

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
 Data File : VD068992.D
 Acq On : 26 Apr 2021 16:57
 Operator : VA/SY
 Sample : M2170-05
 Misc : 9.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 27 07:13:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

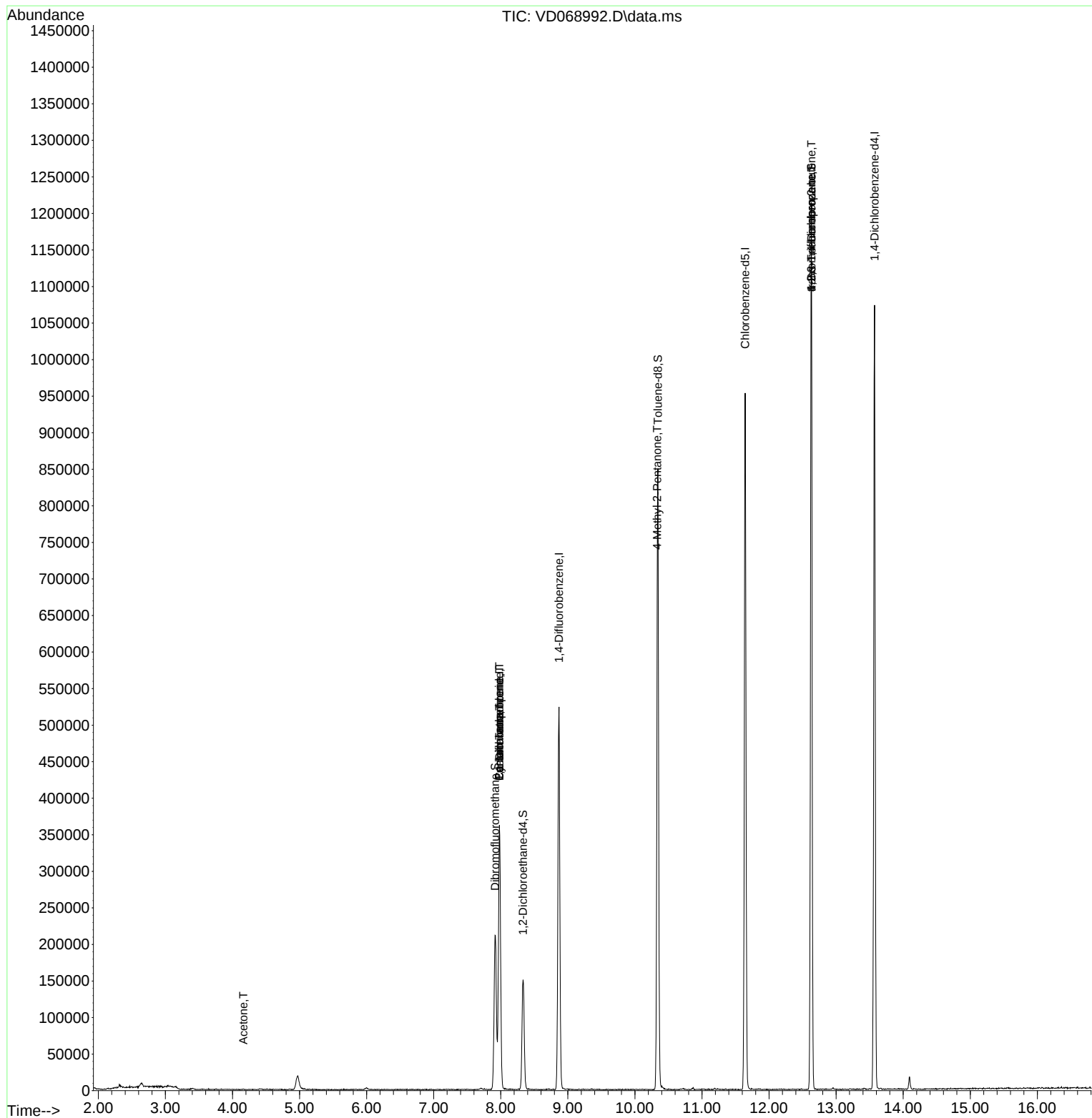
Internal Standards						
1) Pentafluorobenzene	7.979	168	277212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	479278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	569669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	291361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	123112	42.02	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.04%		
35) Dibromofluoromethane	7.914	113	155335	49.83	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.66%		
50) Toluene-d8	10.344	98	608933	51.78	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.56%		
62) 4-Bromofluorobenzene	12.632	95	266338	68.19	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	136.38%		
Target Compounds						
11) Tert butyl alcohol	5.214	59	72	Below Cal	#	73
16) Acetone	4.162	43	518	1.28	ug/l #	40
31) Cyclohexane	7.979	56	5400	1.11	ug/l #	22
36) 1,1-Dichloropropene	7.979	75	20952	4.32	ug/l #	48
38) Carbon Tetrachloride	7.979	117	25964	5.41	ug/l #	17
51) 4-Methyl-2-Pentanone	10.332	43	2135	1.46	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	133843	50.28	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	133843	116.69	ug/l #	16

