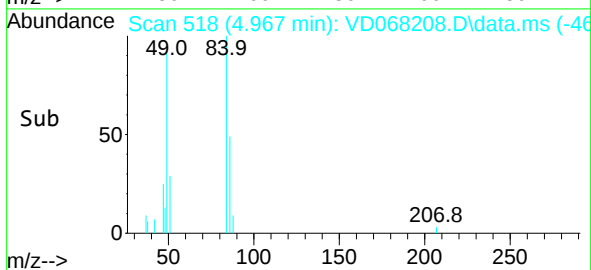
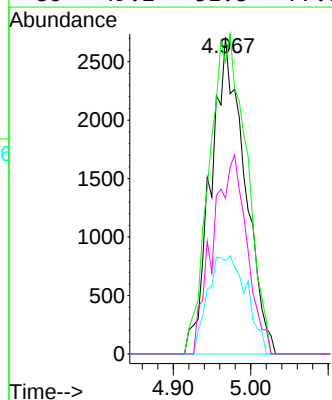
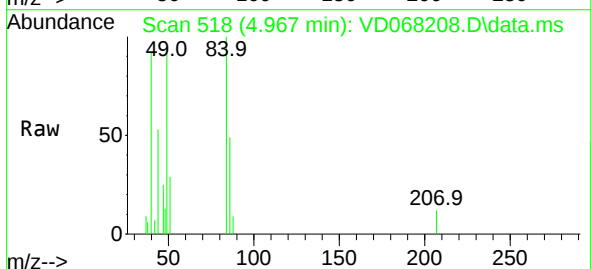
Instrument :
MSVOA_D
ClientSampled :

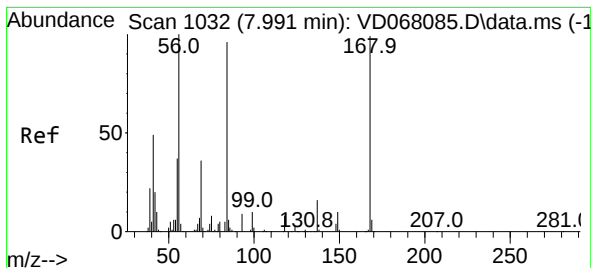
Tgt Ion: 43 Resp: 1395
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068208.D
Acq: 27 Jan 2021 19:51

Tgt Ion: 84 Resp: 8220
Ion Ratio Lower Upper
84 100
49 92.1 77.4 116.2
51 29.4 26.1 39.1
86 49.2 51.8 77.8#

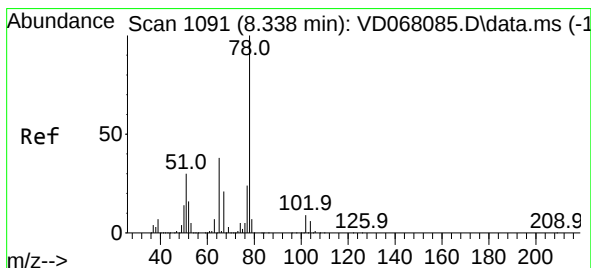
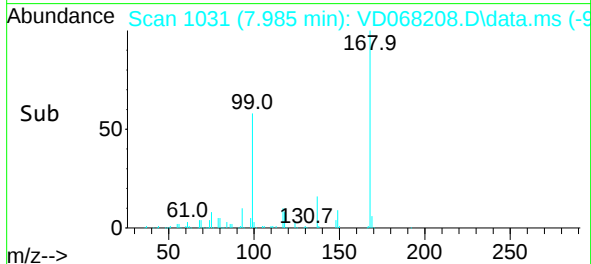
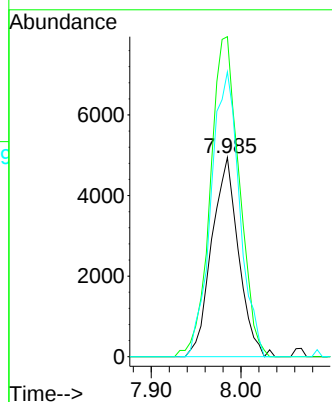
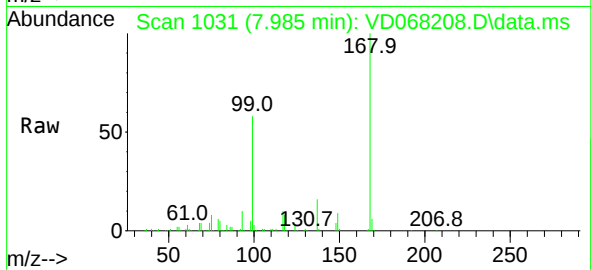




