

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068863.D
 Acq On : 15 Apr 2021 18:34
 Operator : VA/SY
 Sample : M2049-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-9.5-10.0

Quant Time: Apr 16 01:10:39 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)

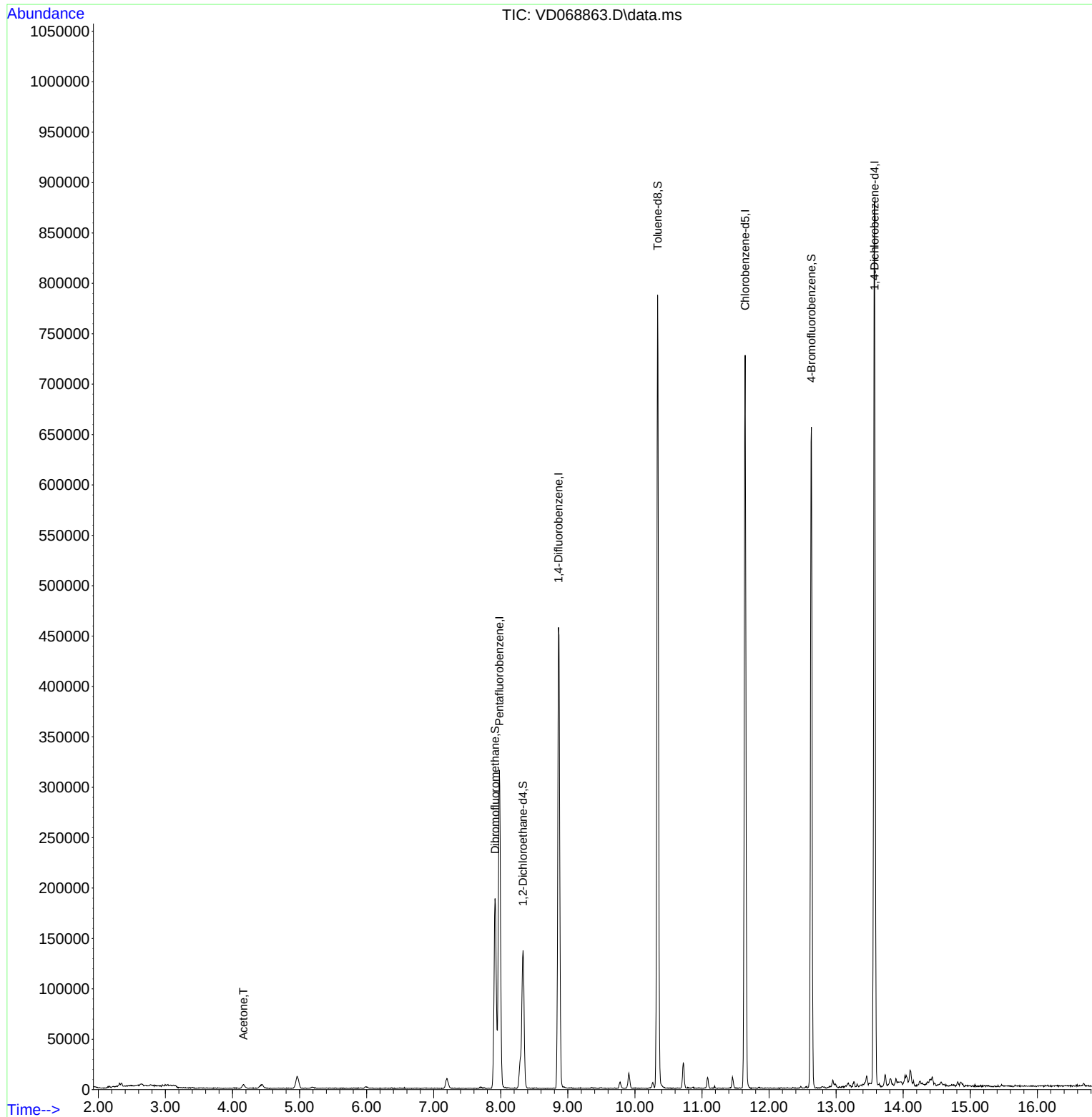
Internal Standards						
1) Pentafluorobenzene	7.979	168	248862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	426348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	451989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	240466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	109116	41.49	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.98%		
35) Dibromofluoromethane	7.914	113	136463	49.21	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.42%		
50) Toluene-d8	10.338	98	540340	51.65	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.30%		
62) 4-Bromofluorobenzene	12.632	95	206970	59.57	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	119.14%		
Target Compounds					Qvalue	
16) Acetone	4.161	43	6597	18.11	ug/l #	87

