

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068838.D
 Acq On : 12 Apr 2021 18:01
 Operator : VA/SY
 Sample : M1967-05RE
 Misc : 3.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 13 01:11:48 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

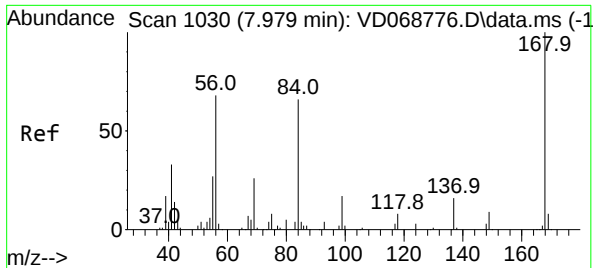
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	239528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	421746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	448424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	204618	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	109525	43.27	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.54%		
35) Dibromofluoromethane	7.920	113	130178	47.45	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.90%		
50) Toluene-d8	10.338	98	525613	50.79	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.58%		
62) 4-Bromofluorobenzene	12.632	95	192156	55.91	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	111.82%		
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	160	2.30	ug/l #	80
16) Acetone	4.167	43	1162	3.31	ug/l	90
20) Methylene Chloride	4.967	84	5039	Below Cal	#	80
31) Cyclohexane	7.979	56	5384	1.28	ug/l #	21
38) Carbon Tetrachloride	7.979	117	23292	5.51	ug/l #	17
51) 4-Methyl-2-Pentanone	10.338	43	2119	1.64	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	94968	50.80	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	94968	117.90	ug/l #	16

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

Quant Time: Apr 13 01:11:48 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

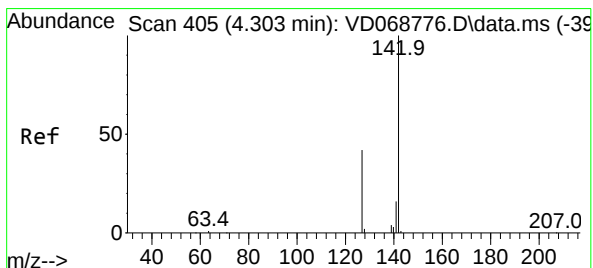
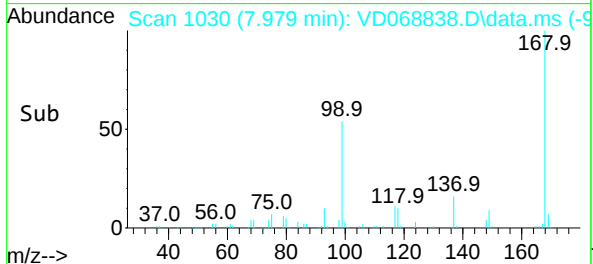
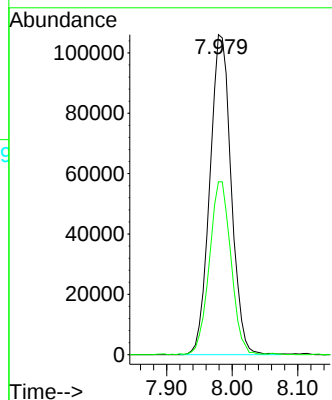
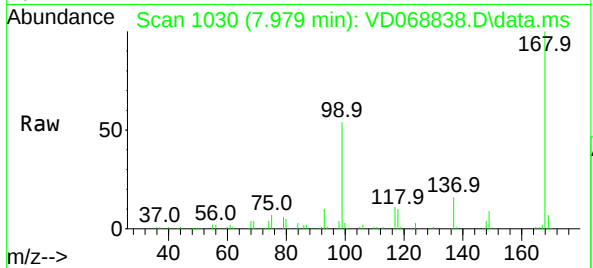




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068838.D
Acq: 12 Apr 2021 18:01

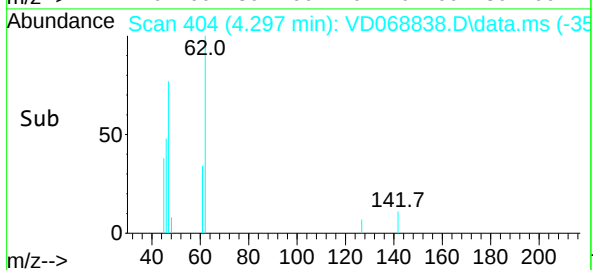
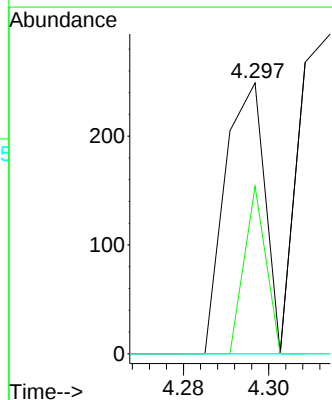
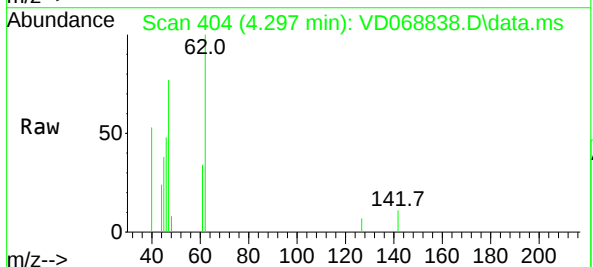
Instrument :
MSVOA_D
ClientSampled :

