

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068840.D
 Acq On : 12 Apr 2021 18:57
 Operator : VA/SY
 Sample : M1992-01RE
 Misc : 5.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 13 01:12:14 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)

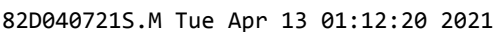
Internal Standards						
1) Pentafluorobenzene	7.985	168	252991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	448631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	484922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	236315	50.00	ug/l	0.00

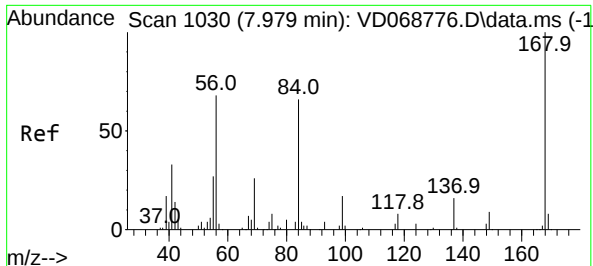
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	120064	44.90	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.80%
35) Dibromofluoromethane	7.920	113	139671	47.86	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.72%
50) Toluene-d8	10.338	98	561361	51.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.00%
62) 4-Bromofluorobenzene	12.632	95	218302	59.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.42%

Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	148	2.29	ug/l #	41
16) Acetone	4.156	43	2876	7.77	ug/l #	80
20) Methylene Chloride	4.979	84	3596	Below Cal	#	80
31) Cyclohexane	7.985	56	5395	1.21	ug/l #	42
36) 1,1-Dichloropropene	7.985	75	18252	4.02	ug/l #	48
38) Carbon Tetrachloride	7.979	117	25113	5.59	ug/l #	16
51) 4-Methyl-2-Pentanone	10.338	43	2061	1.50	ug/l #	1
52) Toluene	10.403	92	10383	1.23	ug/l	92
76) 1,2,3-Trichloropropane	12.632	75	107080	49.60	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	107080	115.11	ug/l #	16

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

Quant Time: Apr 13 01:12:14 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

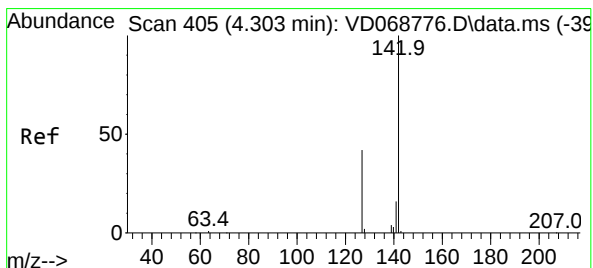
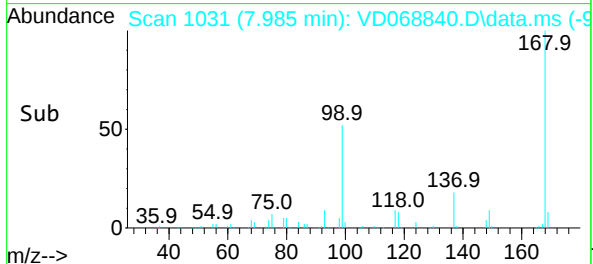
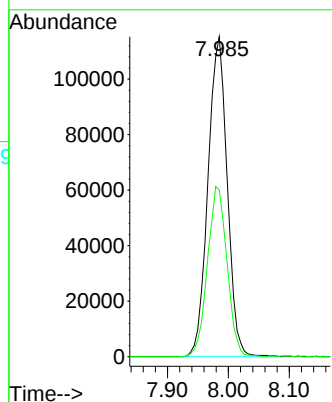
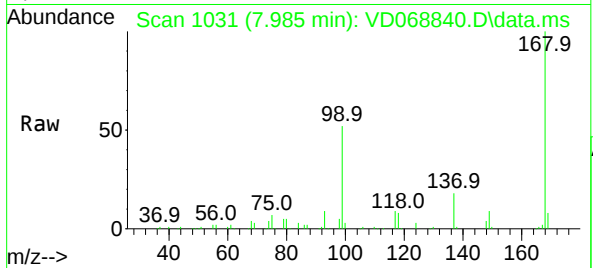




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57

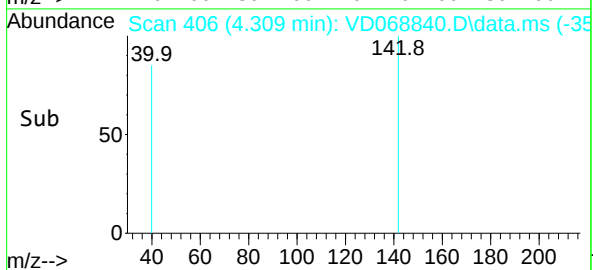
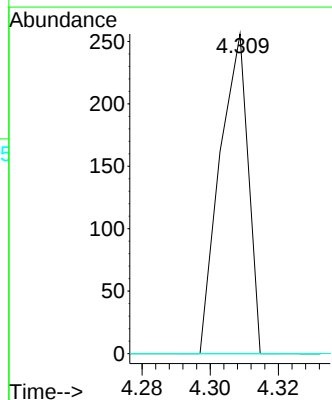
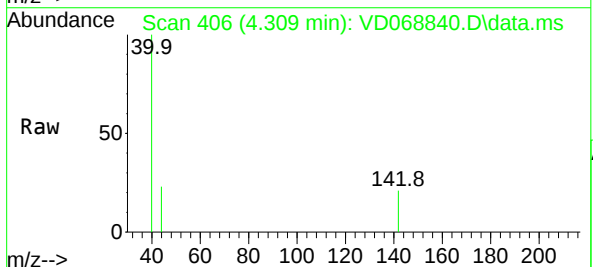
Instrument :
MSVOA_D
ClientSampled :

