

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068800.D
 Acq On : 08 Apr 2021 20:20
 Operator : VA/SY
 Sample : M1979-04
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-4

Quant Time: Apr 09 01:05:44 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)

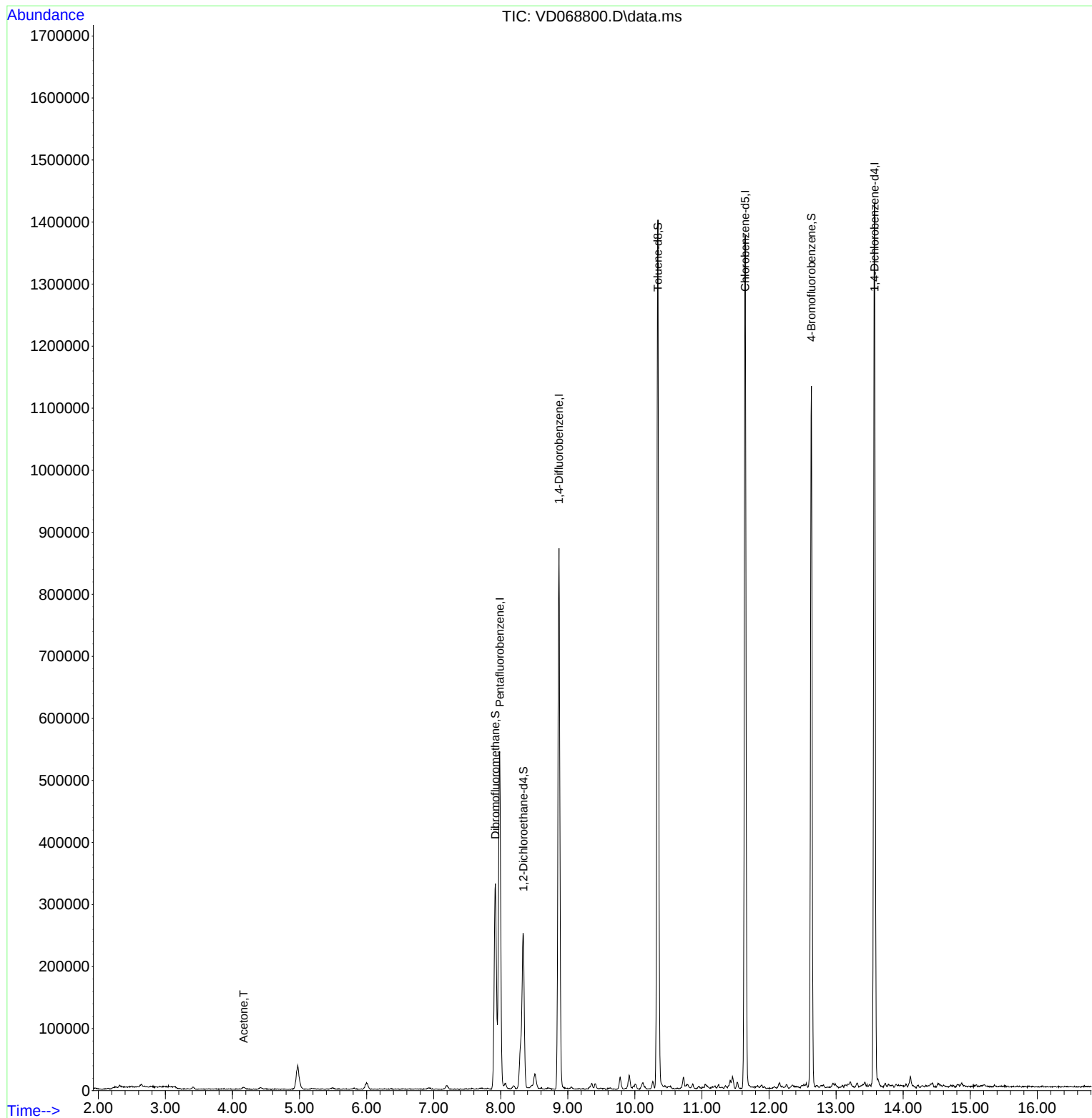
Internal Standards						
1) Pentafluorobenzene	7.985	168	424019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	794626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	834395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	401370	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	198444	44.28	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 88.56%			
35) Dibromofluoromethane	7.920	113	242826	46.98	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.96%			
50) Toluene-d8	10.344	98	991713	50.86	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.72%			
62) 4-Bromofluorobenzene	12.632	95	370023	57.14	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.28%			
Target Compounds					Qvalue	
16) Acetone	4.168	43	6150	9.91	ug/l #	81