#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068208.D
Acq: 27 Jan 2021 19:51

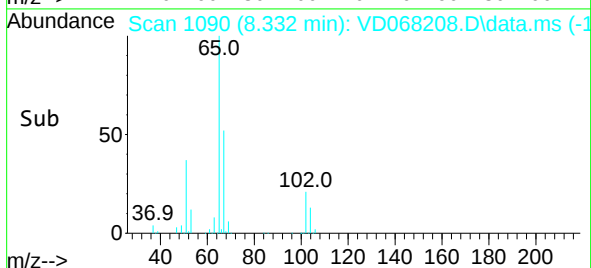
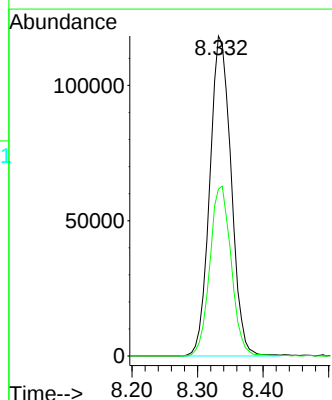
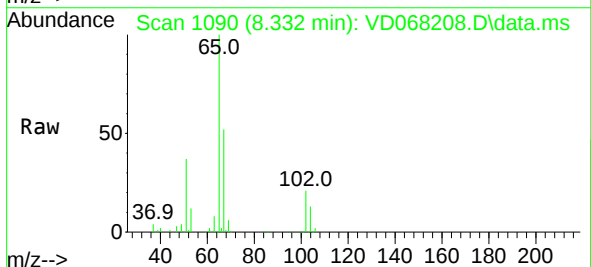
Instrument :
MSVOA_D
ClientSampled :

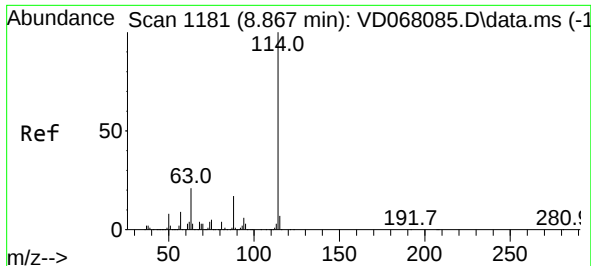
Tgt Ion: 56 Resp: 10263
Ion Ratio Lower Upper
56 100
69 160.6 30.1 45.1#
84 142.9 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 58.38 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068208.D
Acq: 27 Jan 2021 19:51