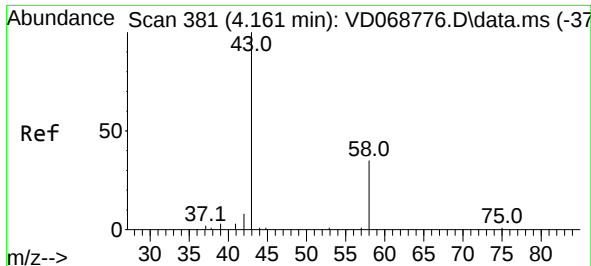
Tgt Ion:168 Resp: 252991
Ion Ratio Lower Upper
168 100
99 52.2 46.2 69.2



#10
Methyl Iodide
Concen: 2.29 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57

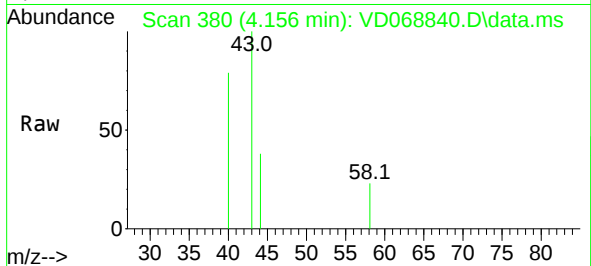
Tgt Ion:142 Resp: 148
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#



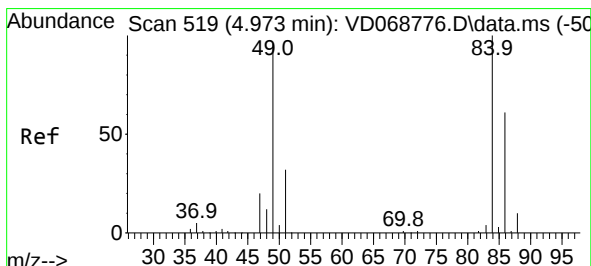
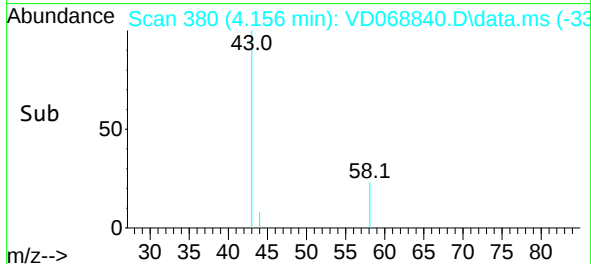
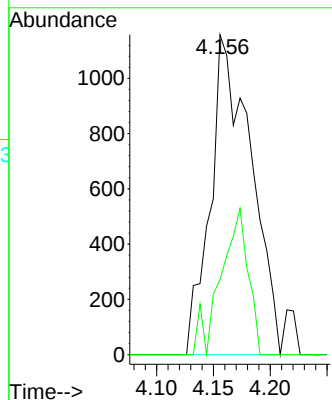


#16
Acetone
Concen: 7.77 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57

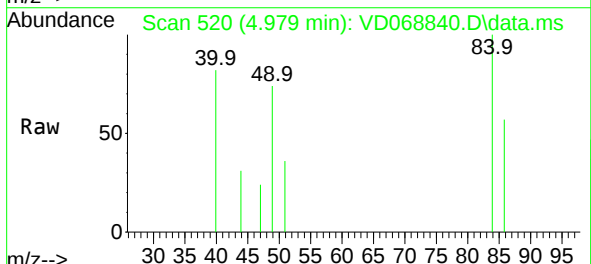
Instrument :
MSVOA_D
ClientSampled :



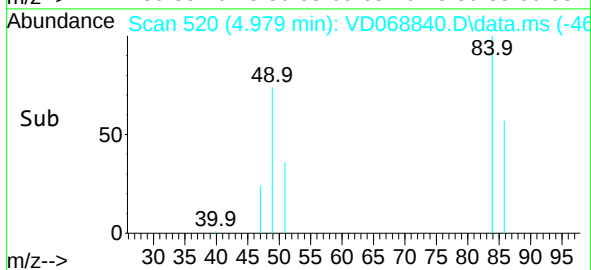
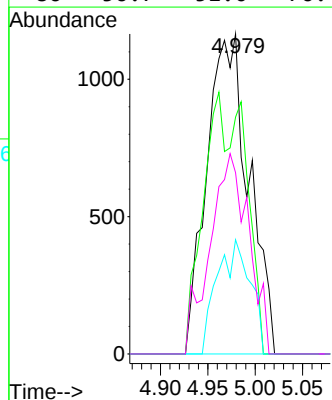
Tgt Ion: 43 Resp: 2876
Ion Ratio Lower Upper
43 100
58 23.5 28.0 42.0#