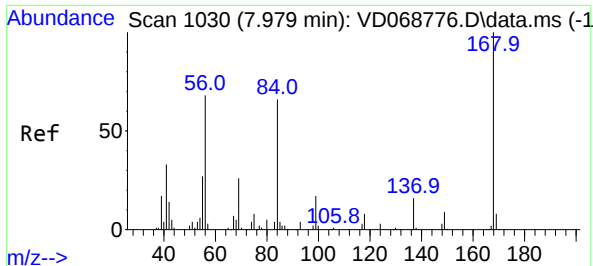
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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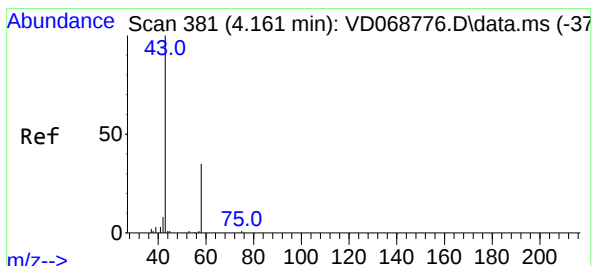
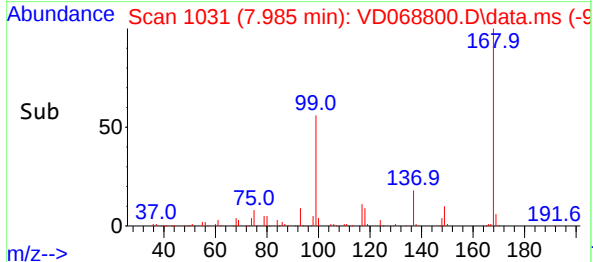
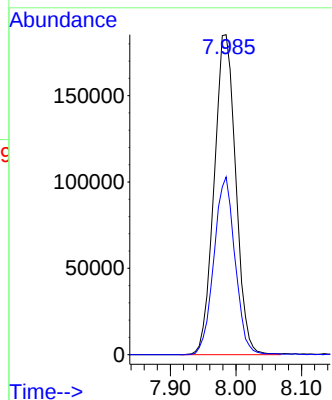
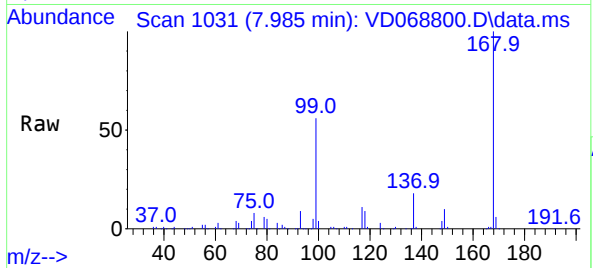