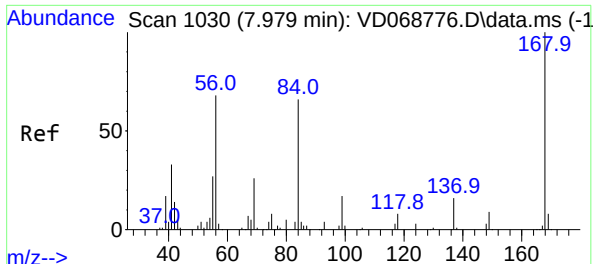
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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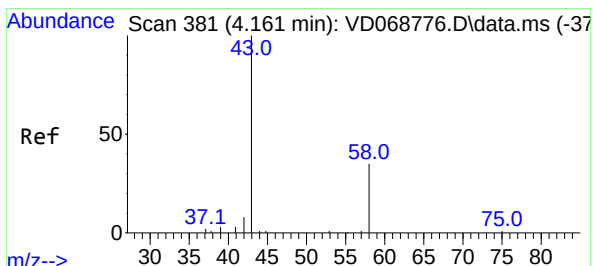
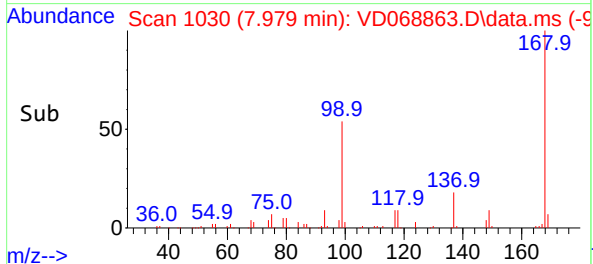
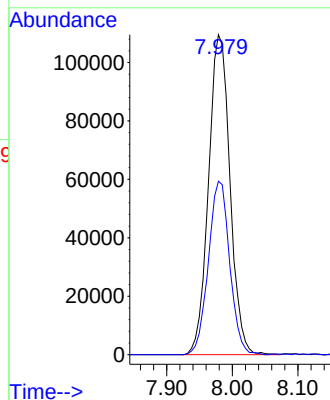
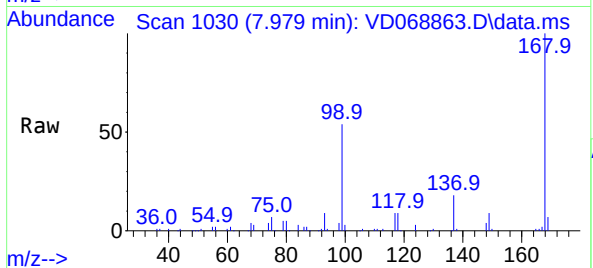