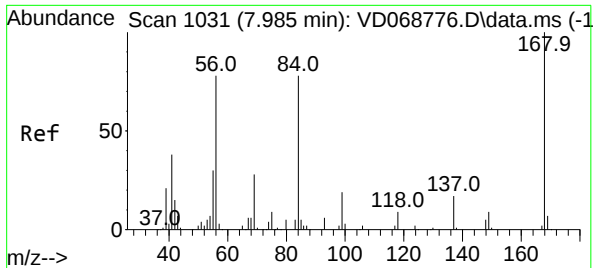


#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57



Tgt Ion: 84 Resp: 3596
Ion Ratio Lower Upper
84 100
49 74.0 83.4 125.0#
51 35.7 23.4 35.2#
86 56.7 51.0 76.4

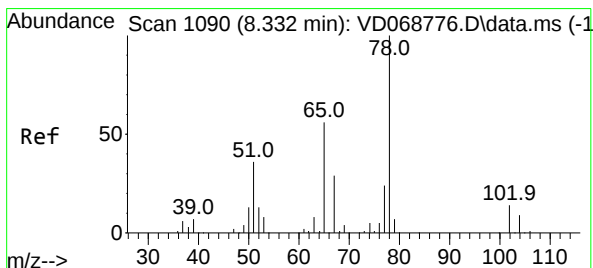
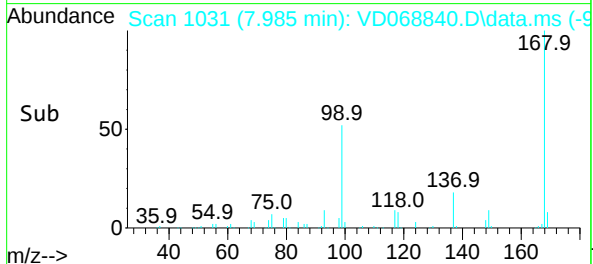
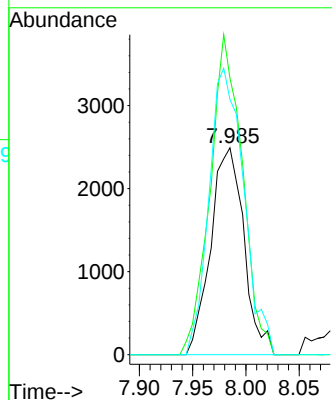
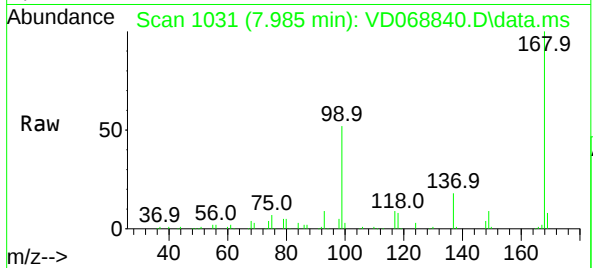




#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57

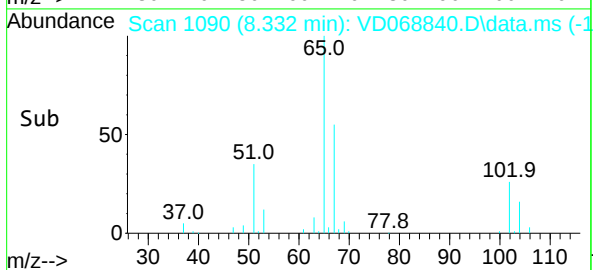
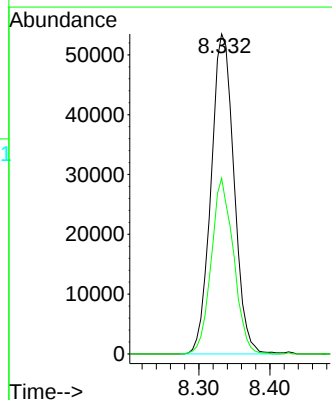
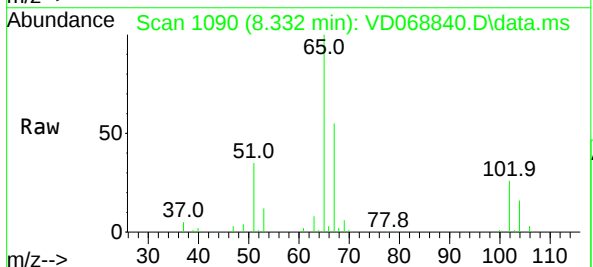
Instrument :
MSVOA_D
ClientSampleId :

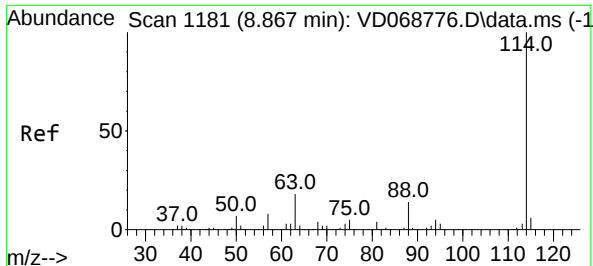
Tgt Ion: 56 Resp: 5395
Ion Ratio Lower Upper
56 100
69 133.6 30.0 45.0#
84 123.4 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 44.90 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57