Tgt Ion: 65 Resp: 267847
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0

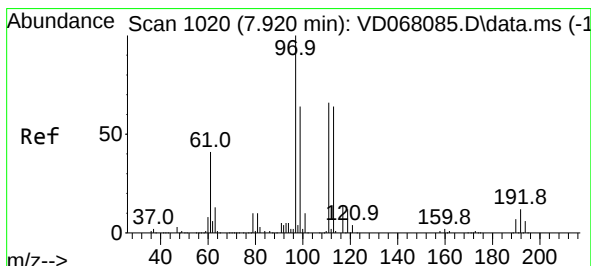
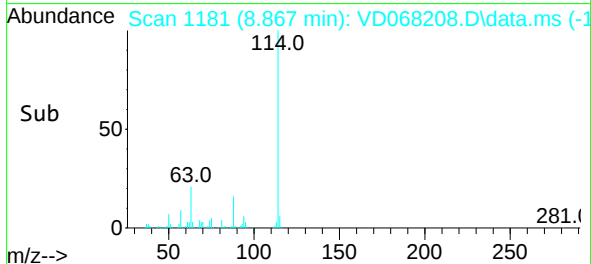
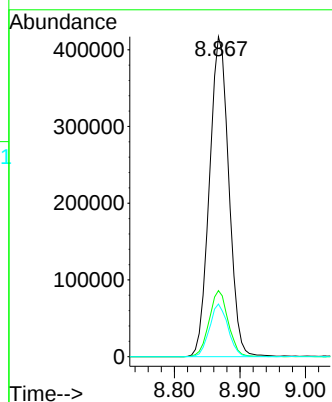
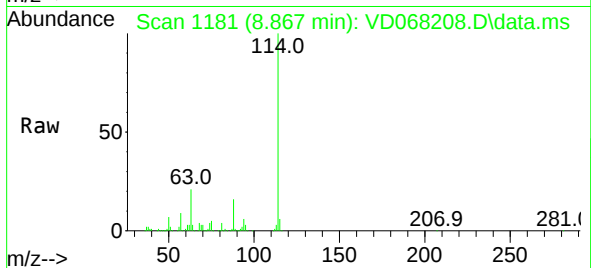




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068208.D
Acq: 27 Jan 2021 19:51

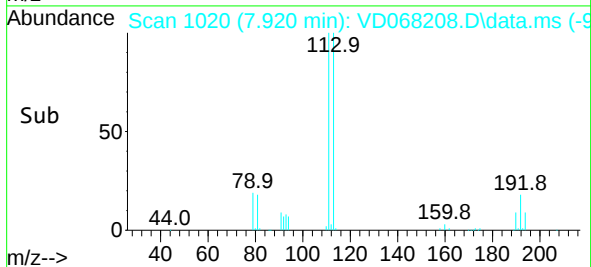
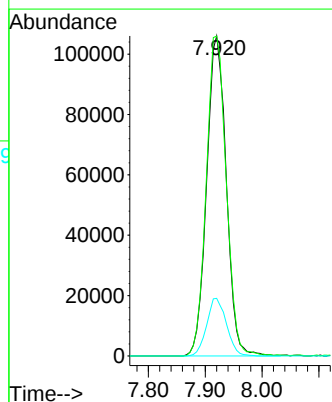
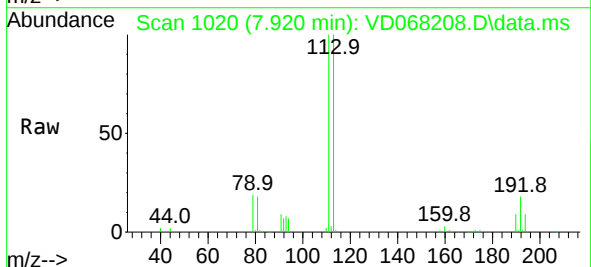
Instrument :
MSVOA_D
ClientSampled :

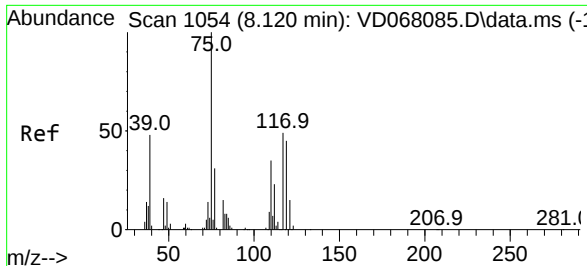
Tgt Ion:114 Resp: 856132
Ion Ratio Lower Upper
114 100
63 20.6 0.0 34.8
88 16.5 0.0 31.6



#35
Dibromofluoromethane
Concen: 53.58 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068208.D
Acq: 27 Jan 2021 19:51

Tgt Ion:113 Resp: 253621
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 18.1 16.1 24.1