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

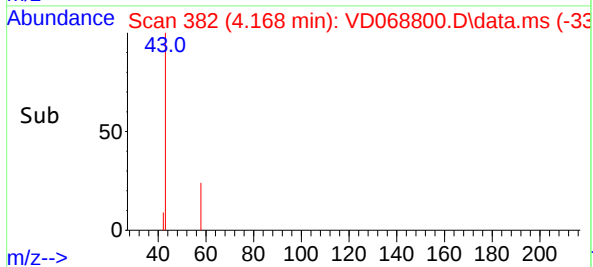
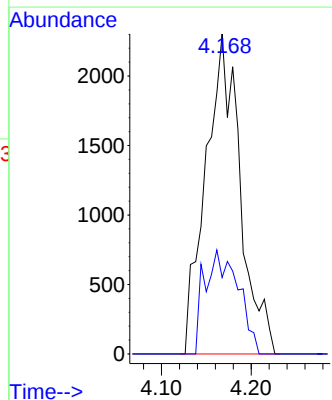
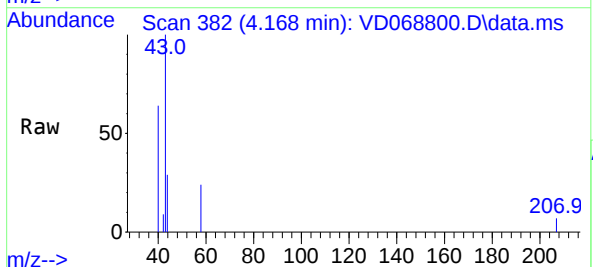
Instrument :
MSVOA_D
ClientSampled :
S-4

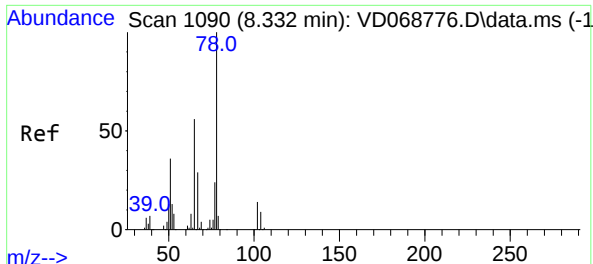
Tgt Ion:168 Resp: 424019
Ion Ratio Lower Upper
168 100
99 55.6 46.2 69.2



#16
Acetone
Concen: 9.91 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.007 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

Tgt Ion: 43 Resp: 6150
Ion Ratio Lower Upper
43 100
58 23.9 28.0 42.0#

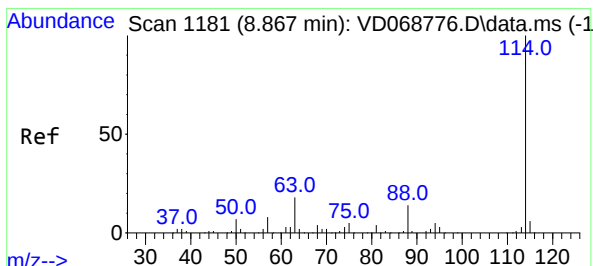
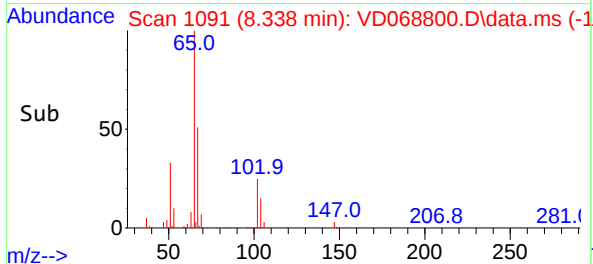
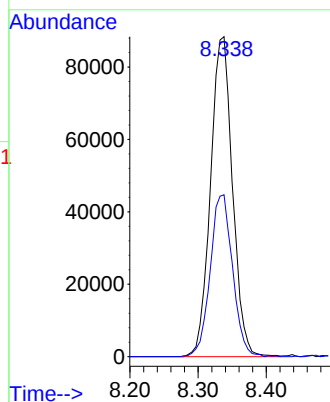
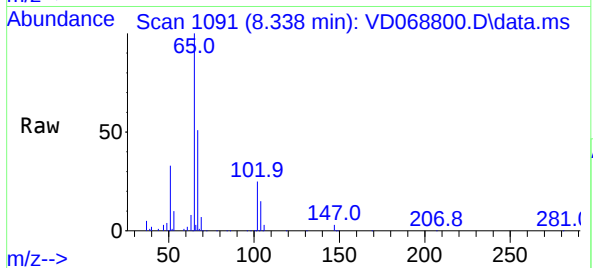




#33
1,2-Dichloroethane-d4
Concen: 44.28 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