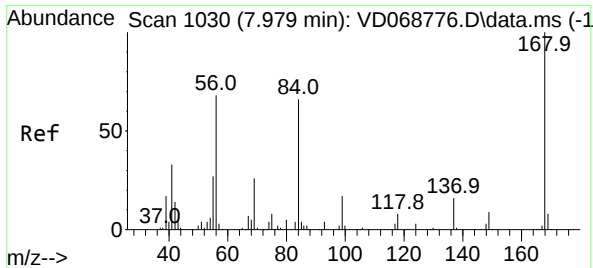
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
Data File : VD068992.D
Acq On : 26 Apr 2021 16:57
Operator : VA/SY
Sample : M2170-05
Misc : 9.51G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 27 07:13:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

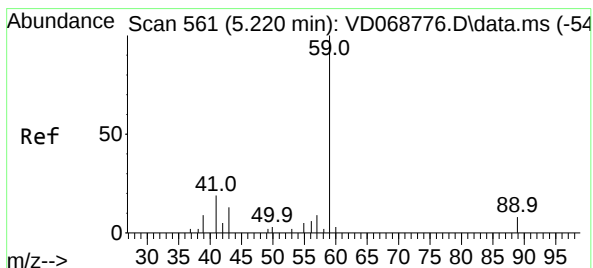
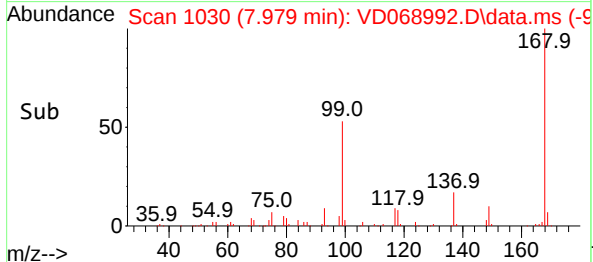
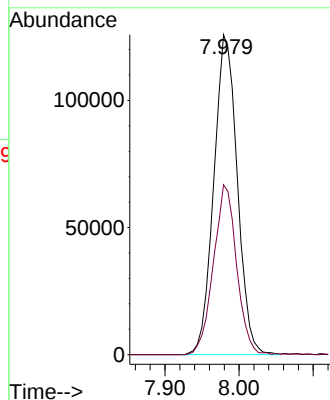
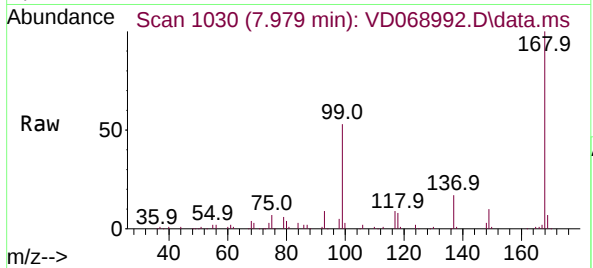




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

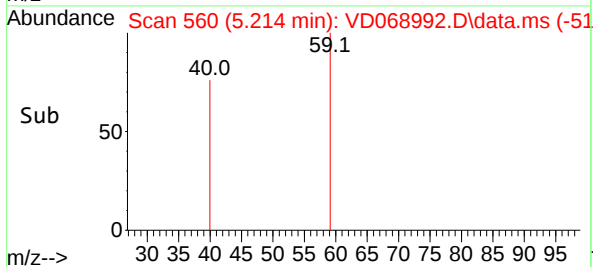
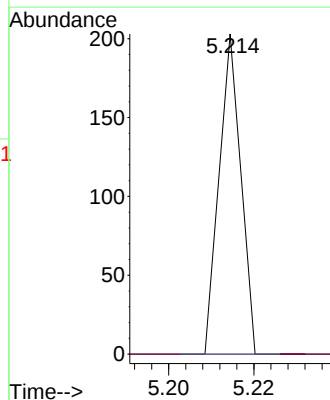
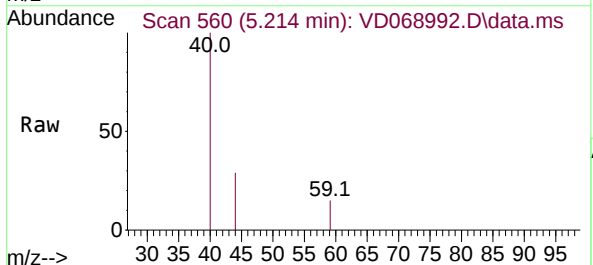
Instrument :
MSVOA_D
ClientSampled :

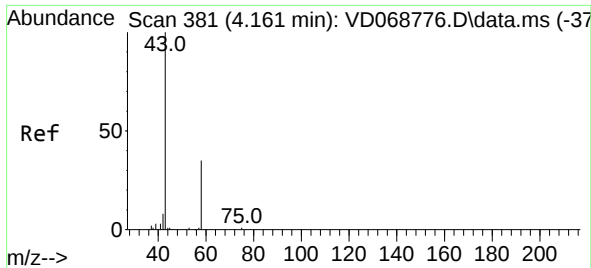
Tgt Ion:168 Resp: 277212
Ion Ratio Lower Upper
168 100
99 53.1 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