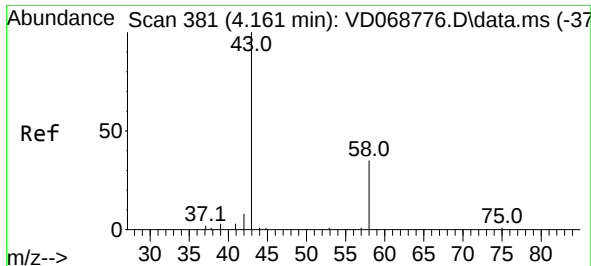
Tgt Ion:168 Resp: 239528
Ion Ratio Lower Upper
168 100
99 53.8 46.2 69.2



#10
Methyl Iodide
Concen: 2.30 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068838.D
Acq: 12 Apr 2021 18:01

Tgt Ion:142 Resp: 160
Ion Ratio Lower Upper
142 100
127 33.8 34.7 52.1#
141 0.0 11.0 16.4#

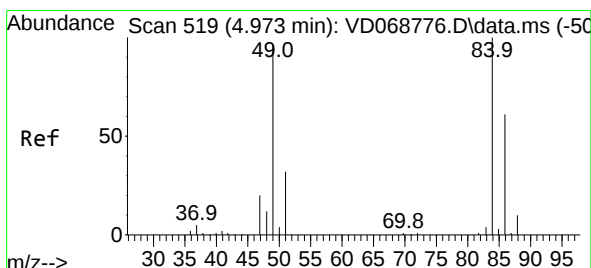
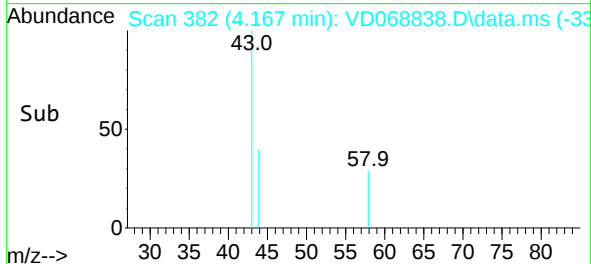
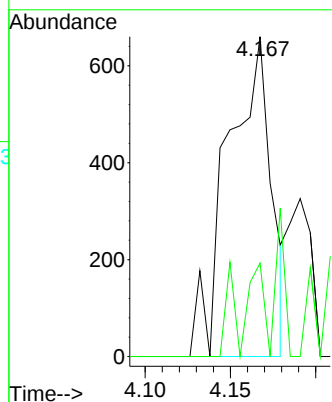
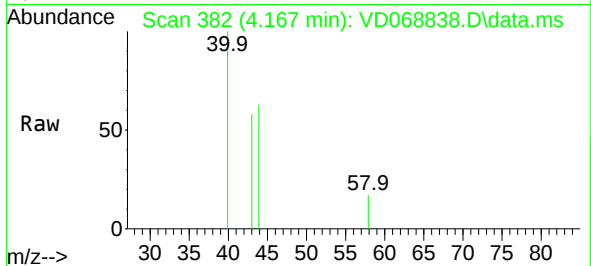




#16
Acetone
Concen: 3.31 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068838.D
Acq: 12 Apr 2021 18:01