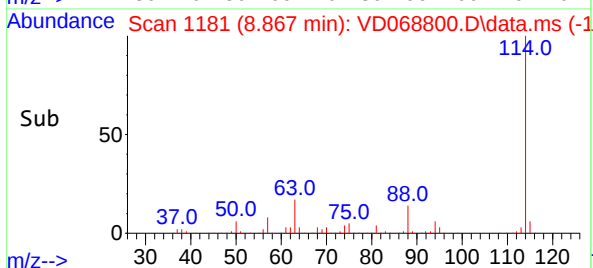
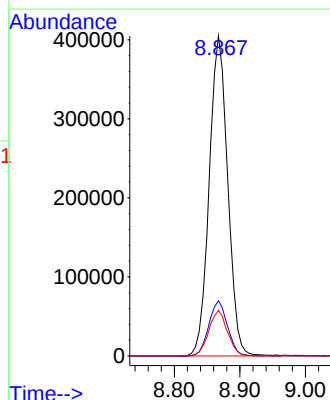
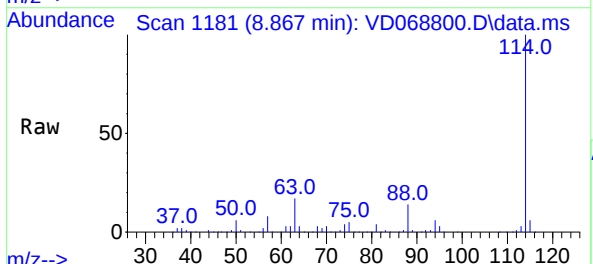
Instrument :
MSVOA_D
ClientSampled :
S-4

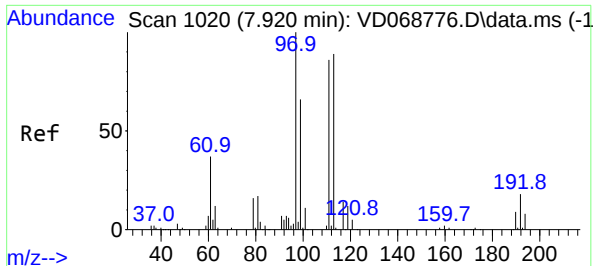
Tgt Ion: 65 Resp: 198444
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

Tgt Ion: 114 Resp: 794626
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.2
88 14.2 0.0 29.4

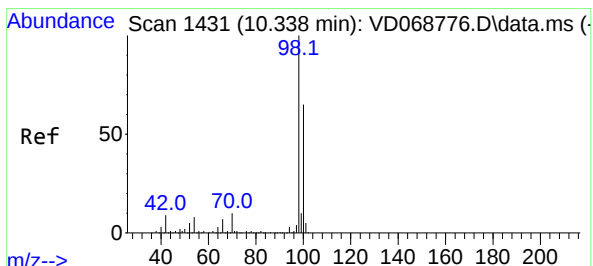
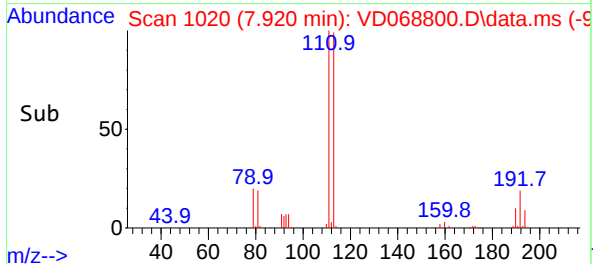
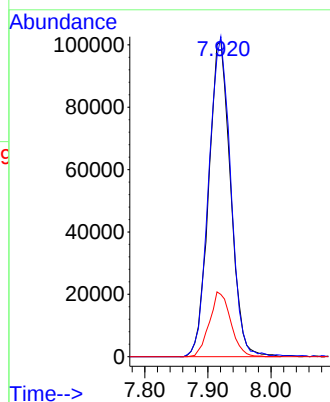
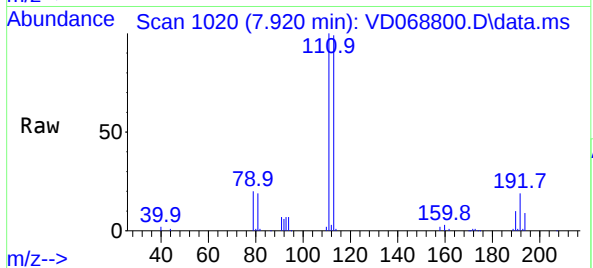