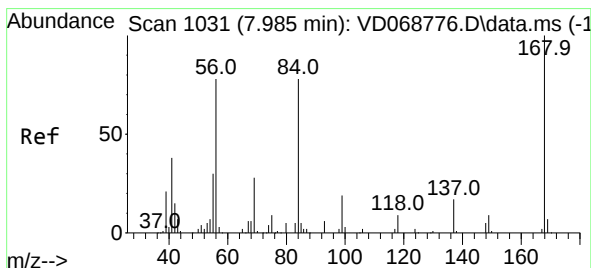
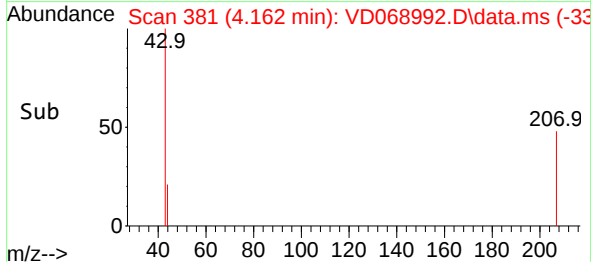
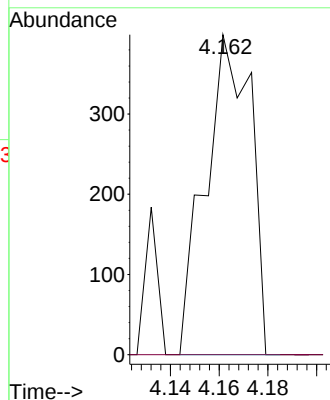
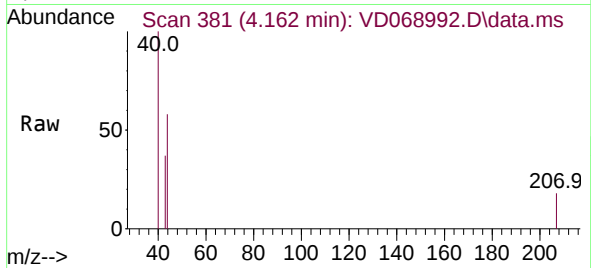




#16
Acetone
Concen: 1.28 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

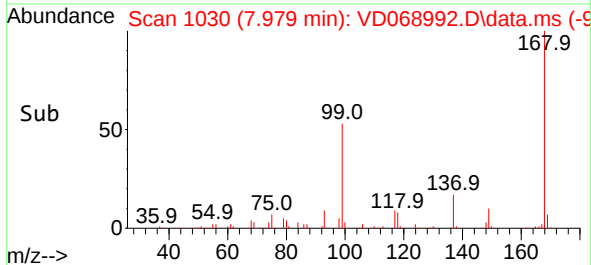
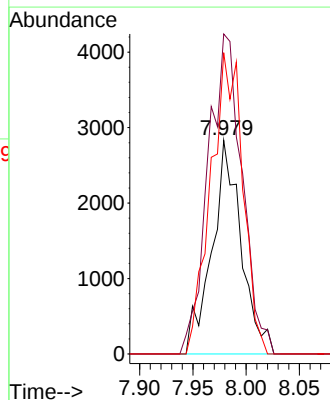
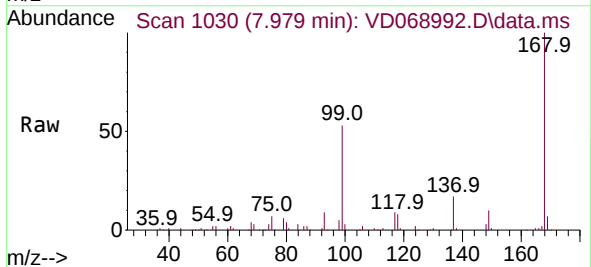
Instrument :
MSVOA_D
ClientSampleId :

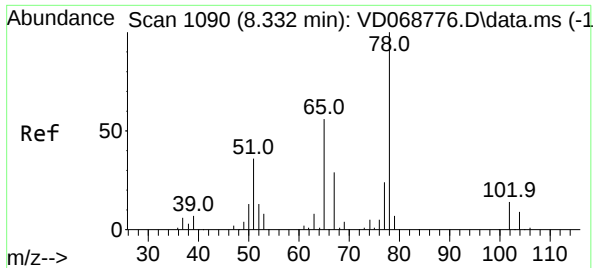
Tgt Ion: 43 Resp: 518
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

Tgt Ion: 56 Resp: 5400
Ion Ratio Lower Upper
56 100
69 149.8 30.0 45.0#
84 141.0 82.0 123.0#

