

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068801.D
 Acq On : 08 Apr 2021 20:48
 Operator : VA/SY
 Sample : M1979-05
 Misc : 4.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-5

Quant Time: Apr 09 01:05:59 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)

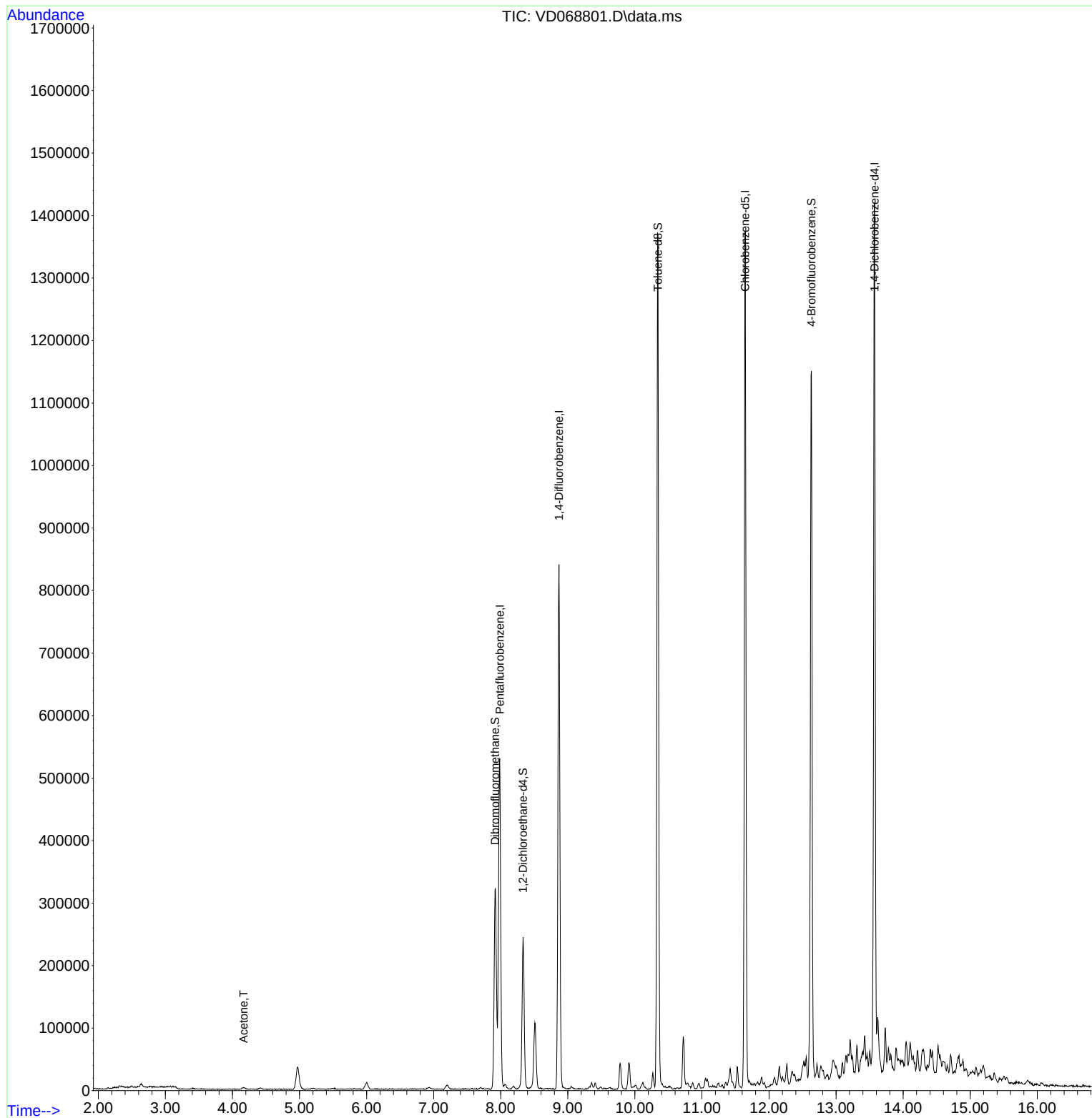
Internal Standards						
1) Pentafluorobenzene	7.985	168	415133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	773620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	808430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	401730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	188616	42.99	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	85.98%	
35) Dibromofluoromethane	7.914	113	233263	46.36	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	92.72%	
50) Toluene-d8	10.344	98	978911	51.57	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.632	95	365955	58.05	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	=	116.10%	
Target Compounds					Qvalue	
16) Acetone	4.168	43	5212	8.58	ug/l	93