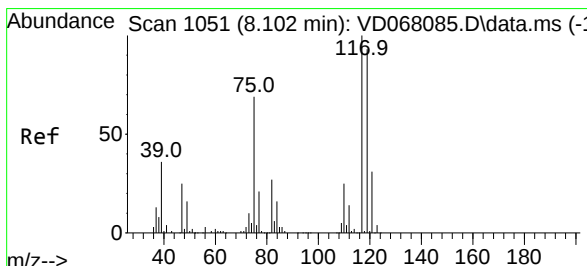
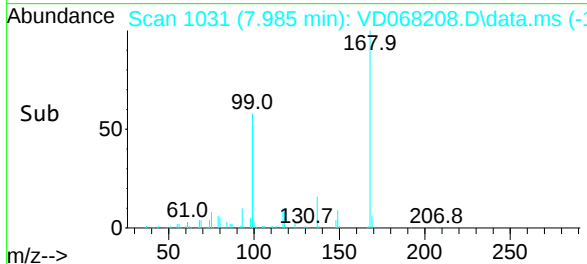
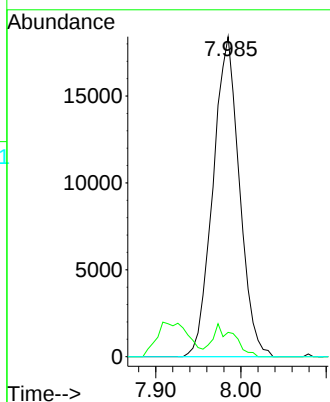
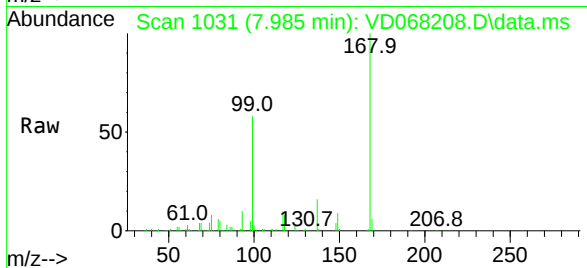




#36
 1,1-Dichloropropene
 Concen: 4.59 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.135 min
 Lab File: VD068208.D
 Acq: 27 Jan 2021 19:51

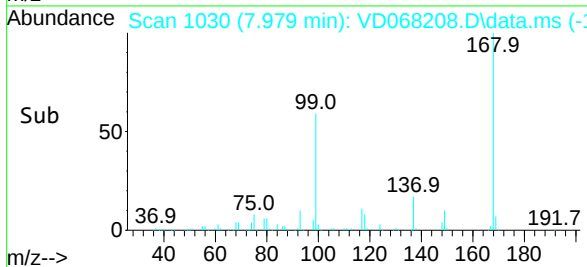
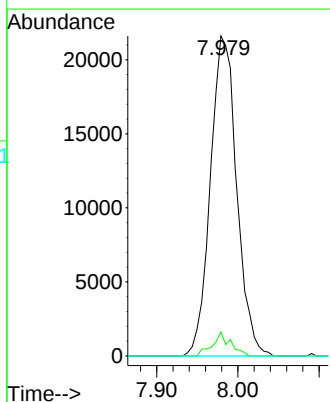
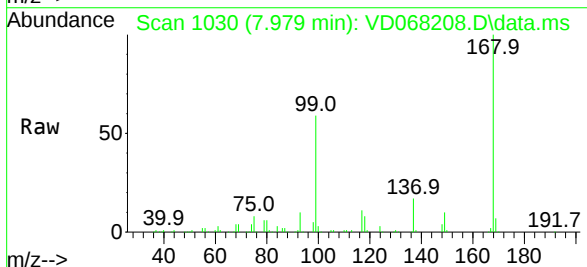
Instrument :
 MSVOA_D
 ClientSampled :

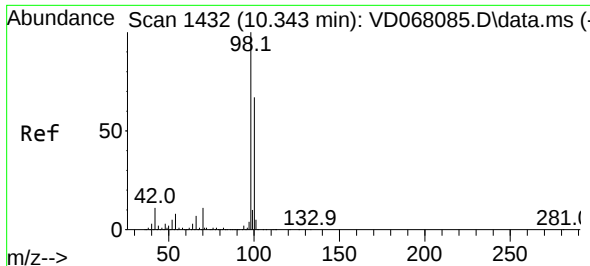
Tgt Ion: 75 Resp: 39659
 Ion Ratio Lower Upper
 75 100
 110 8.3 19.4 58.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.02 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.123 min
 Lab File: VD068208.D
 Acq: 27 Jan 2021 19:51