Tgt Ion: 65 Resp: 120064
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0

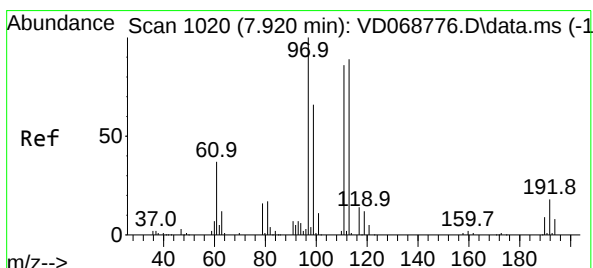
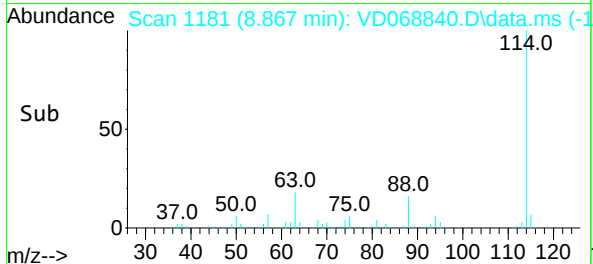
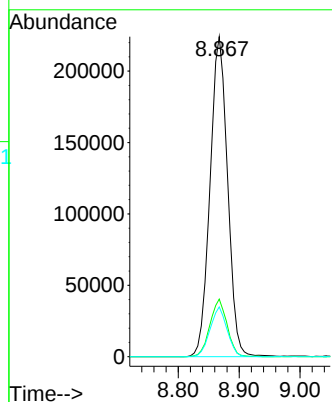
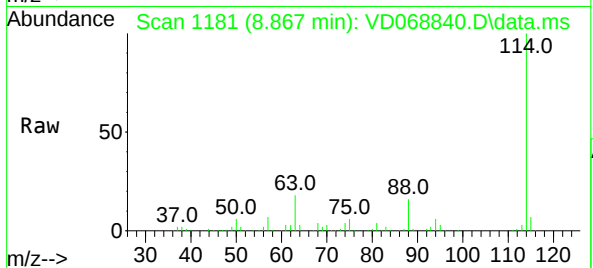




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57

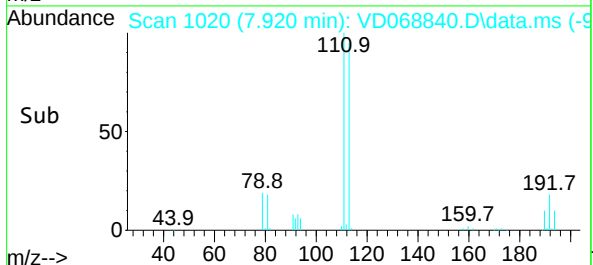
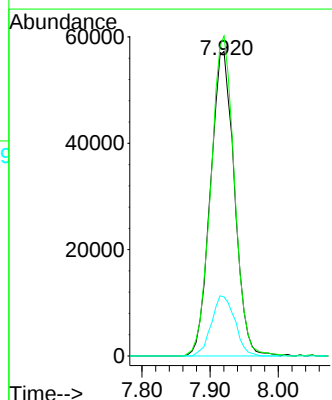
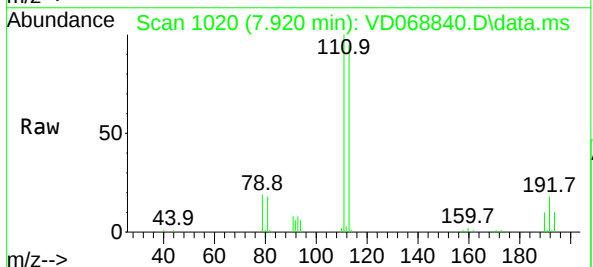
Instrument :
MSVOA_D
ClientSampled :

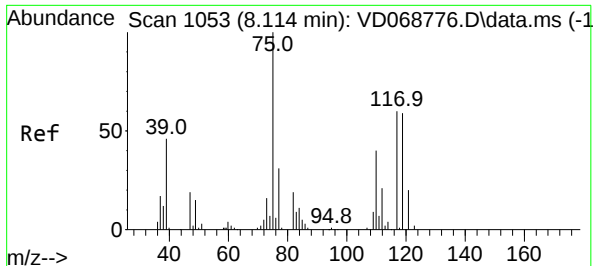
Tgt Ion:114 Resp: 448631
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.2
88 15.6 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.86 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57

Tgt Ion:113 Resp: 139671
Ion Ratio Lower Upper
113 100
111 103.6 82.5 123.7
192 19.4 15.1 22.7