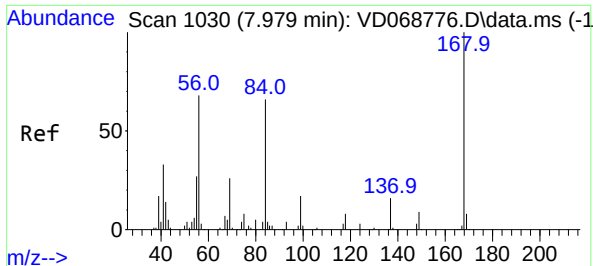
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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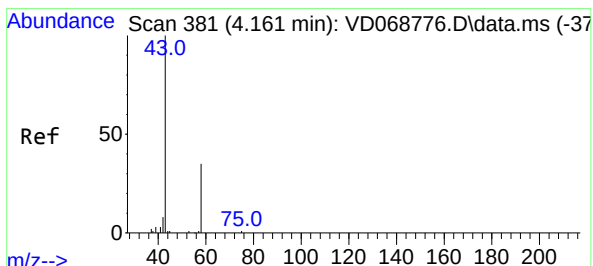
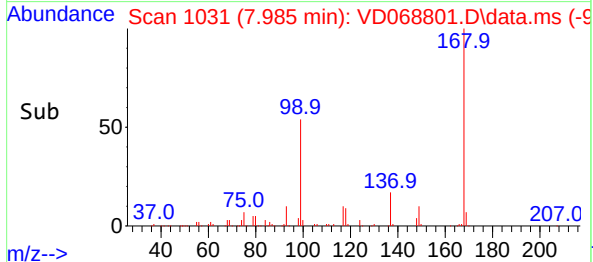
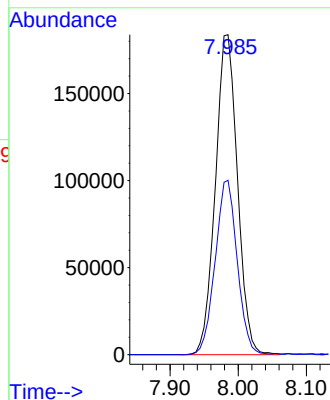
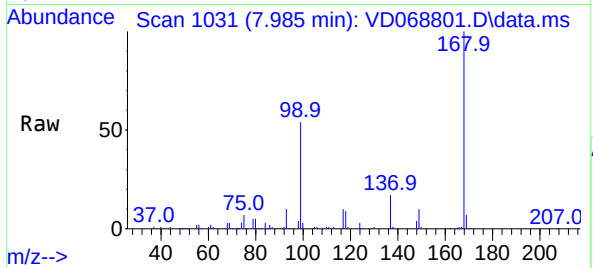




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068801.D
Acq: 08 Apr 2021 20:48