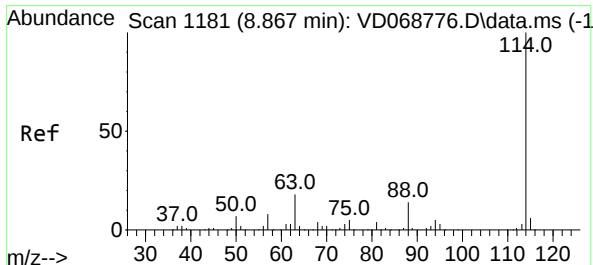
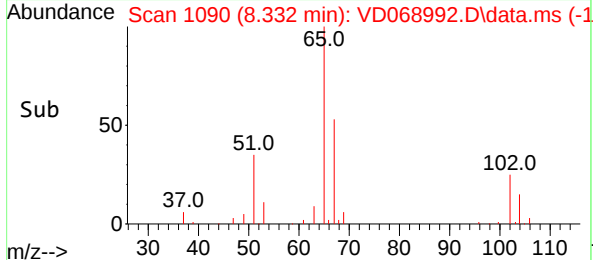
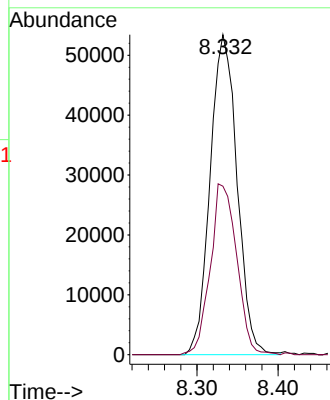
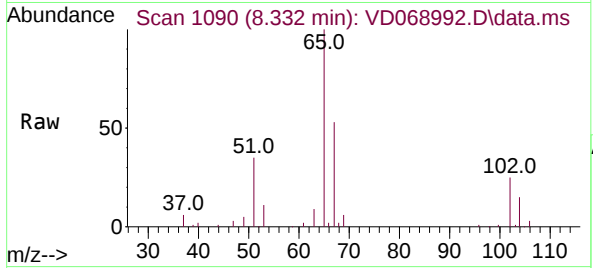




#33
1,2-Dichloroethane-d4
Concen: 42.02 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

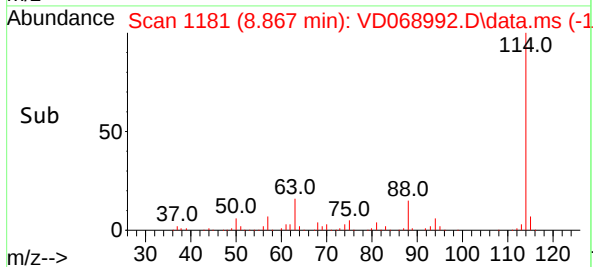
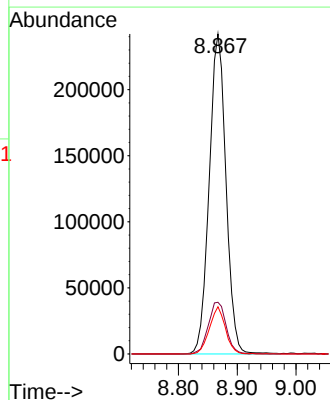
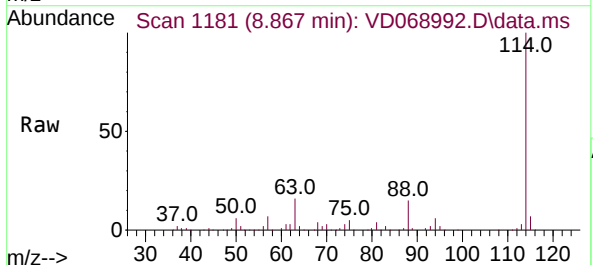
Instrument :
MSVOA_D
ClientSampleId :

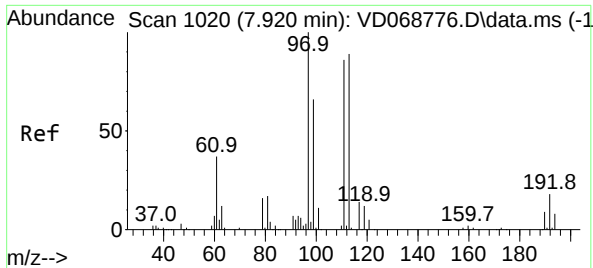
Tgt Ion: 65 Resp: 123112
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

Tgt Ion:114 Resp: 479278
Ion Ratio Lower Upper
114 100
63 16.2 0.0 38.2
88 14.8 0.0 29.4