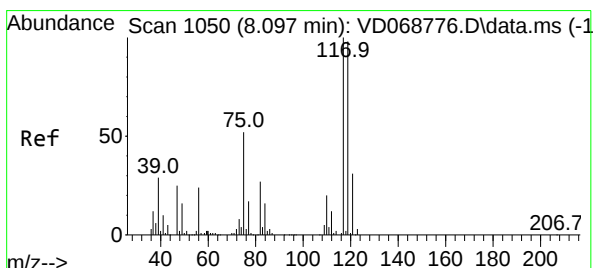
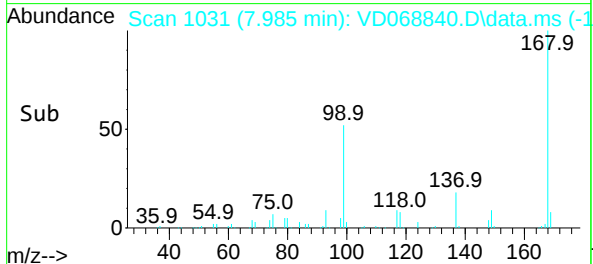
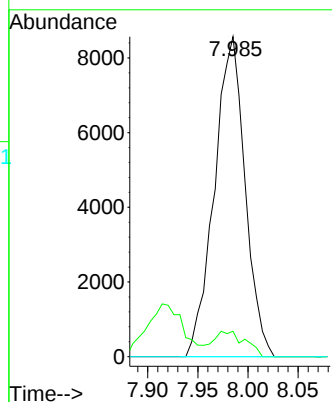
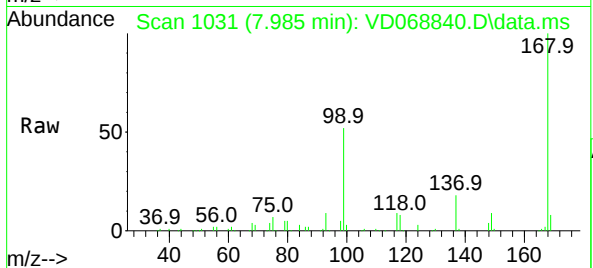




#36
1,1-Dichloropropene
Concen: 4.02 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57

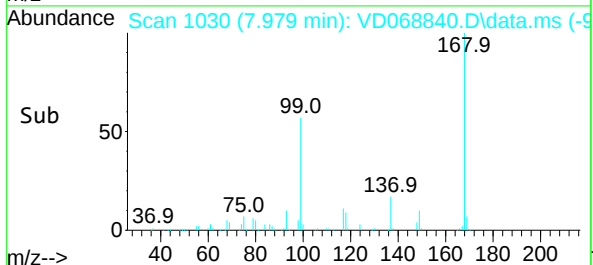
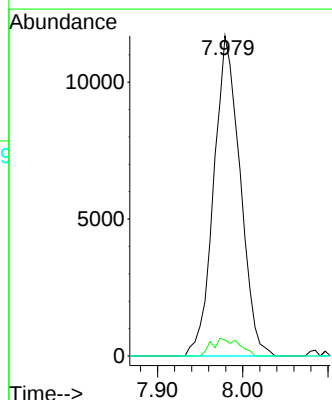
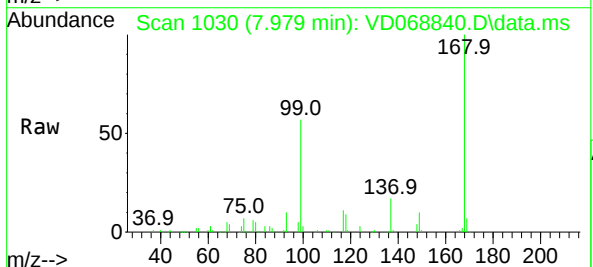
Instrument :
MSVOA_D
ClientSampled :

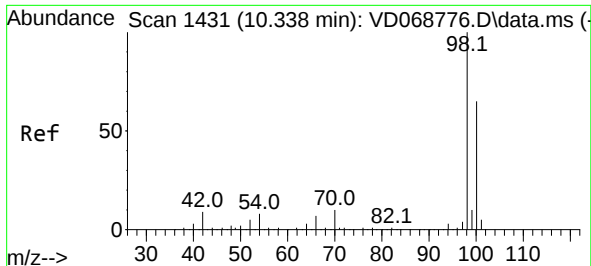
Tgt Ion: 75 Resp: 18252
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.59 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57

Tgt Ion: 117 Resp: 25113
Ion Ratio Lower Upper
117 100
119 5.0 76.6 115.0#
121 0.0 26.1 39.1#

