

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068802.D
 Acq On : 08 Apr 2021 21:16
 Operator : VA/SY
 Sample : M1979-13RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-13RE

Quant Time: Apr 09 02:38:00 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)

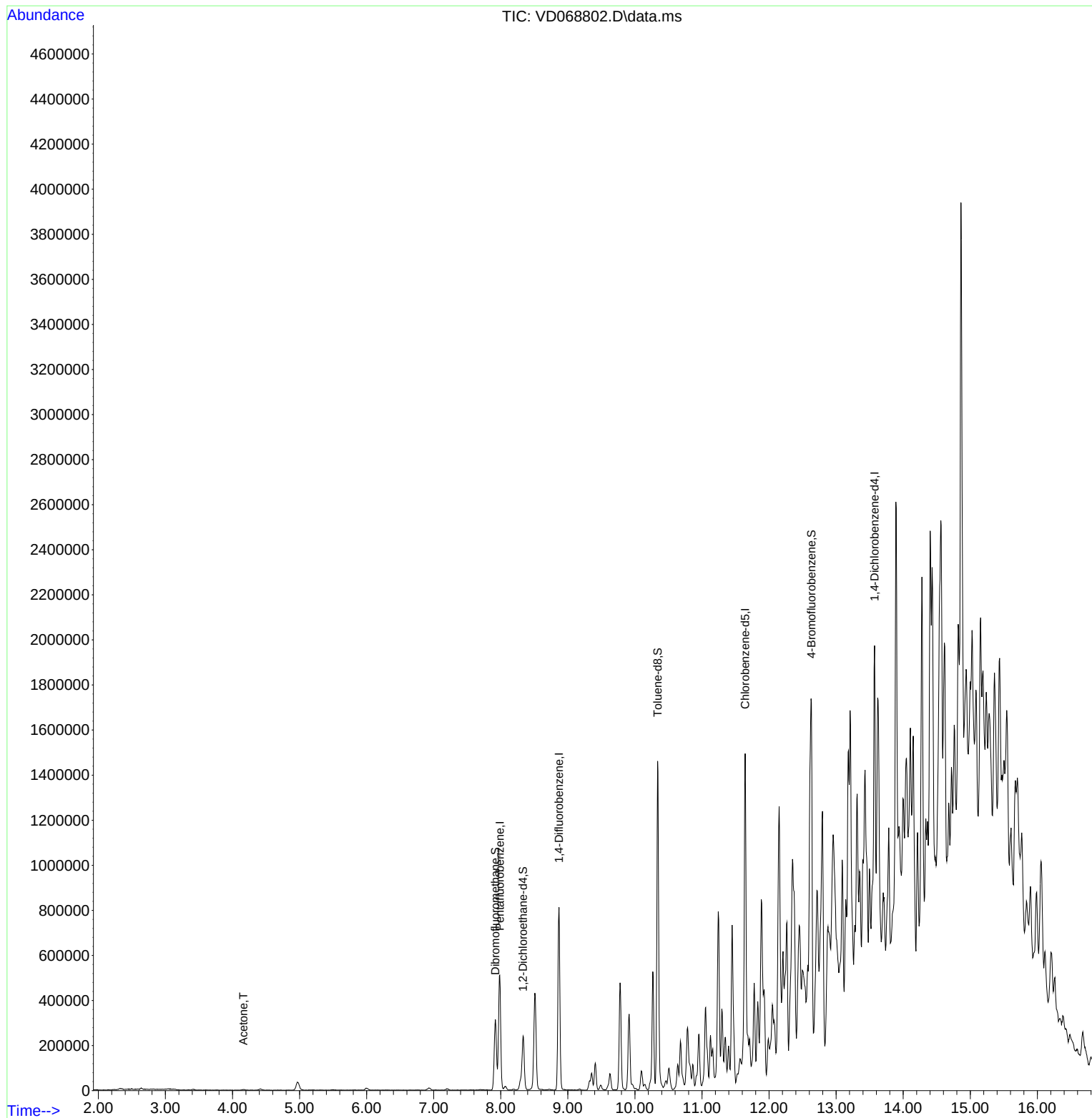
Internal Standards						
1) Pentafluorobenzene	7.985	168	396474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	757034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	801340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	411480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	186524	44.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.02%		
35) Dibromofluoromethane	7.920	113	225324	45.76	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.52%		
50) Toluene-d8	10.338	98	973841	52.43	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.86%		
62) 4-Bromofluorobenzene	12.632	95	422534	68.49	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	136.98%		
Target Compounds					Qvalue	
16) Acetone	4.162	43	5624	9.69	ug/l #	80