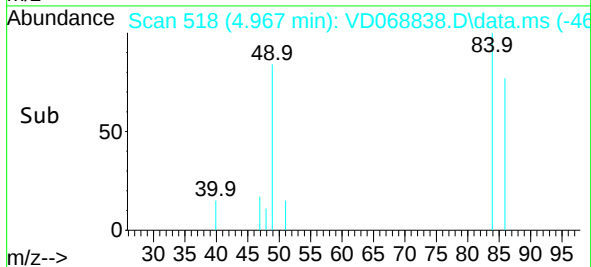
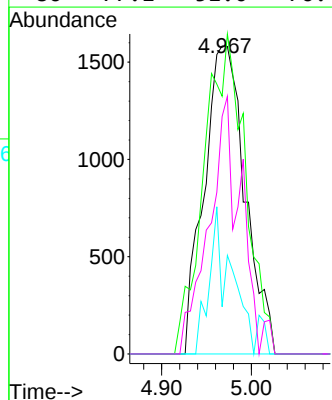
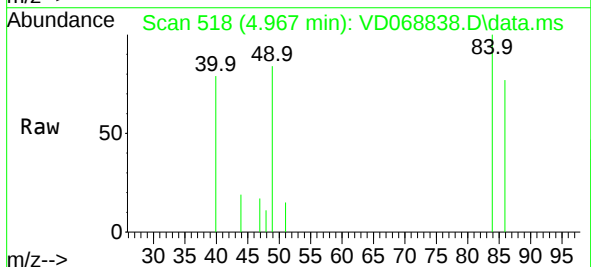
Instrument :
MSVOA_D
ClientSampled :

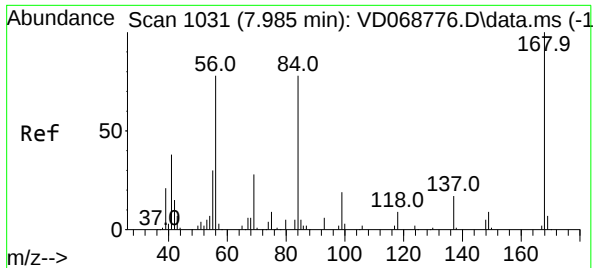
Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
58 29.2 28.0 42.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068838.D
Acq: 12 Apr 2021 18:01

Tgt Ion: 84 Resp: 5039
Ion Ratio Lower Upper
84 100
49 83.7 83.4 125.0
51 15.4 23.4 35.2#
86 77.1 51.0 76.4#

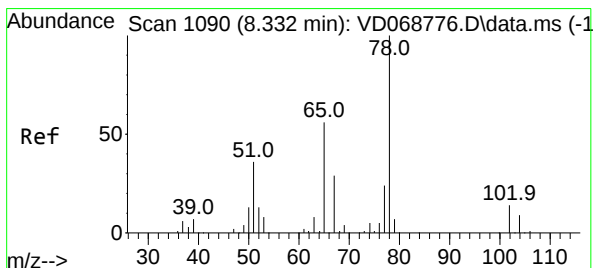
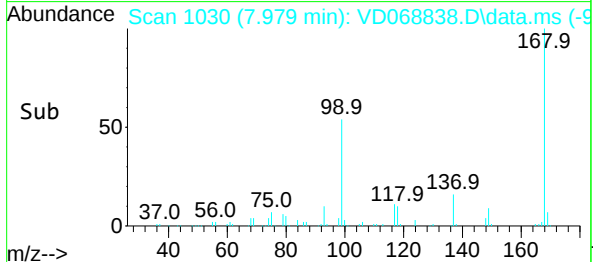
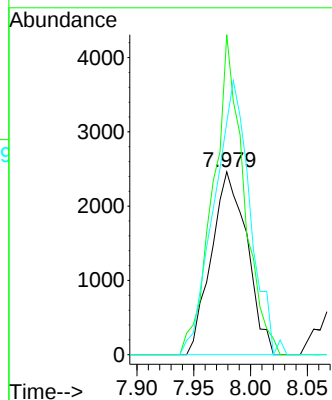
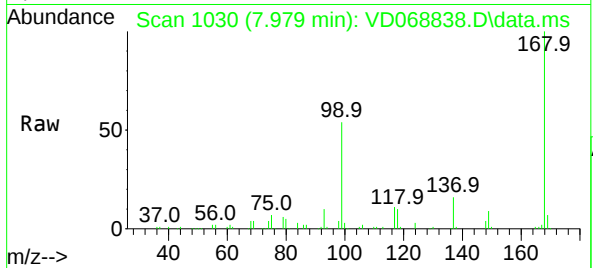




#31
Cyclohexane
Concen: 1.28 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068838.D
Acq: 12 Apr 2021 18:01