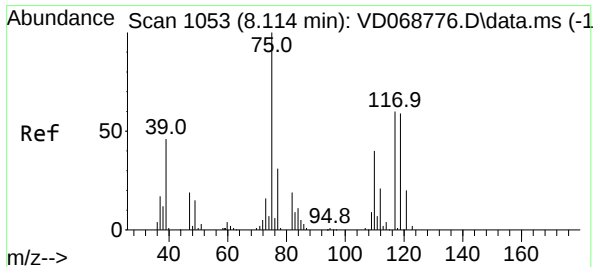
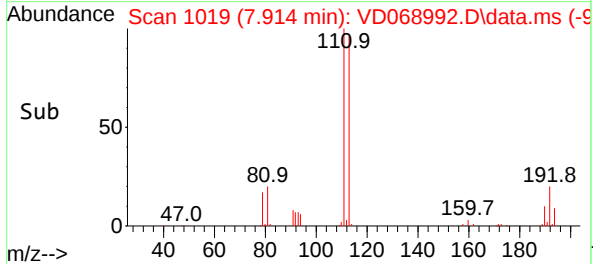
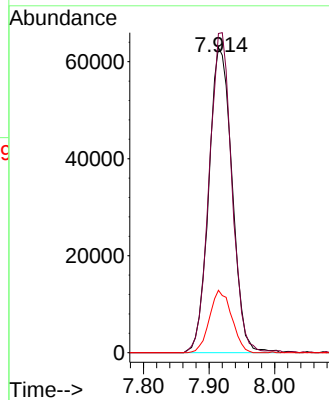
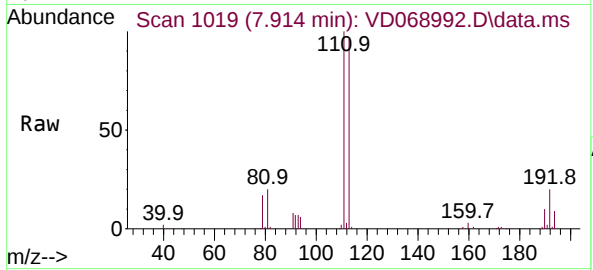




#35
Dibromofluoromethane
Concen: 49.83 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

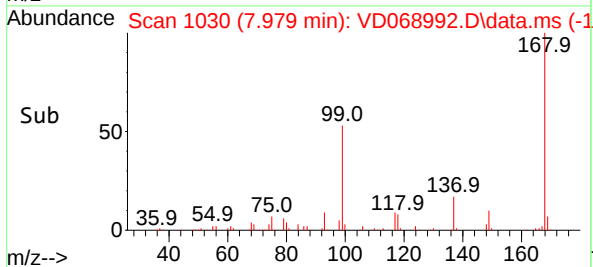
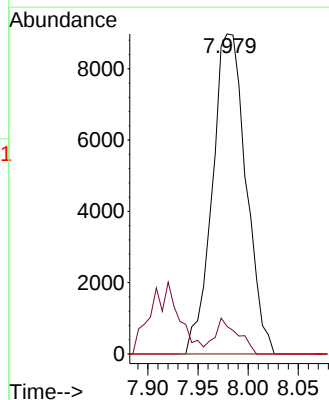
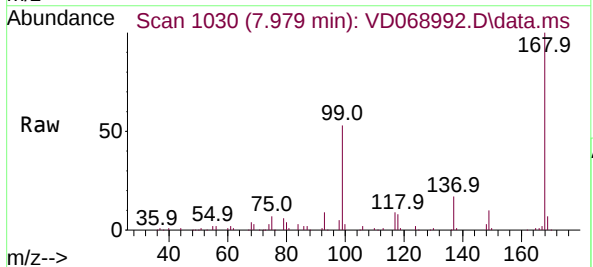
Instrument :
MSVOA_D
ClientSampleId :

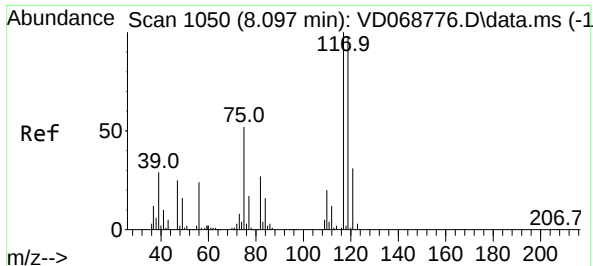
Tgt Ion:113 Resp: 155335
Ion Ratio Lower Upper
113 100
111 101.5 82.5 123.7
192 19.4 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.32 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

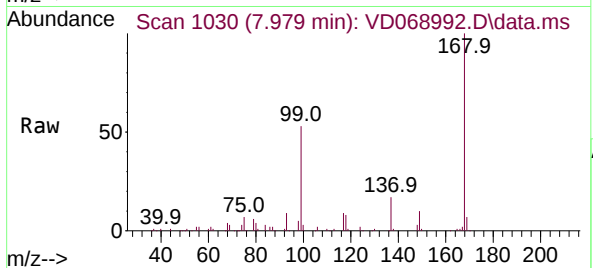
Tgt Ion: 75 Resp: 20952
Ion Ratio Lower Upper
75 100
110 7.6 18.1 54.4#
77 0.0 24.7 37.1#