Tgt Ion: 117 Resp: 48645
 Ion Ratio Lower Upper
 117 100
 119 7.5 77.3 115.9#
 121 0.0 24.7 37.1#

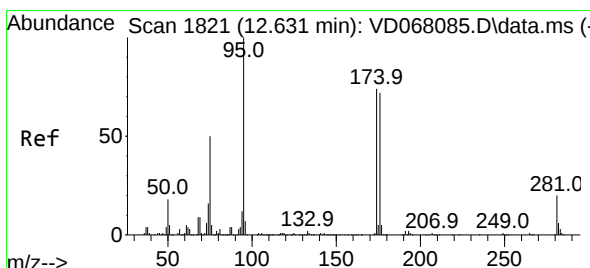
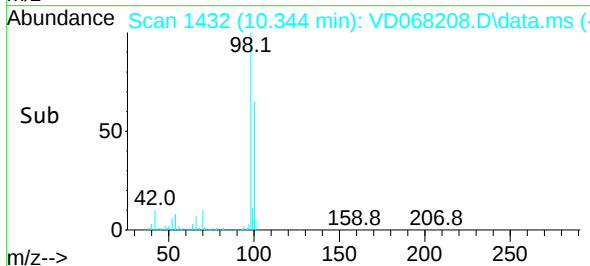
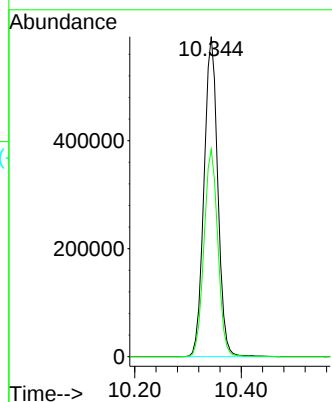
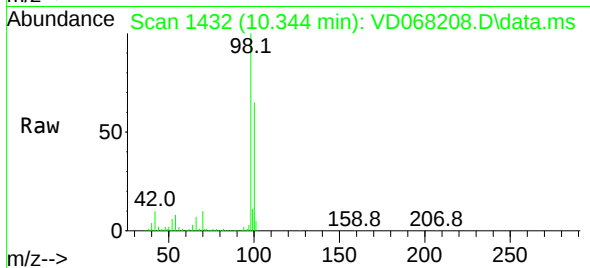




#50
Toluene-d8
Concen: 56.03 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068208.D
Acq: 27 Jan 2021 19:51

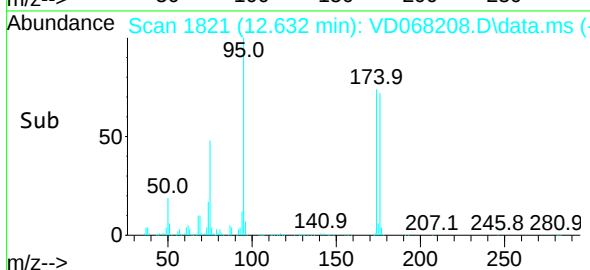
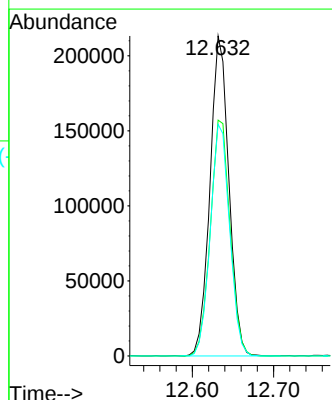
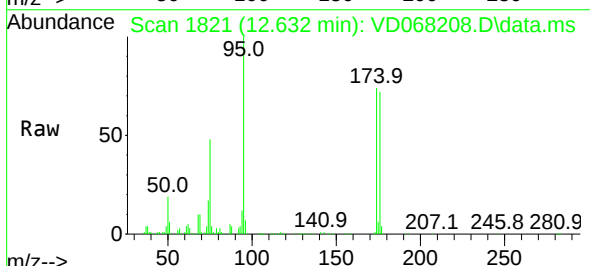
Instrument :
MSVOA_D
ClientSampled :