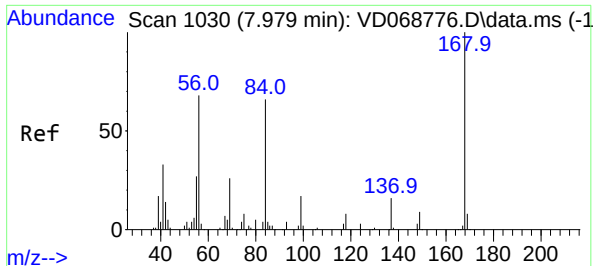
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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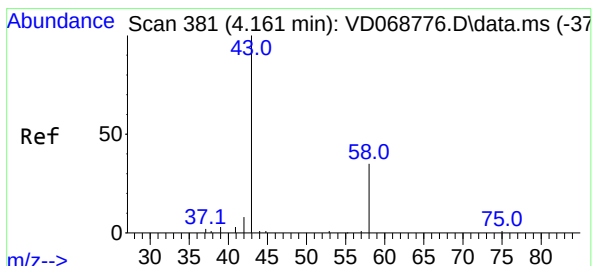
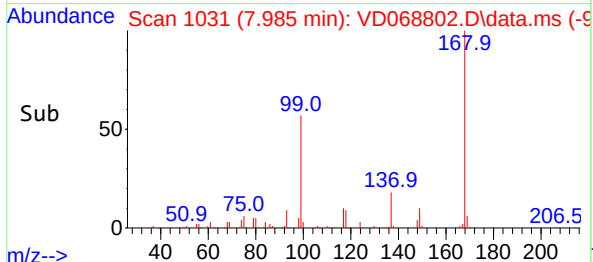
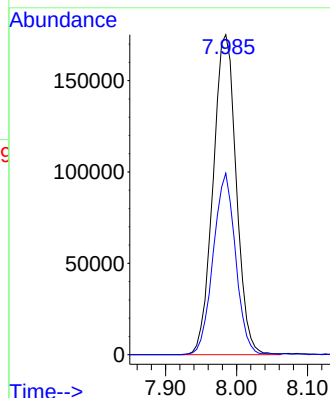
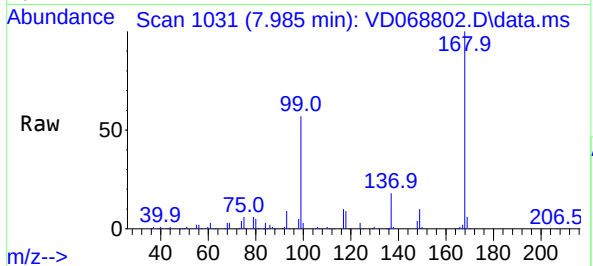




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068802.D
Acq: 08 Apr 2021 21:16

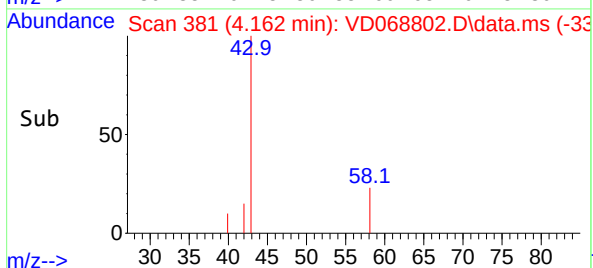
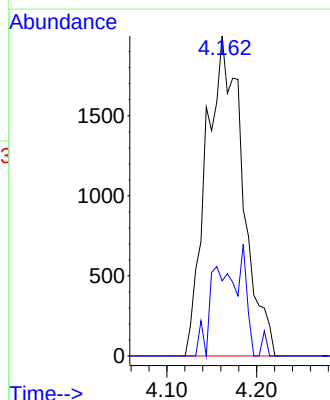
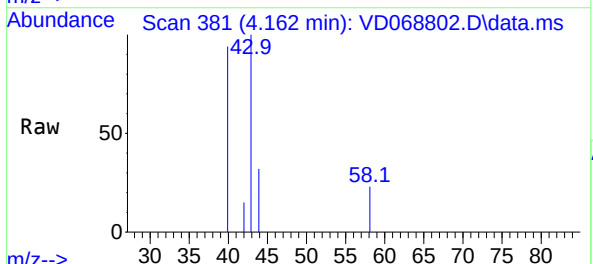
Instrument :
MSVOA_D
ClientSampled :
S-13RE