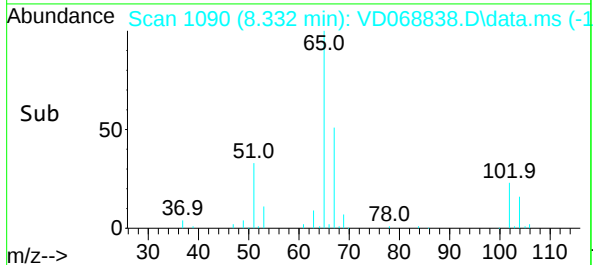
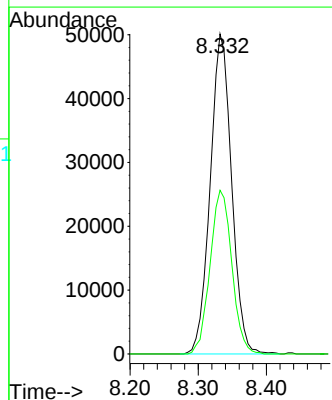
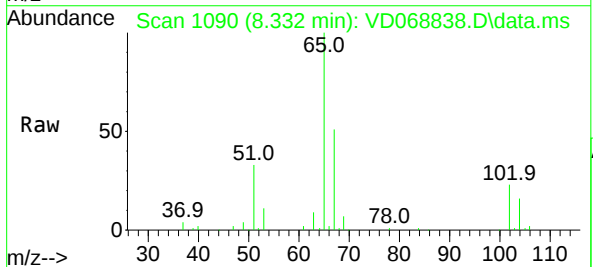
Instrument :
MSVOA_D
ClientSampled :

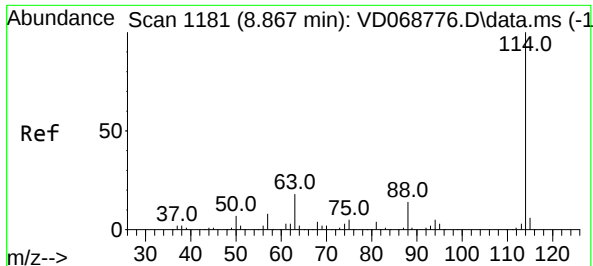
Tgt Ion: 56 Resp: 5384
Ion Ratio Lower Upper
56 100
69 175.0 30.0 45.0#
84 127.1 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 43.27 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068838.D
Acq: 12 Apr 2021 18:01

Tgt Ion: 65 Resp: 109525
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.0

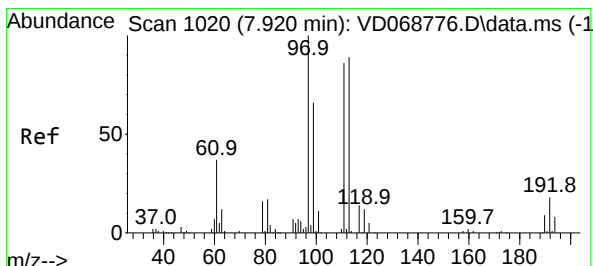
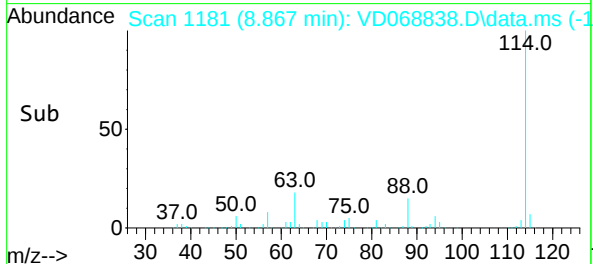
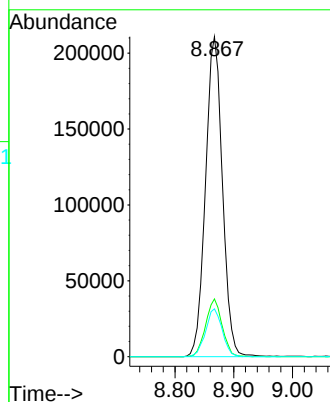
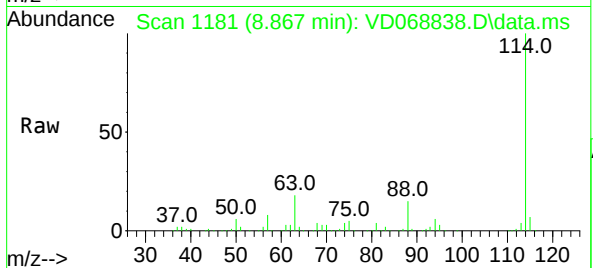




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068838.D
Acq: 12 Apr 2021 18:01