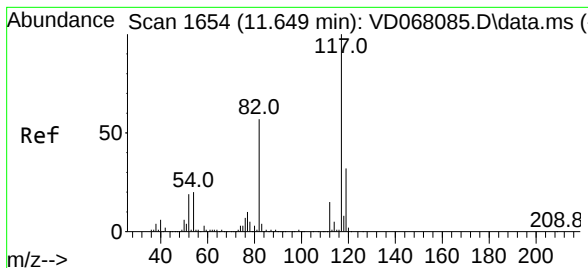
Tgt Ion: 98 Resp: 1060846
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068208.D
Acq: 27 Jan 2021 19:51

Tgt Ion: 95 Resp: 345009
Ion Ratio Lower Upper
95 100
174 76.7 0.0 172.4
176 73.8 0.0 168.4

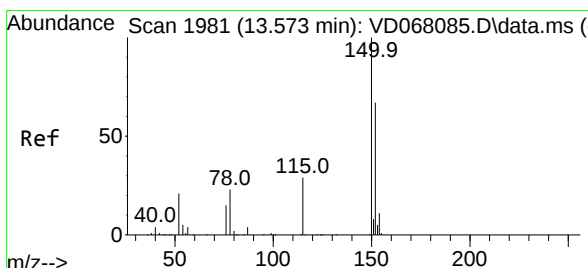
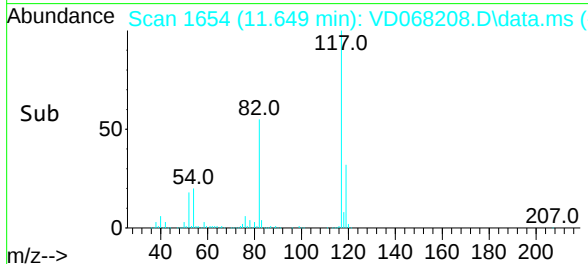
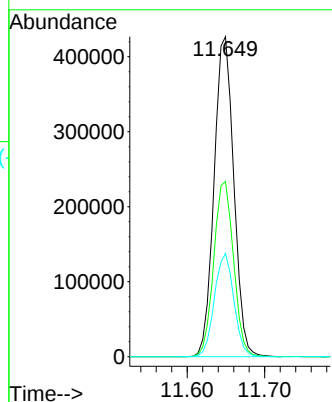
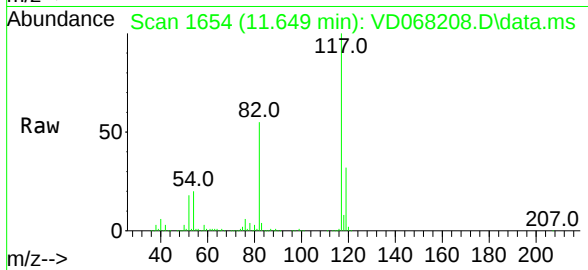




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068208.D
Acq: 27 Jan 2021 19:51

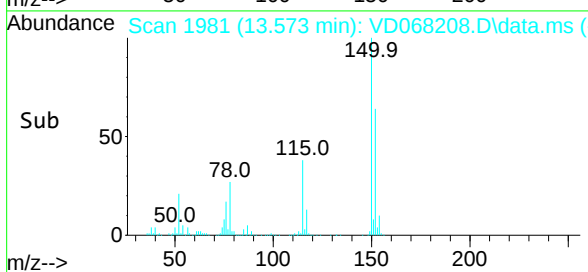
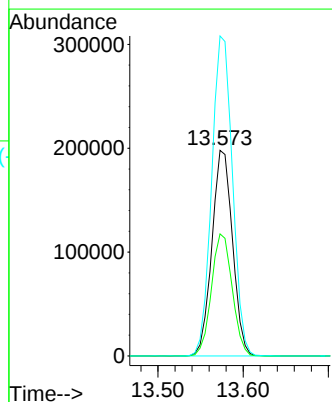
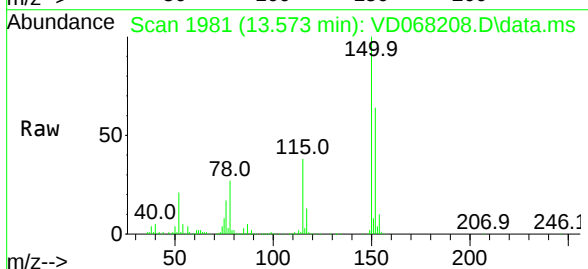
Instrument :
MSVOA_D
ClientSampled :