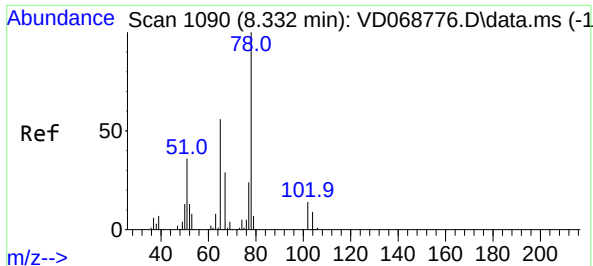
Tgt Ion:168 Resp: 396474
Ion Ratio Lower Upper
168 100
99 56.7 46.2 69.2



#16
Acetone
Concen: 9.69 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068802.D
Acq: 08 Apr 2021 21:16

Tgt Ion: 43 Resp: 5624
Ion Ratio Lower Upper
43 100
58 23.5 28.0 42.0#

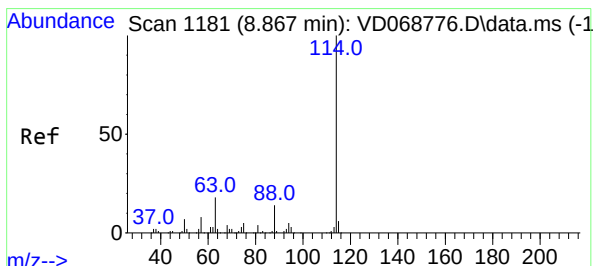
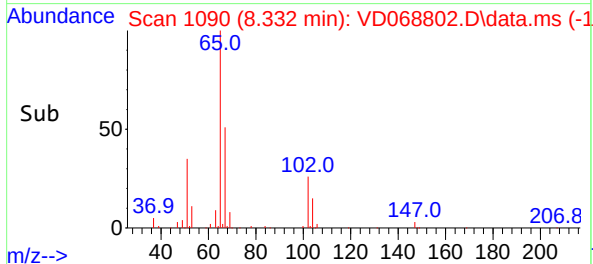
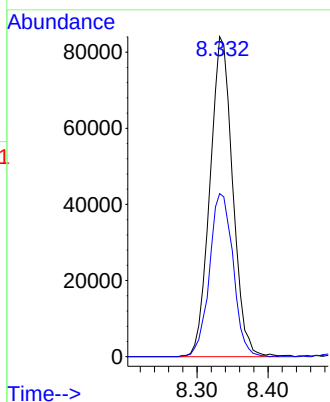
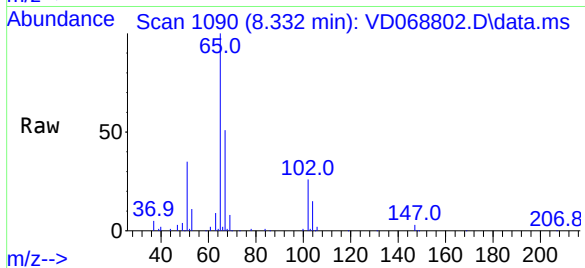




#33
1,2-Dichloroethane-d4
Concen: 44.51 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068802.D
Acq: 08 Apr 2021 21:16