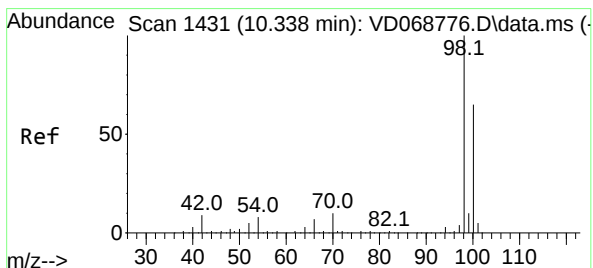
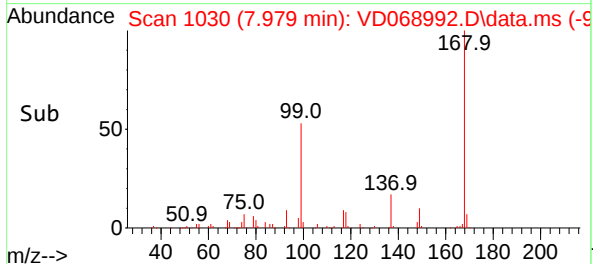
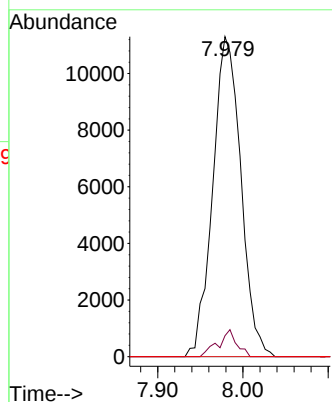


#38
Carbon Tetrachloride
Concen: 5.41 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

Instrument :
MSVOA_D
ClientSampled :

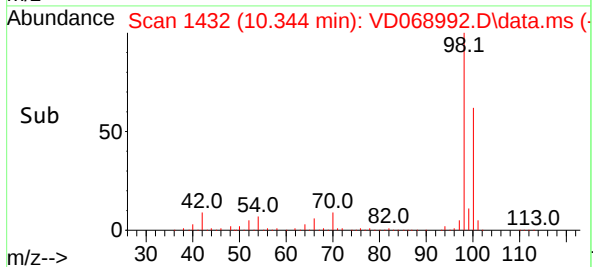
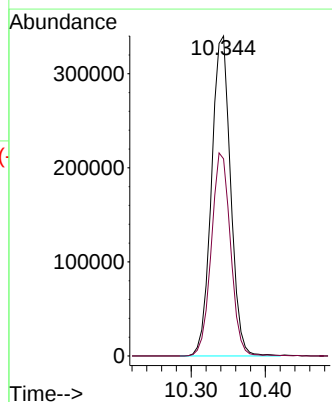
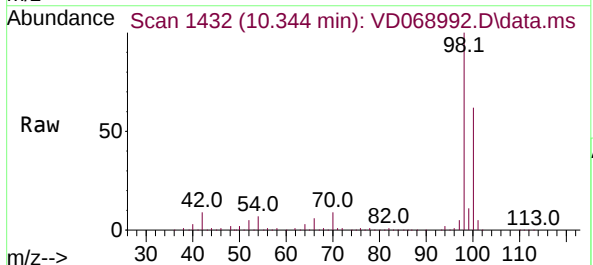


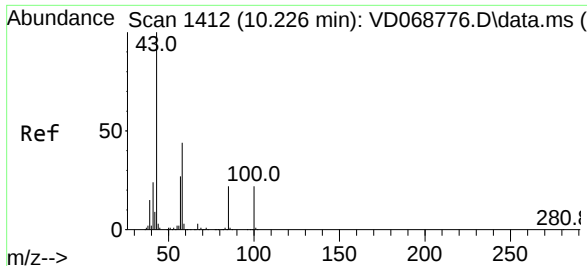
Tgt Ion:117 Resp: 25964
Ion Ratio Lower Upper
117 100
119 6.5 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 51.78 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

Tgt Ion: 98 Resp: 608933
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6

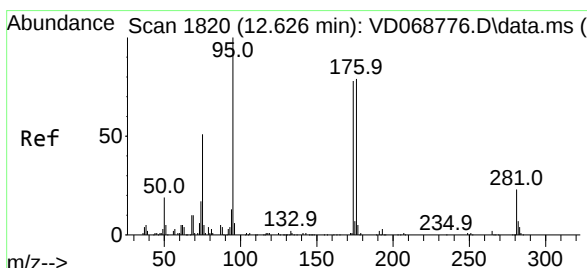
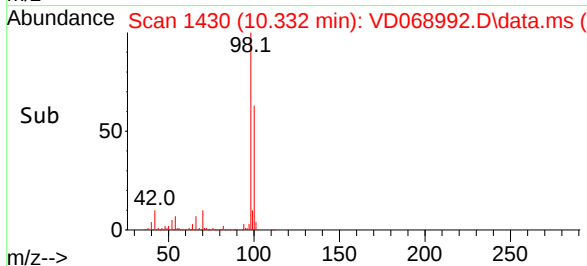
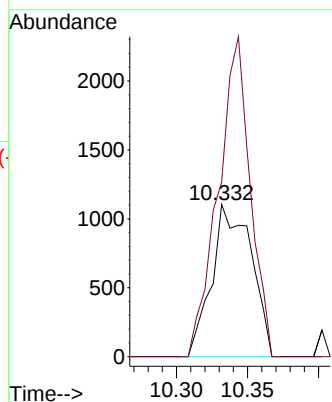
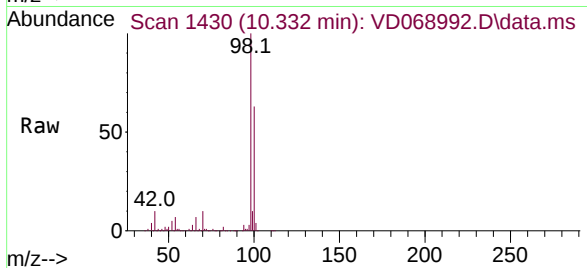