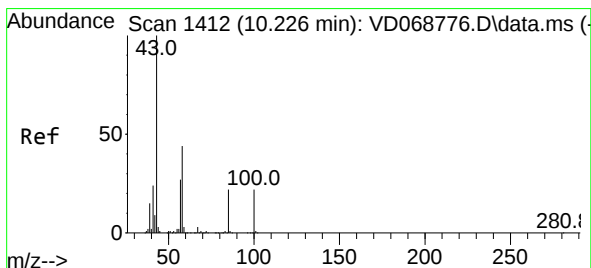
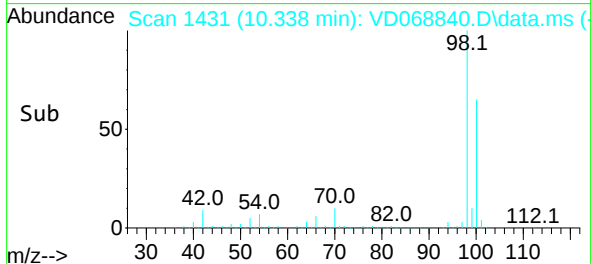
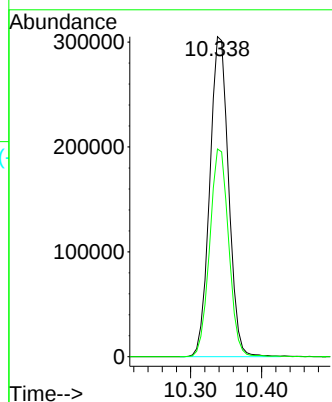
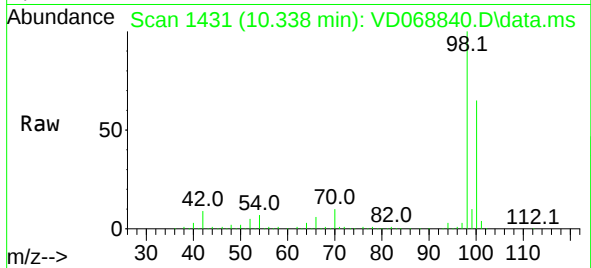




#50
Toluene-d8
Concen: 51.00 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57

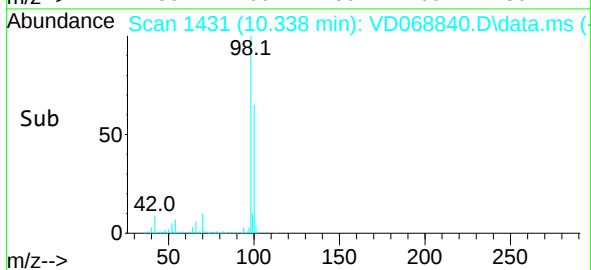
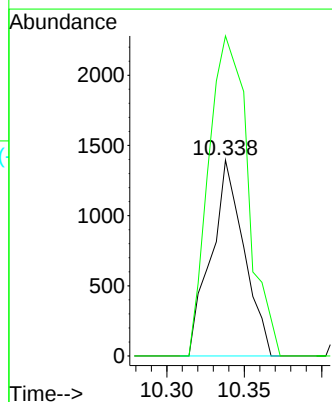
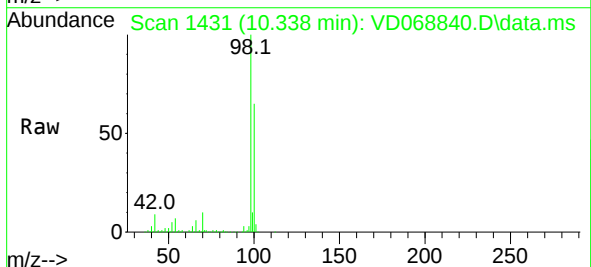
Instrument :
MSVOA_D
ClientSampled :

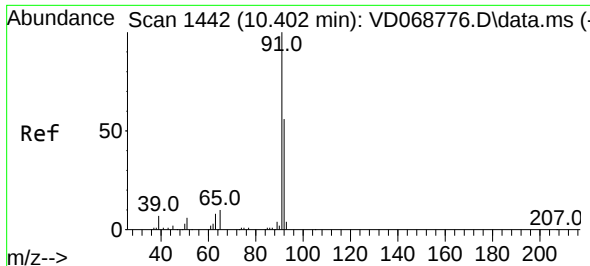
Tgt Ion: 98 Resp: 561361
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.50 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57

Tgt Ion: 43 Resp: 2061
Ion Ratio Lower Upper
43 100
58 195.1 37.3 55.9#

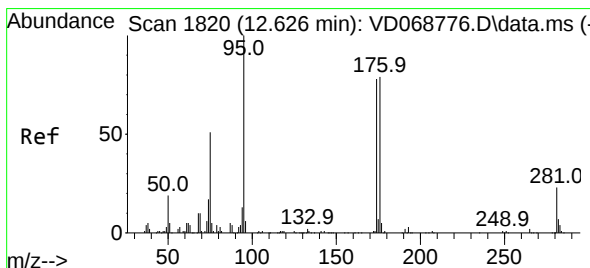
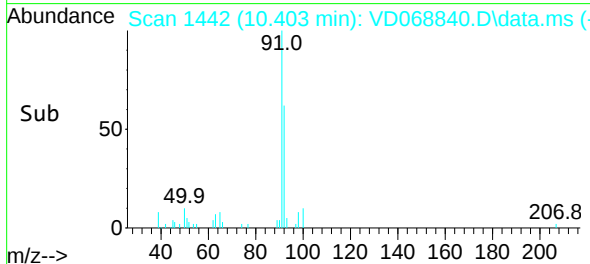
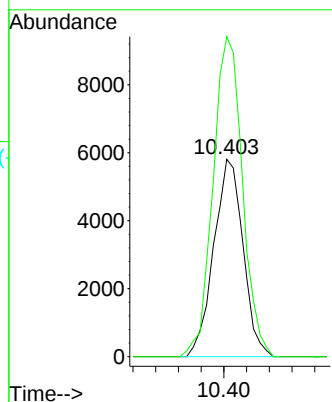
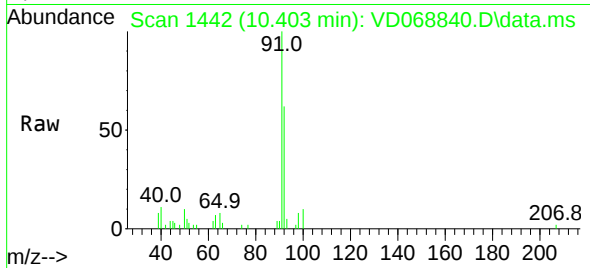