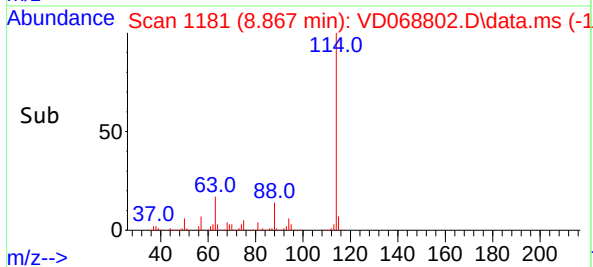
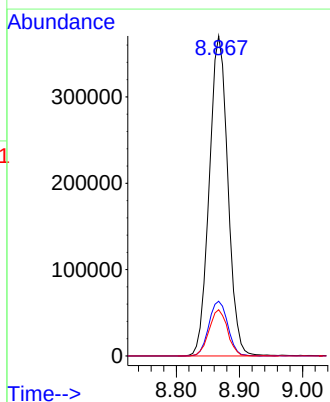
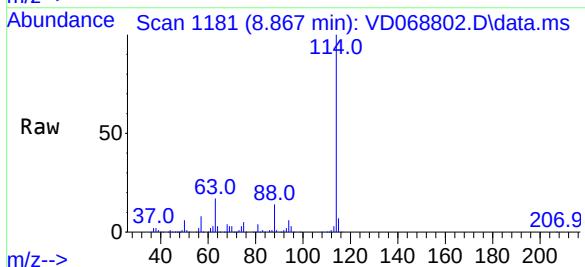
Instrument :
MSVOA_D
ClientSampleId :
S-13RE

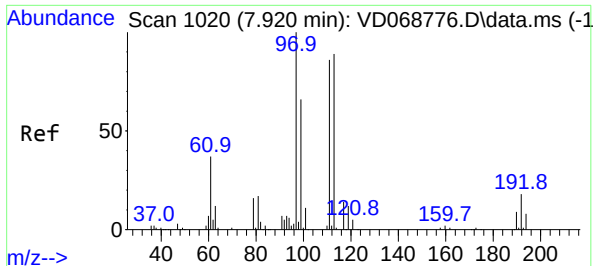
Tgt Ion: 65 Resp: 186524
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068802.D
Acq: 08 Apr 2021 21:16

Tgt Ion:114 Resp: 757034
Ion Ratio Lower Upper
114 100
63 17.1 0.0 38.2
88 14.5 0.0 29.4



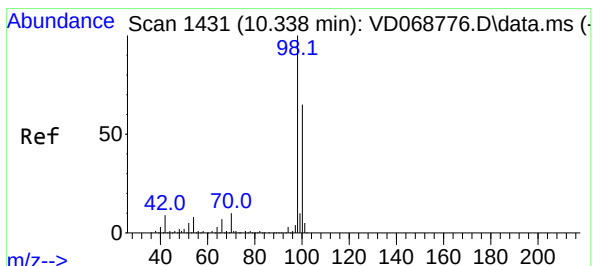
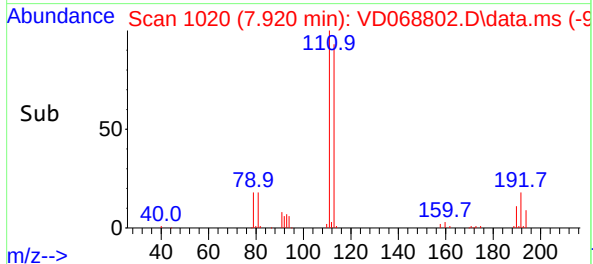
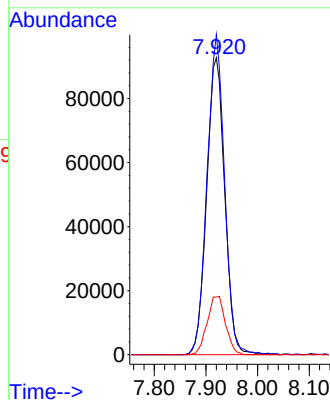
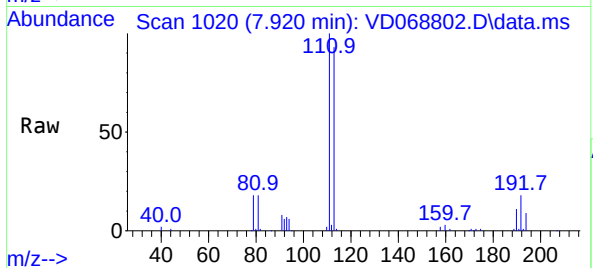