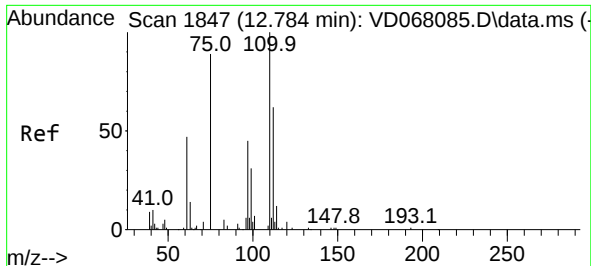
Tgt Ion:117 Resp: 755216
Ion Ratio Lower Upper
117 100
82 54.8 41.4 62.0
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068208.D
Acq: 27 Jan 2021 19:51

Tgt Ion:152 Resp: 332577
Ion Ratio Lower Upper
152 100
115 59.8 28.9 86.8
150 156.7 0.0 344.4

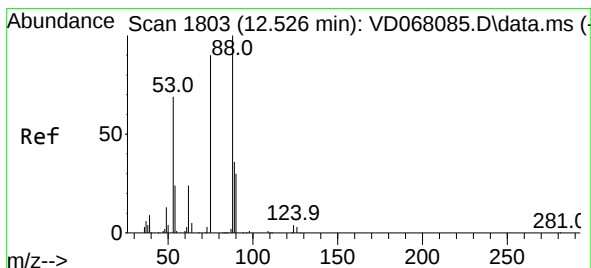
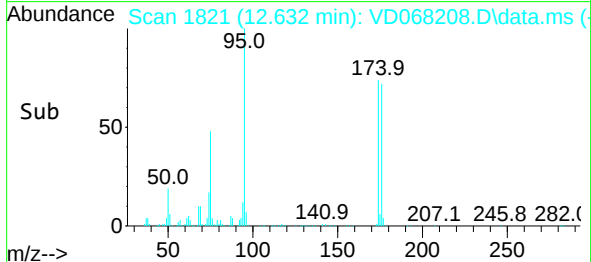
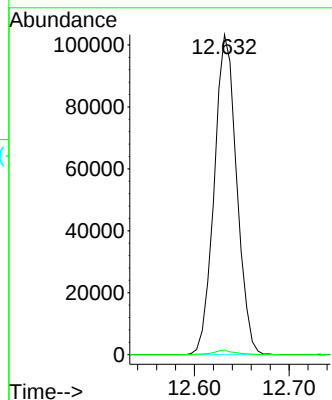
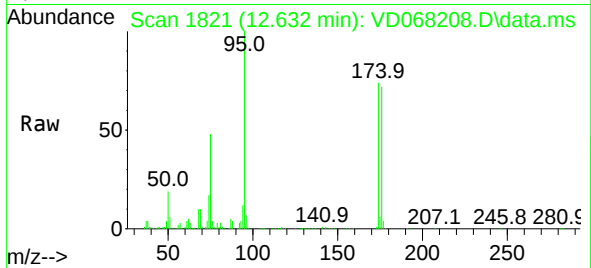




#76
1,2,3-Trichloropropane
Concen: 52.95 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068208.D
Acq: 27 Jan 2021 19:51

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 170281
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.15 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068208.D
Acq: 27 Jan 2021 19:51

Tgt Ion: 75 Resp: 170281
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