#52
Toluene
Concen: 1.23 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.001 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57

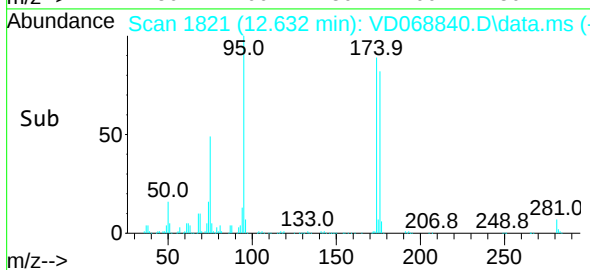
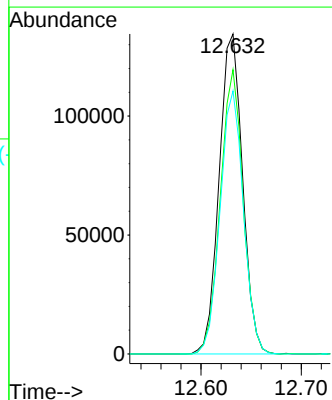
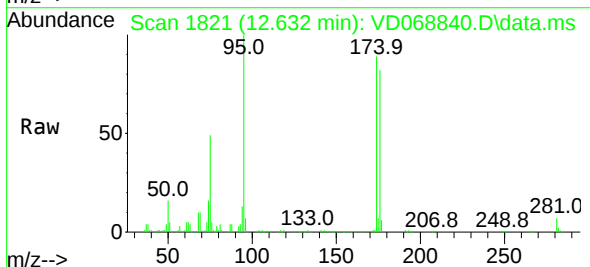
Instrument :
MSVOA_D
ClientSampled :

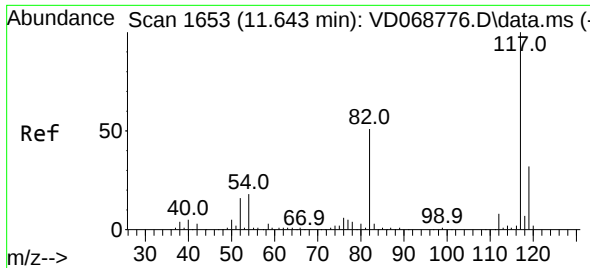
Tgt Ion: 92 Resp: 10383
Ion Ratio Lower Upper
92 100
91 163.1 139.1 208.7



#62
4-Bromofluorobenzene
Concen: 59.71 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57

Tgt Ion: 95 Resp: 218302
Ion Ratio Lower Upper
95 100
174 86.3 0.0 168.0
176 81.8 0.0 160.2

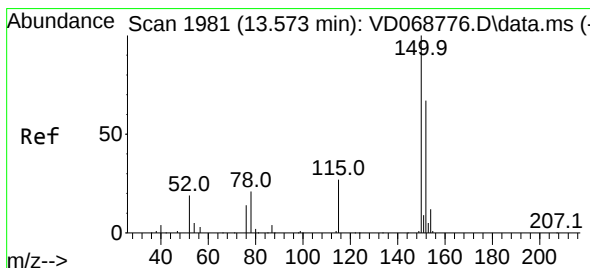
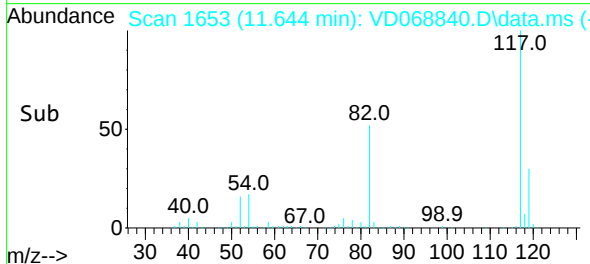
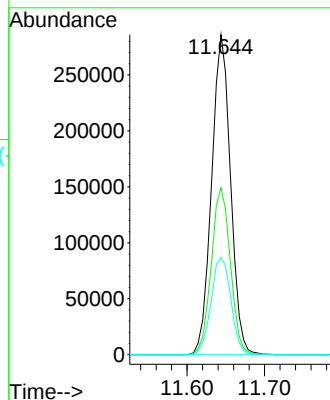
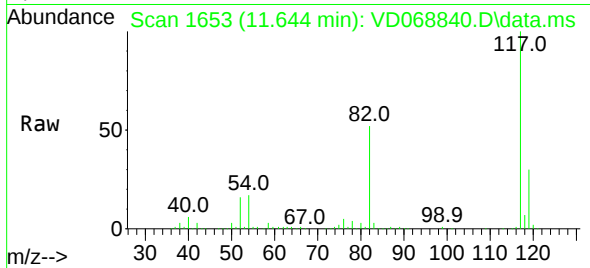