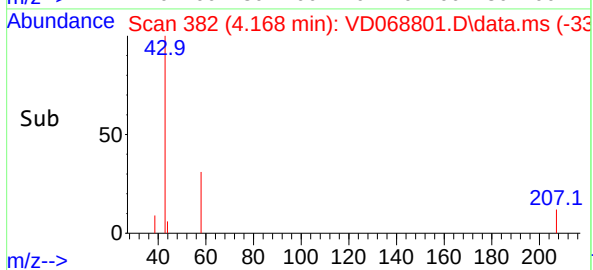
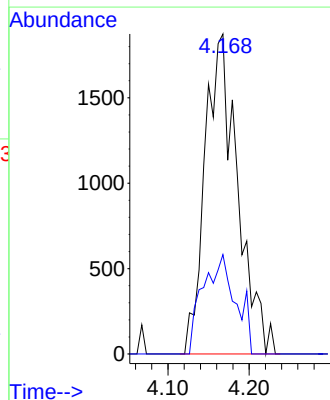
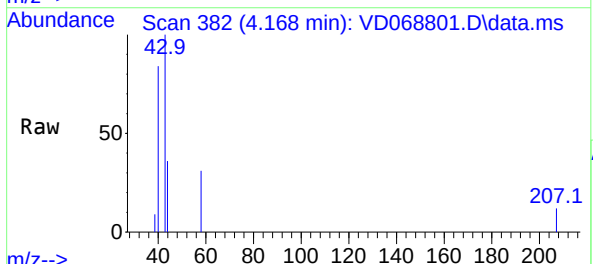
Instrument :
MSVOA_D
ClientSampled :
S-5

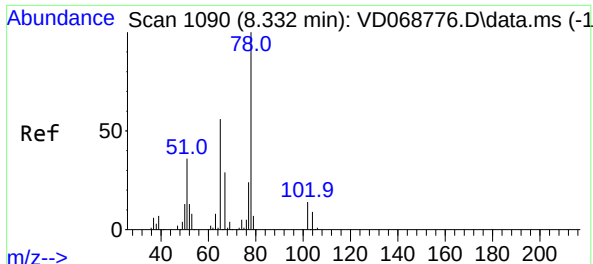
Tgt Ion:168 Resp: 415133
Ion Ratio Lower Upper
168 100
99 54.5 46.2 69.2



#16
Acetone
Concen: 8.58 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.007 min
Lab File: VD068801.D
Acq: 08 Apr 2021 20:48

Tgt Ion: 43 Resp: 5212
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0



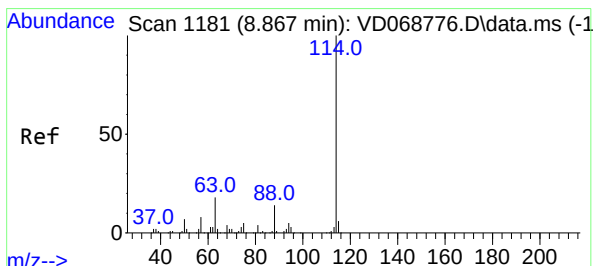
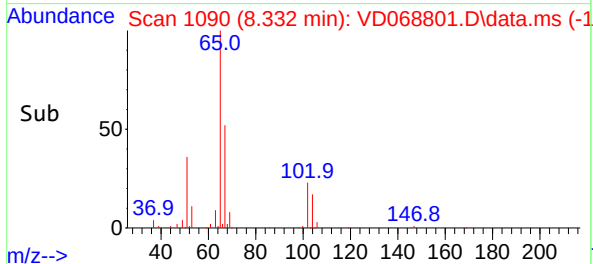
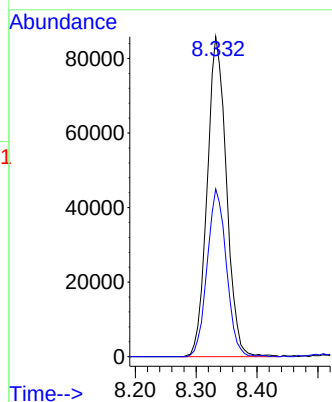
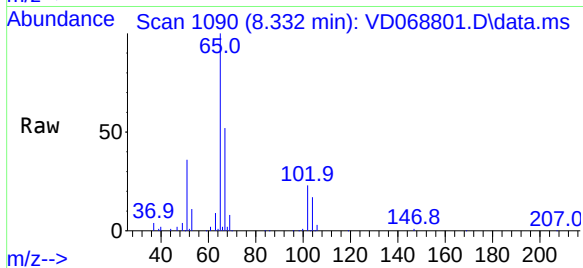


#33

1,2-Dichloroethane-d4
Concen: 42.99 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068801.D
Acq: 08 Apr 2021 20:48