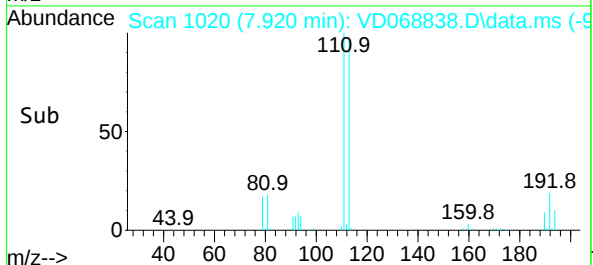
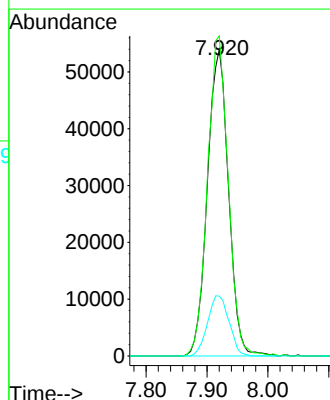
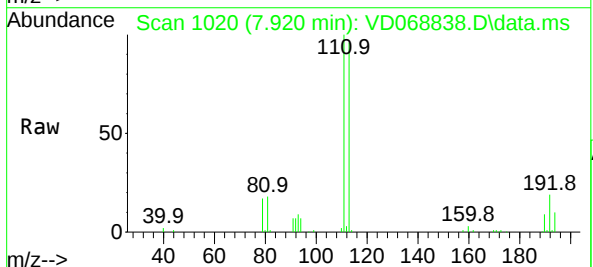
Instrument :
MSVOA_D
ClientSampled :

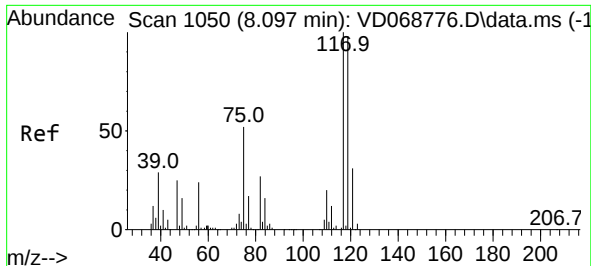
Tgt Ion:114 Resp: 421746
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.2
88 14.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.45 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068838.D
Acq: 12 Apr 2021 18:01

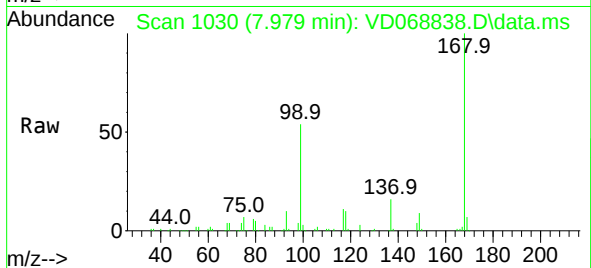
Tgt Ion:113 Resp: 130178
Ion Ratio Lower Upper
113 100
111 102.5 82.5 123.7
192 19.9 15.1 22.7



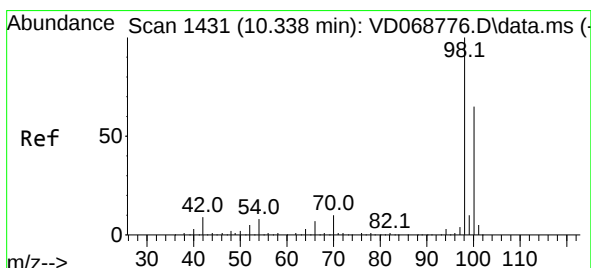
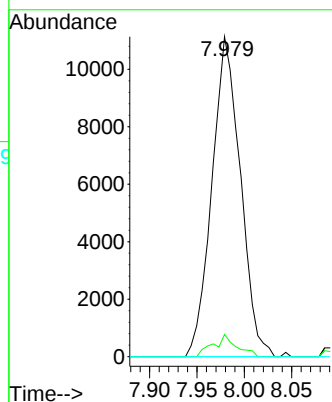
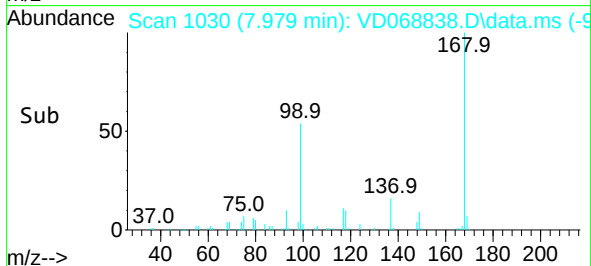


#38
Carbon Tetrachloride
Concen: 5.51 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068838.D
Acq: 12 Apr 2021 18:01

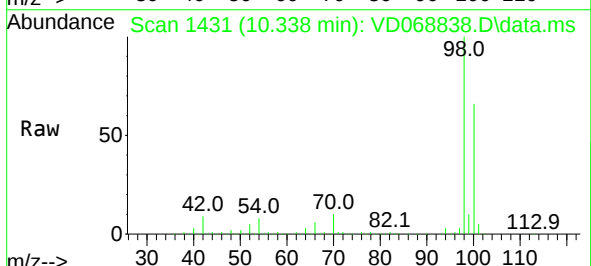
Instrument :
MSVOA_D
ClientSampled :