#51
4-Methyl-2-Pentanone
Concen: 1.46 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

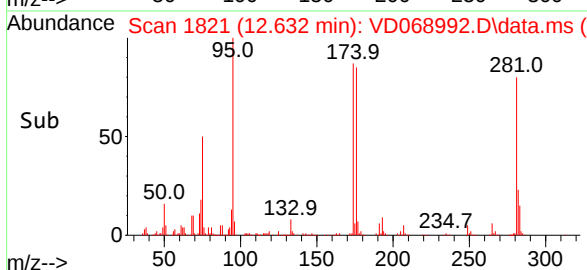
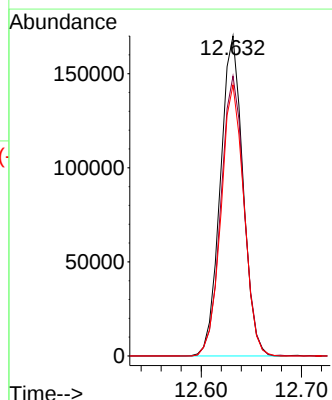
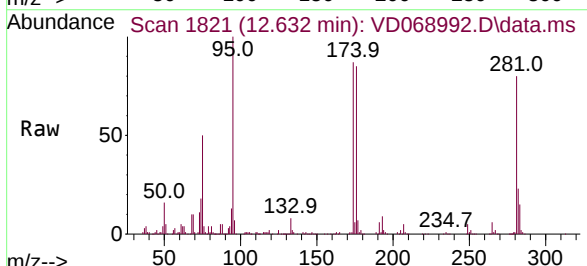
Instrument :
MSVOA_D
ClientSampled :

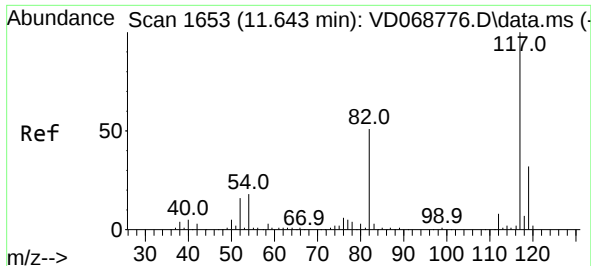
Tgt Ion: 43 Resp: 2135
Ion Ratio Lower Upper
43 100
58 170.4 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 68.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

Tgt Ion: 95 Resp: 266338
Ion Ratio Lower Upper
95 100
174 89.0 0.0 168.0
176 85.6 0.0 160.2

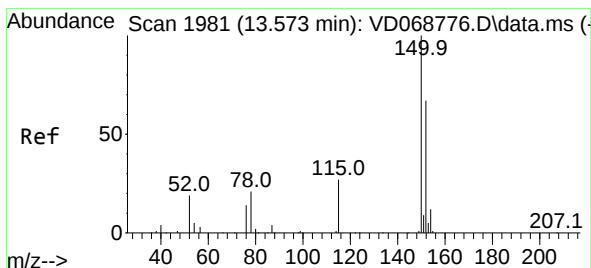
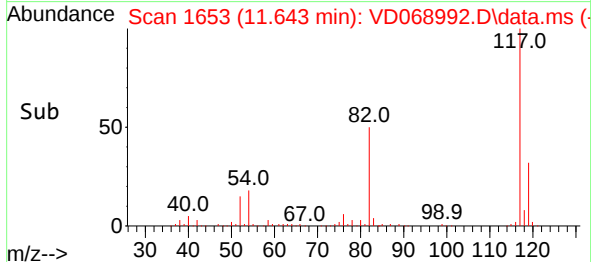
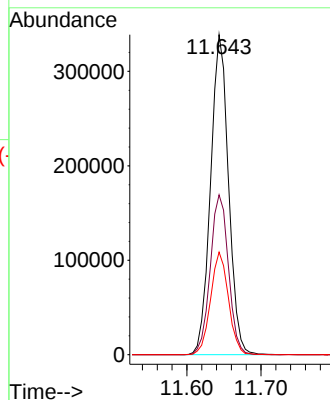
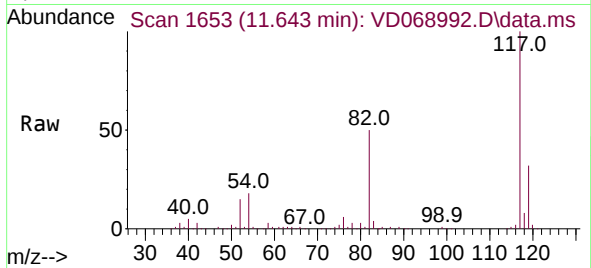