#35
Dibromofluoromethane
Concen: 46.98 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

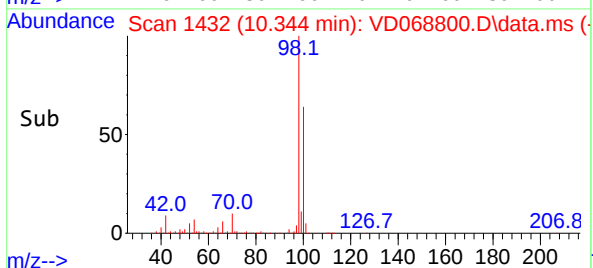
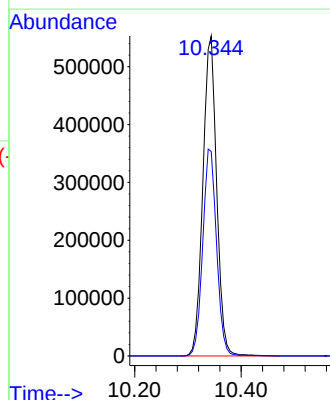
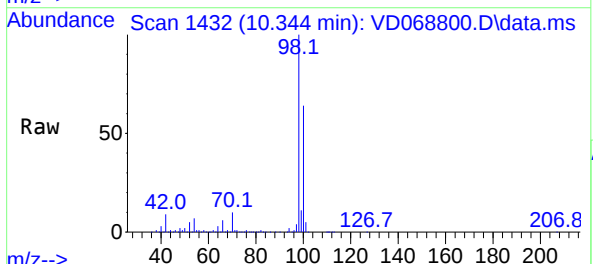
Instrument :
MSVOA_D
ClientSampled :
S-4

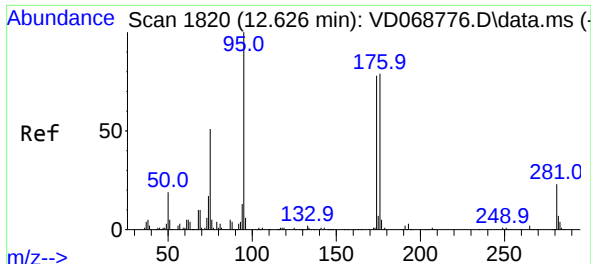
Tgt Ion:113 Resp: 242826
Ion Ratio Lower Upper
113 100
111 101.4 82.5 123.7
192 20.0 15.1 22.7



#50
Toluene-d8
Concen: 50.86 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