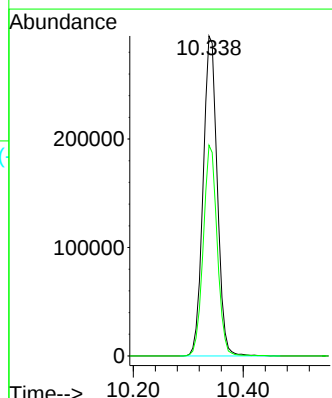
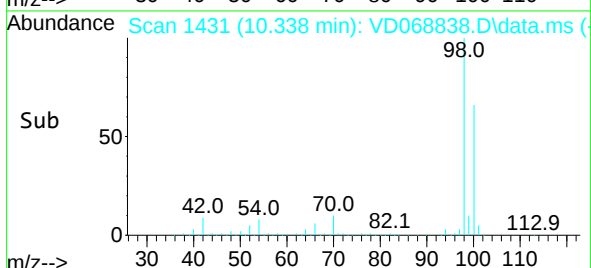
Tgt Ion:117 Resp: 23292
Ion Ratio Lower Upper
117 100
119 7.0 76.6 115.0#
121 0.0 26.1 39.1#

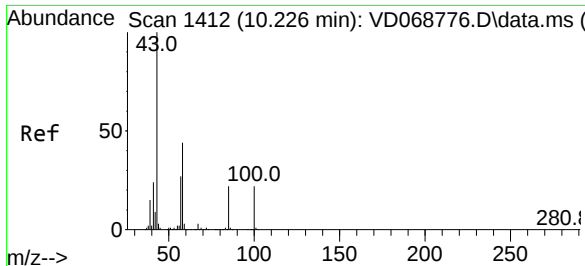


#50
Toluene-d8
Concen: 50.79 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068838.D
Acq: 12 Apr 2021 18:01



Tgt Ion: 98 Resp: 525613
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

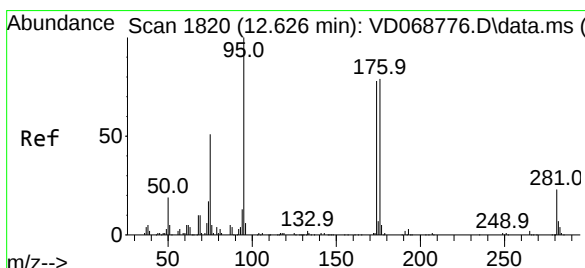
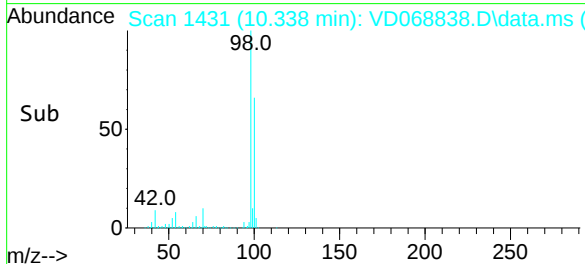
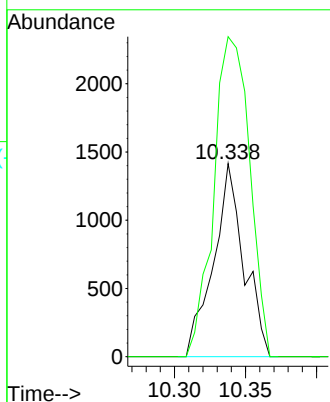
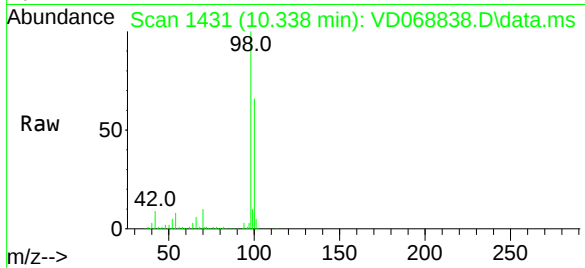




#51
4-Methyl-2-Pentanone
Concen: 1.64 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD068838.D
Acq: 12 Apr 2021 18:01