#35

Dibromofluoromethane
Concen: 45.76 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068802.D
Acq: 08 Apr 2021 21:16

Instrument :
MSVOA_D
ClientSampled :
S-13RE

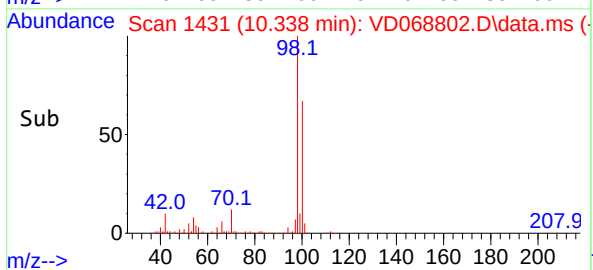
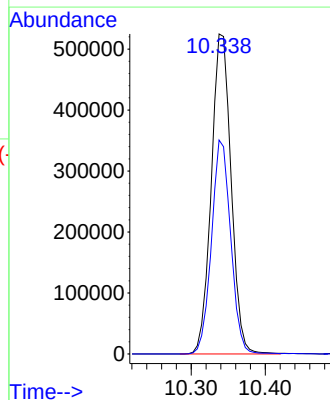
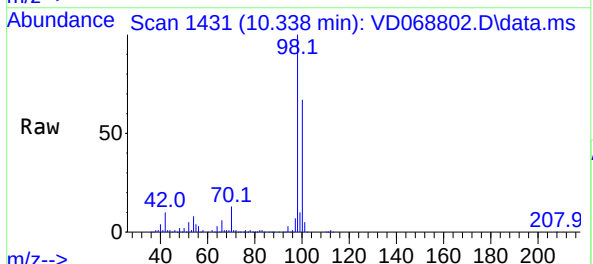
Tgt Ion:113 Resp: 225324
Ion Ratio Lower Upper
113 100
111 104.3 82.5 123.7
192 19.9 15.1 22.7

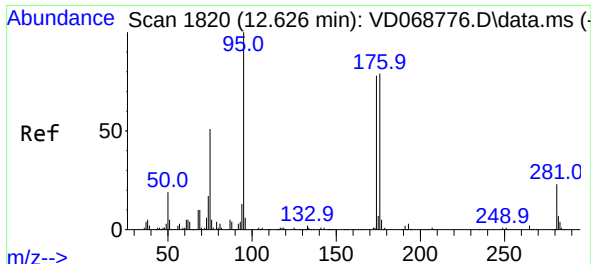


#50

Toluene-d8
Concen: 52.43 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068802.D
Acq: 08 Apr 2021 21:16

Tgt Ion: 98 Resp: 973841
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

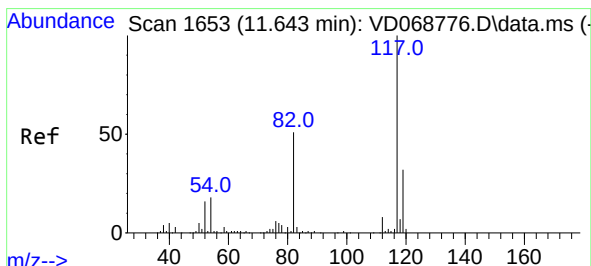
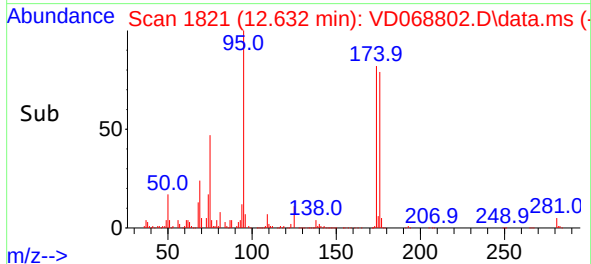
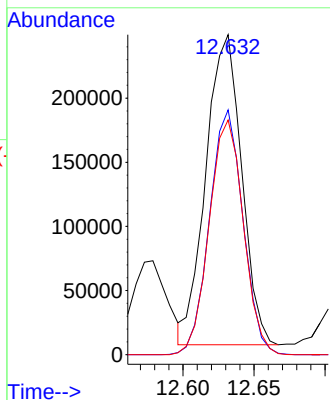
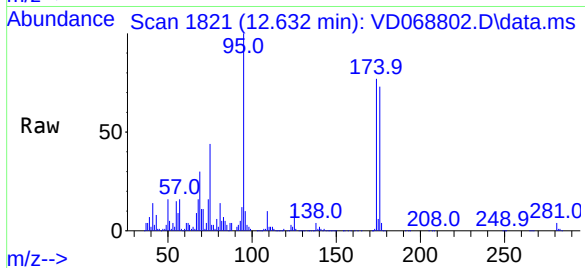