Tgt Ion: 98 Resp: 991713
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



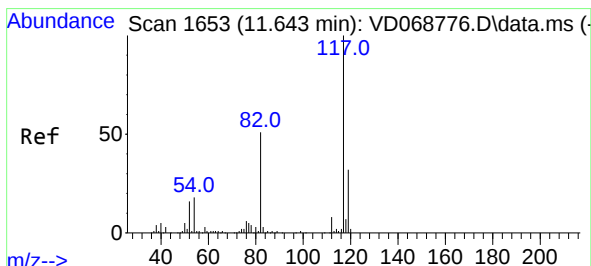
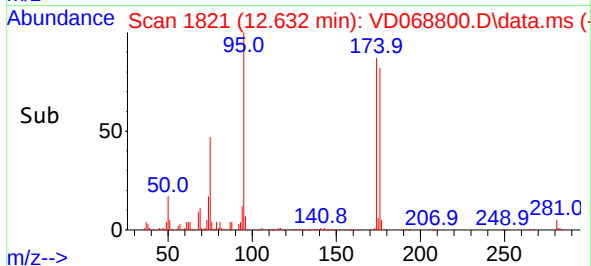
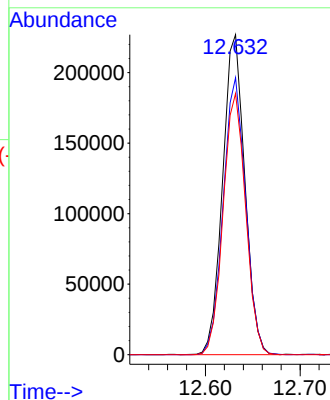
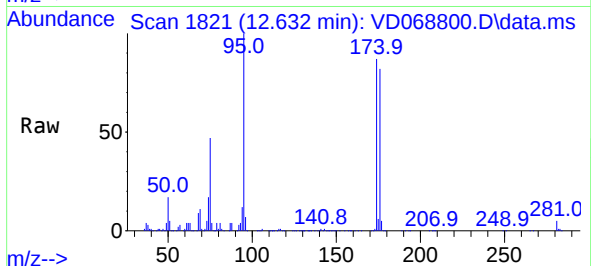


#62
4-Bromofluorobenzene
Concen: 57.14 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

Instrument :
MSVOA_D
ClientSampled :
S-4

Tgt Ion: 95 Resp: 370023

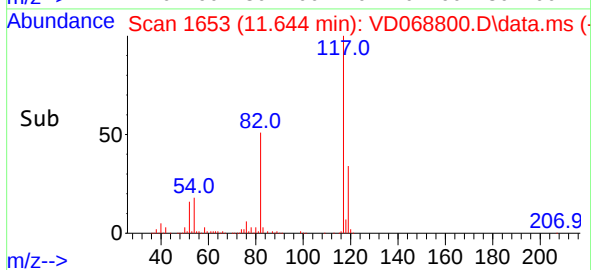
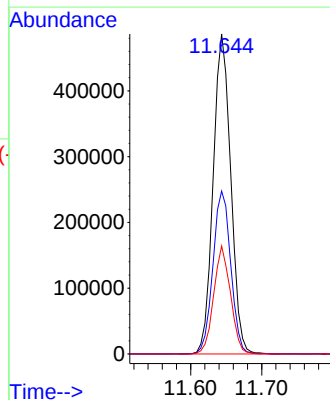
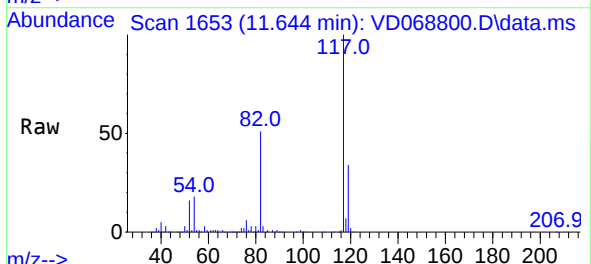
Ion	Ratio	Lower	Upper
95	100		
174	87.4	0.0	168.0
176	82.6	0.0	160.2

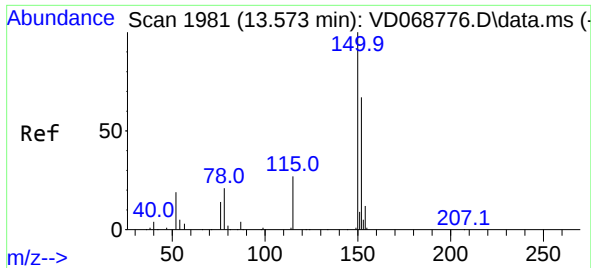


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068800.D
Acq: 08 Apr 2021 20:20

Tgt Ion: 117 Resp: 834395

Ion	Ratio	Lower	Upper
117	100		
82	50.9	43.5	65.3
119	33.7	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: VD068800.D
 Acq: 08 Apr 2021 20:20

Instrument :
 MSVOA_D
 ClientSampleId :
 S-4

Tgt Ion:152 Resp: 401370

Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.3	87.8
150	157.8	0.0	347.6