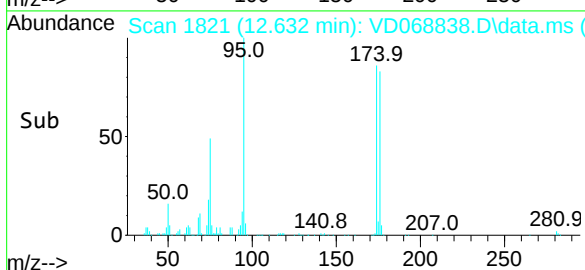
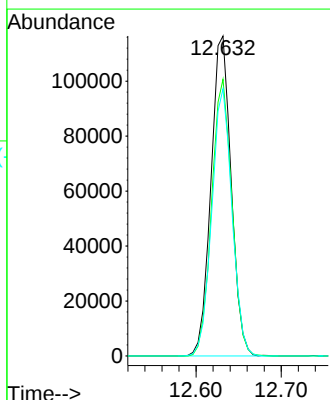
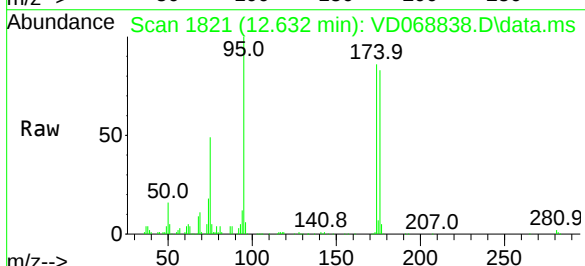
Instrument :
MSVOA_D
ClientSampled :

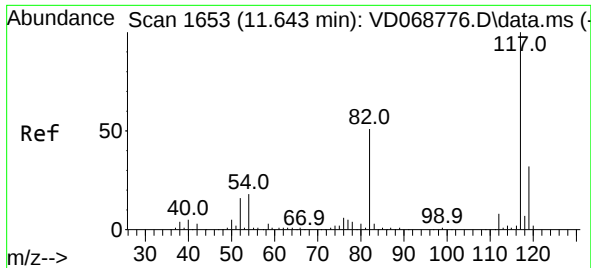
Tgt Ion: 43 Resp: 2119
Ion Ratio Lower Upper
43 100
58 194.6 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 55.91 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068838.D
Acq: 12 Apr 2021 18:01

Tgt Ion: 95 Resp: 192156
Ion Ratio Lower Upper
95 100
174 86.5 0.0 168.0
176 83.4 0.0 160.2

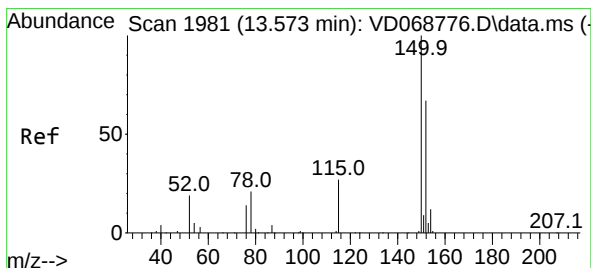
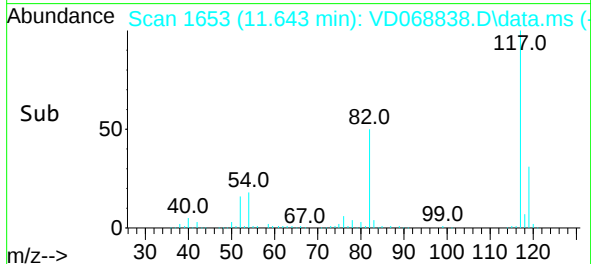
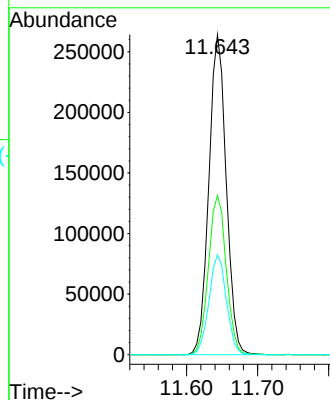
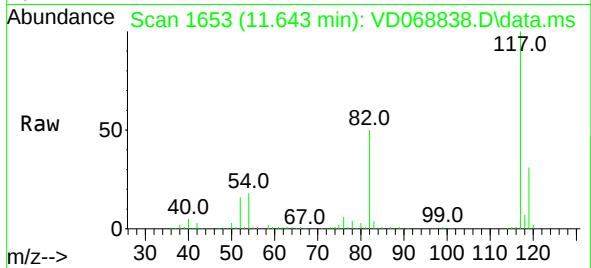




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068838.D
Acq: 12 Apr 2021 18:01