Instrument :
MSVOA_D
ClientSampled :
S-5

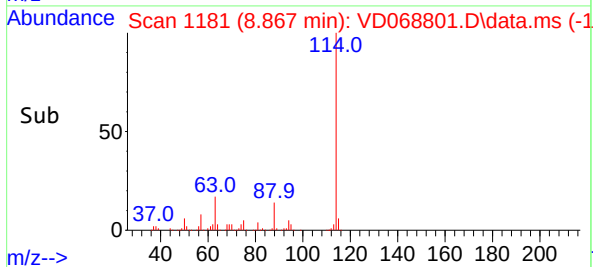
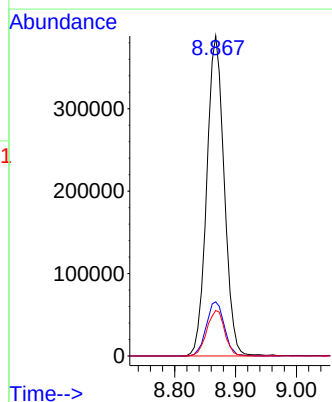
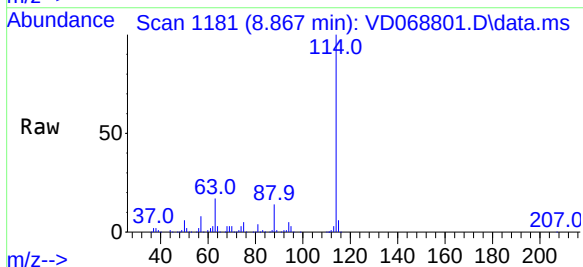
Tgt Ion: 65 Resp: 188616
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.0

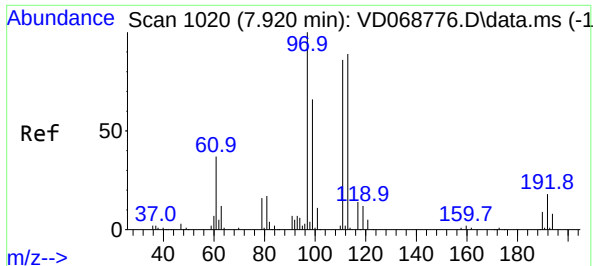


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068801.D
Acq: 08 Apr 2021 20:48

Tgt Ion:114 Resp: 773620
Ion Ratio Lower Upper
114 100
63 16.9 0.0 38.2
88 14.2 0.0 29.4

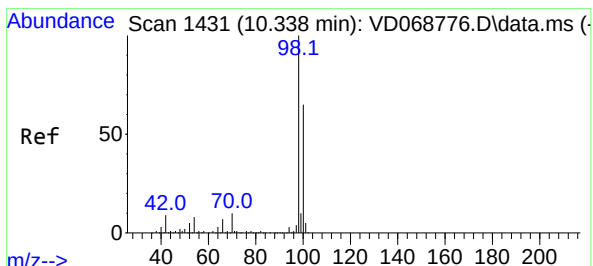
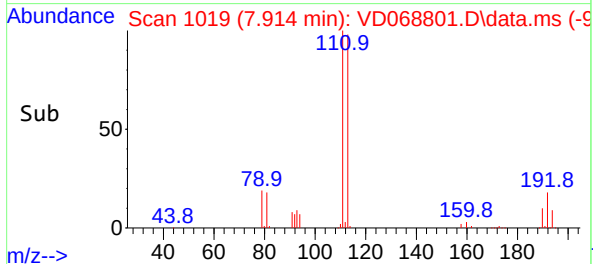
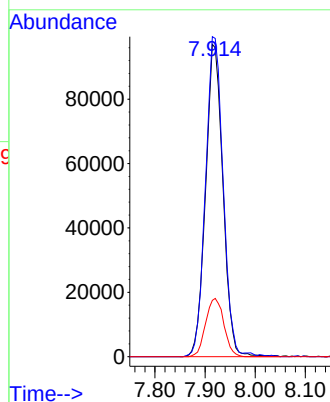
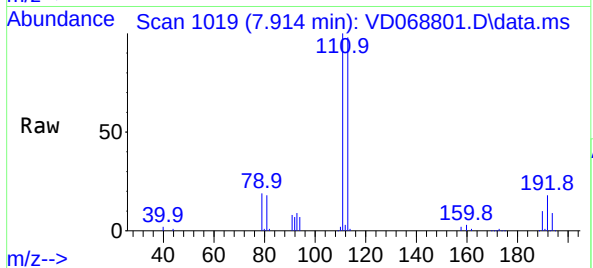