#62
4-Bromofluorobenzene
Concen: 68.49 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068802.D
Acq: 08 Apr 2021 21:16

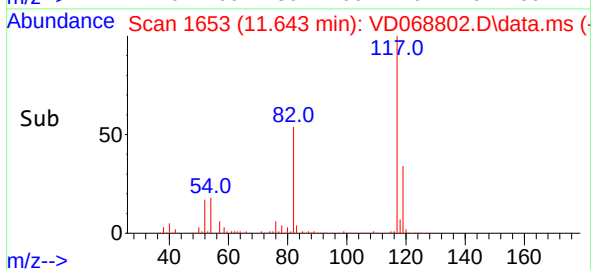
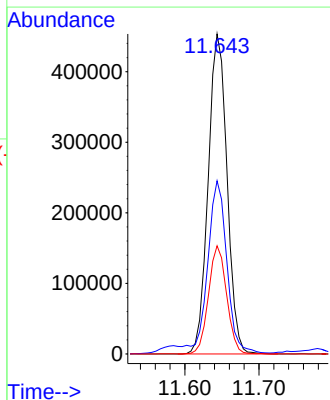
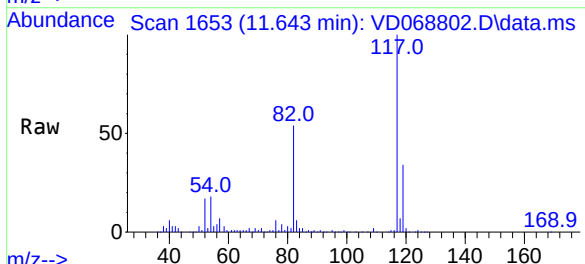
Instrument :
MSVOA_D
ClientSampleId :
S-13RE

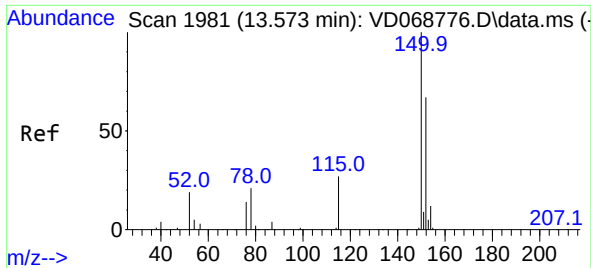
Tgt Ion: 95 Resp: 422534
Ion Ratio Lower Upper
95 100
174 74.0 0.0 168.0
176 72.5 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068802.D
Acq: 08 Apr 2021 21:16

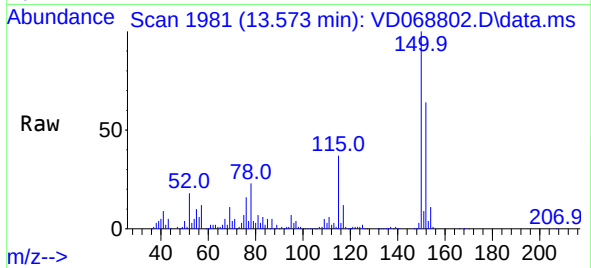
Tgt Ion: 117 Resp: 801340
Ion Ratio Lower Upper
117 100
82 53.6 43.5 65.3
119 33.8 26.7 40.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068802.D
Acq: 08 Apr 2021 21:16

Instrument :
MSVOA_D
ClientSampleId :
S-13RE



Tgt Ion:152 Resp: 411480
Ion Ratio Lower Upper
152 100
115 55.9 29.3 87.8
150 149.0 0.0 347.6