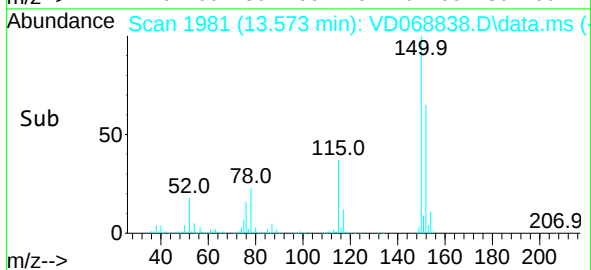
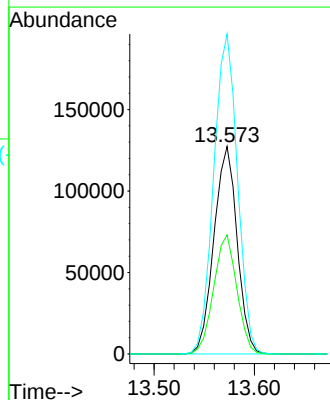
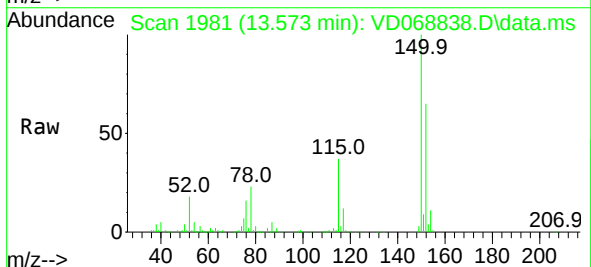
Instrument :
MSVOA_D
ClientSampled :

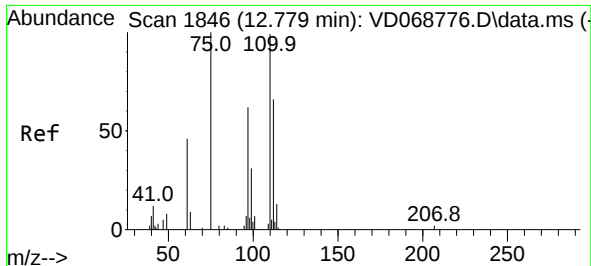
Tgt Ion:117 Resp: 448424
Ion Ratio Lower Upper
117 100
82 49.7 43.5 65.3
119 31.2 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068838.D
Acq: 12 Apr 2021 18:01

Tgt Ion:152 Resp: 204618
Ion Ratio Lower Upper
152 100
115 57.3 29.3 87.8
150 157.8 0.0 347.6

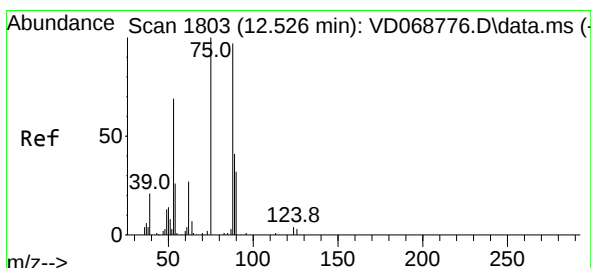
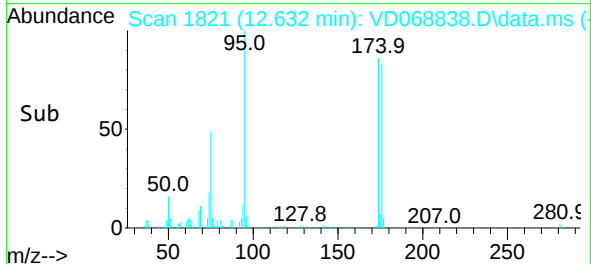
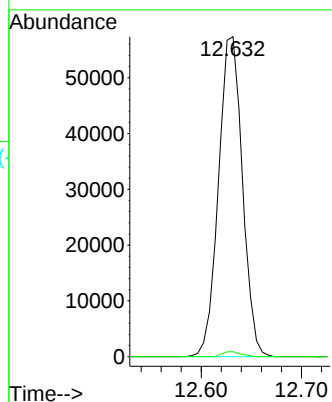
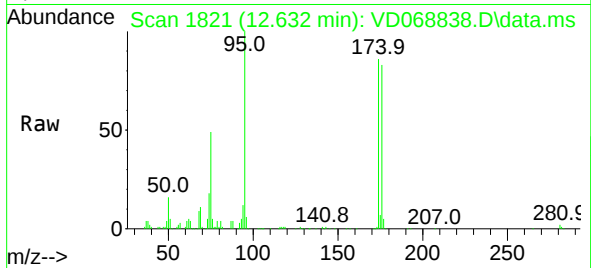




#76
1,2,3-Trichloropropane
Concen: 50.80 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068838.D
Acq: 12 Apr 2021 18:01

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 94968
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.90 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068838.D
Acq: 12 Apr 2021 18:01

Tgt Ion: 75 Resp: 94968
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 36.6 54.8#