#35
Dibromofluoromethane
Concen: 46.36 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068801.D
Acq: 08 Apr 2021 20:48

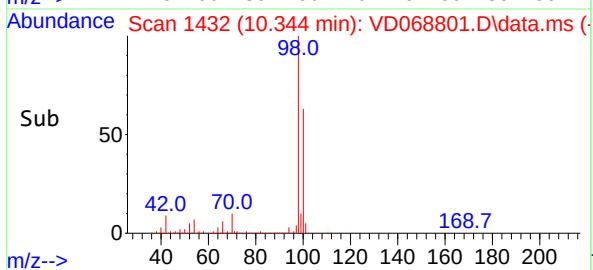
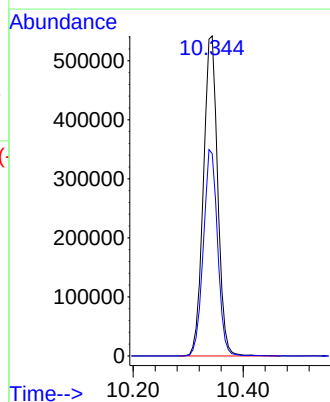
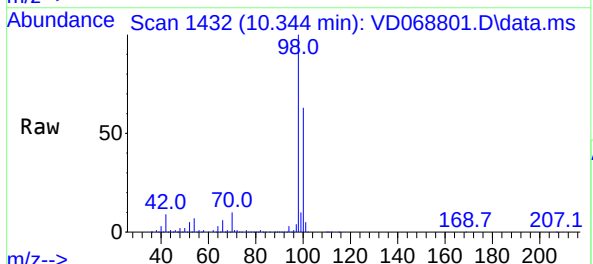
Instrument :
MSVOA_D
ClientSampled :
S-5

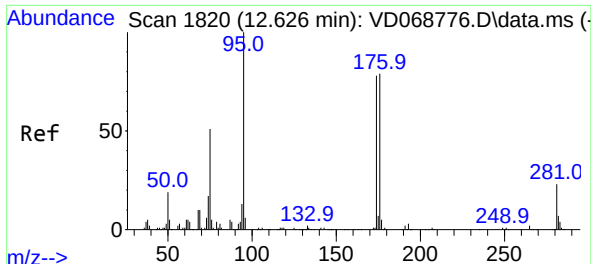
Tgt Ion:113 Resp: 233263
Ion Ratio Lower Upper
113 100
111 103.8 82.5 123.7
192 19.6 15.1 22.7



#50
Toluene-d8
Concen: 51.57 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068801.D
Acq: 08 Apr 2021 20:48