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57

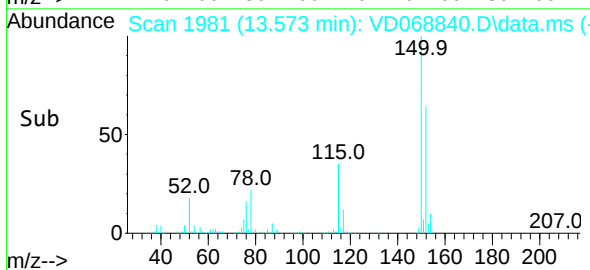
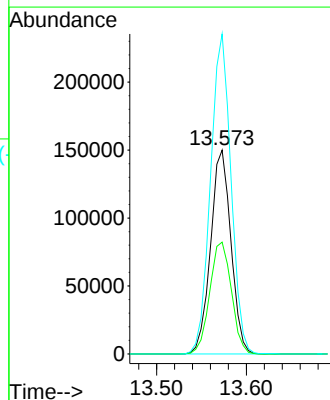
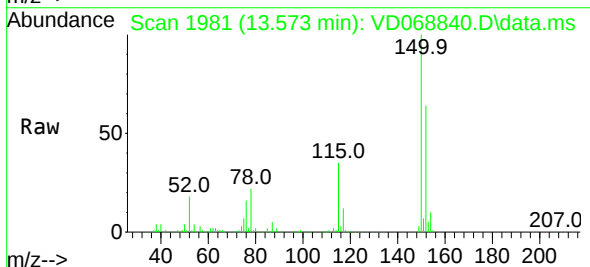
Instrument :
MSVOA_D
ClientSampleId :

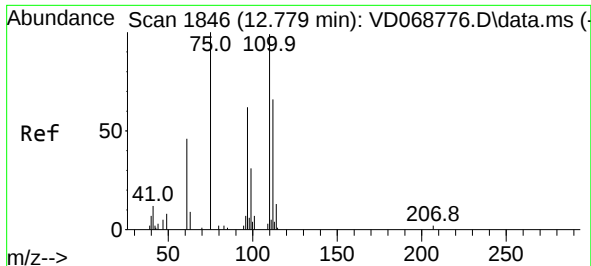
Tgt Ion:117 Resp: 484922
Ion Ratio Lower Upper
117 100
82 52.1 43.5 65.3
119 30.3 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57

Tgt Ion:152 Resp: 236315
Ion Ratio Lower Upper
152 100
115 58.2 29.3 87.8
150 157.6 0.0 347.6

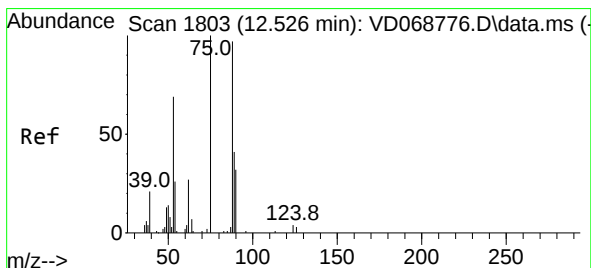
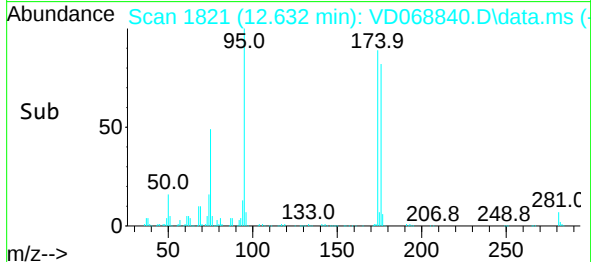
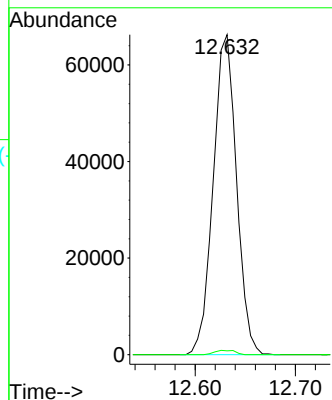
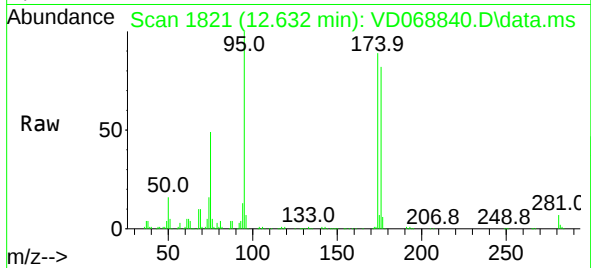




#76
1,2,3-Trichloropropane
Concen: 49.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 107080
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.11 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068840.D
Acq: 12 Apr 2021 18:57

Tgt Ion: 75 Resp: 107080
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 36.6 54.8#