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

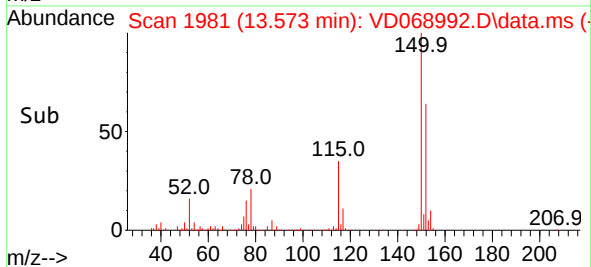
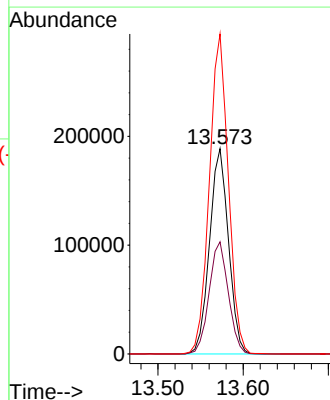
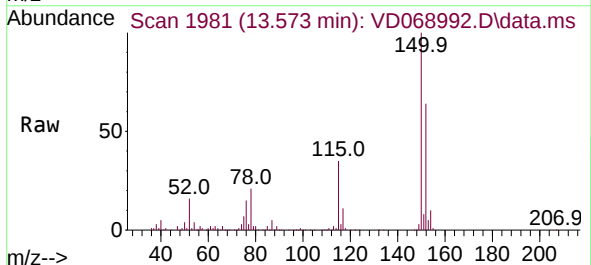
Instrument :
MSVOA_D
ClientSampleId :

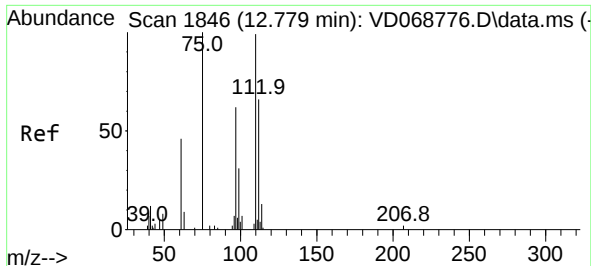
Tgt Ion:117 Resp: 569669
Ion Ratio Lower Upper
117 100
82 50.0 43.5 65.3
119 32.0 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

Tgt Ion:152 Resp: 291361
Ion Ratio Lower Upper
152 100
115 55.3 29.3 87.8
150 155.9 0.0 347.6

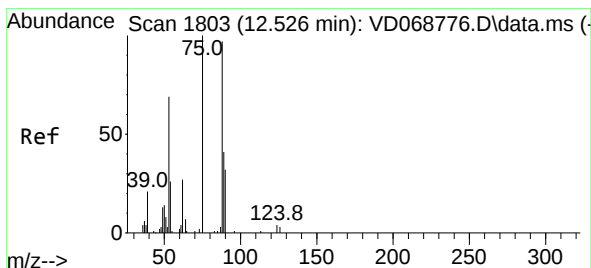
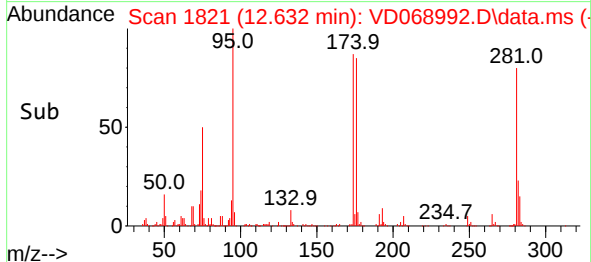
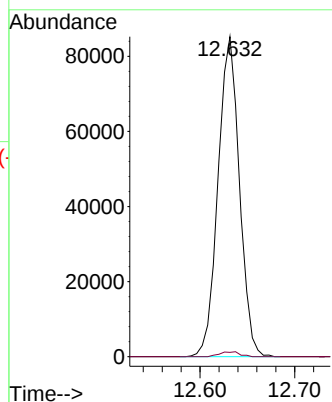
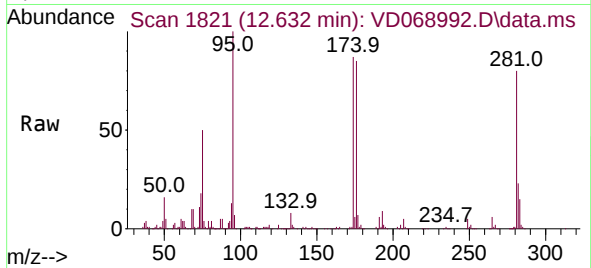




#76
1,2,3-Trichloropropane
Concen: 50.28 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 133843
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.69 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068992.D
Acq: 26 Apr 2021 16:57

Tgt Ion: 75 Resp: 133843
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.8 36.6 54.8#