Tgt Ion: 98 Resp: 978911
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

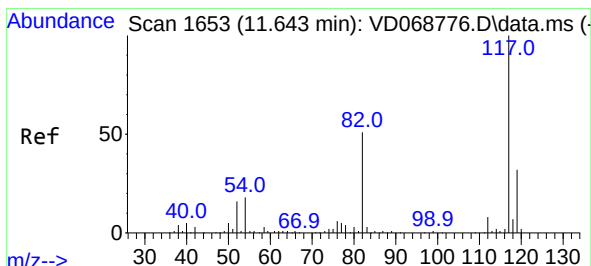
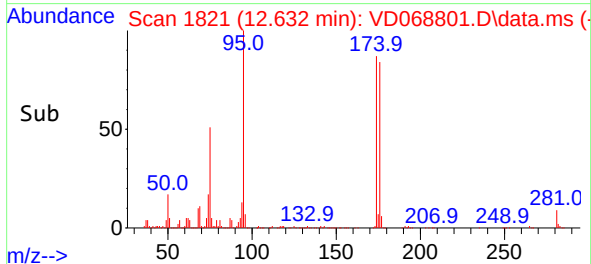
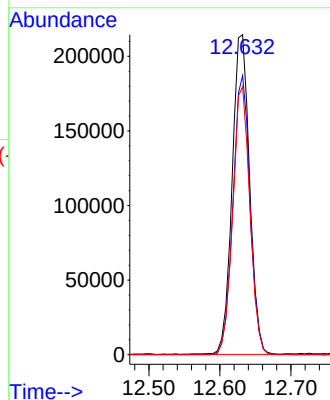
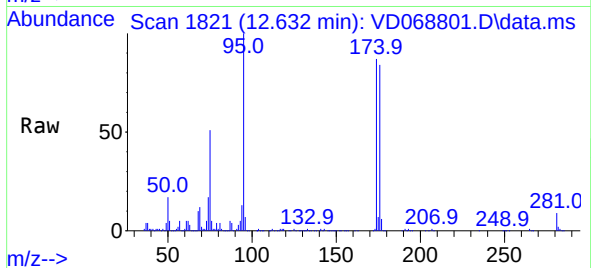




#62
4-Bromofluorobenzene
Concen: 58.05 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068801.D
Acq: 08 Apr 2021 20:48

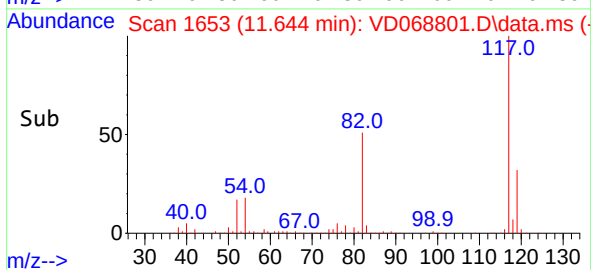
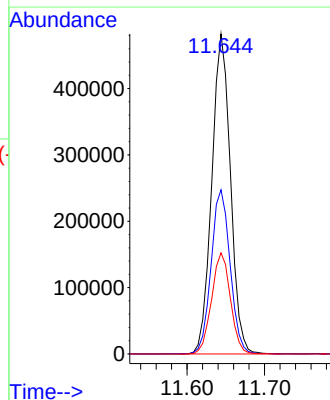
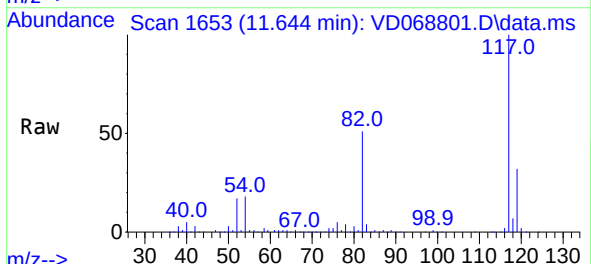
Instrument :
MSVOA_D
ClientSampled :
S-5

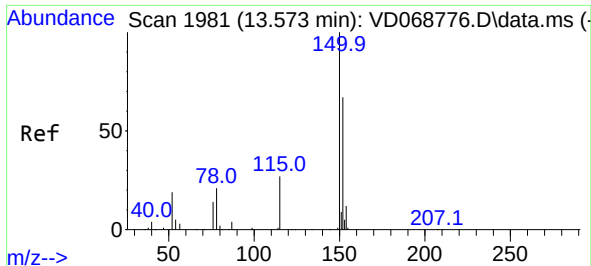
Tgt Ion: 95 Resp: 365955
Ion Ratio Lower Upper
95 100
174 85.2 0.0 168.0
176 82.0 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068801.D
Acq: 08 Apr 2021 20:48

Tgt Ion: 117 Resp: 808430
Ion Ratio Lower Upper
117 100
82 51.3 43.5 65.3
119 31.6 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: VD068801.D
 Acq: 08 Apr 2021 20:48

Instrument :
 MSVOA_D
 ClientSampleId :
 S-5

Tgt Ion:152 Resp: 401730
 Ion Ratio Lower Upper
 152 100
 115 57.0 29.3 87.8
 150 155.6 0.0 347.6