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

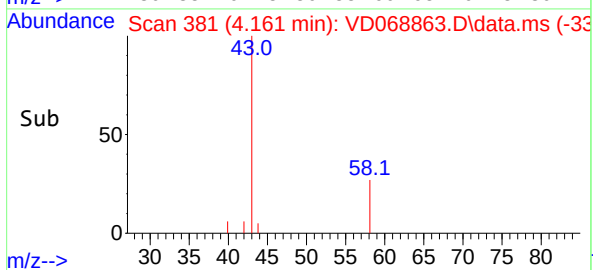
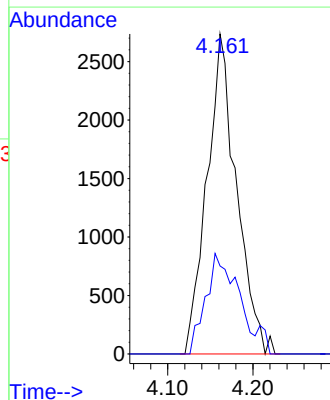
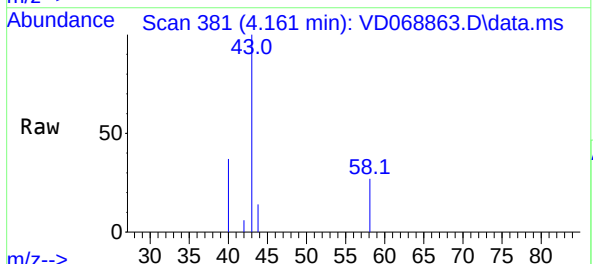
Instrument :
MSVOA_D
ClientSampleId :
SB-07-9.5-10.0

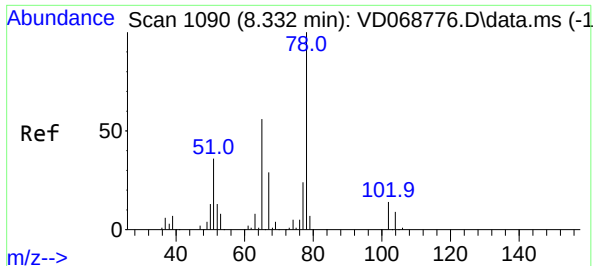
Tgt Ion:168 Resp: 248862
Ion Ratio Lower Upper
168 100
99 54.2 46.2 69.2



#16
Acetone
Concen: 18.11 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

Tgt Ion: 43 Resp: 6597
Ion Ratio Lower Upper
43 100
58 27.5 28.0 42.0#

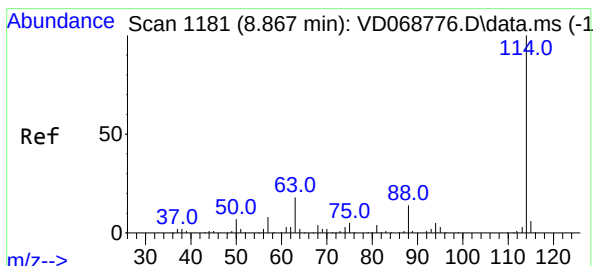
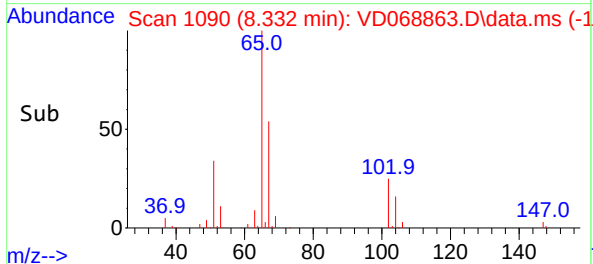
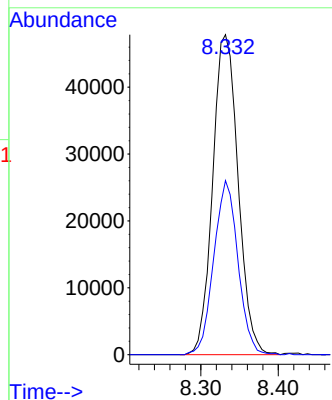
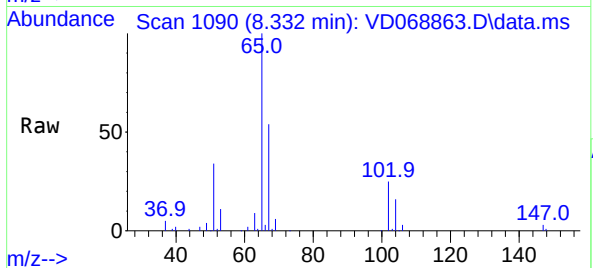




#33
1,2-Dichloroethane-d4
Concen: 41.49 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

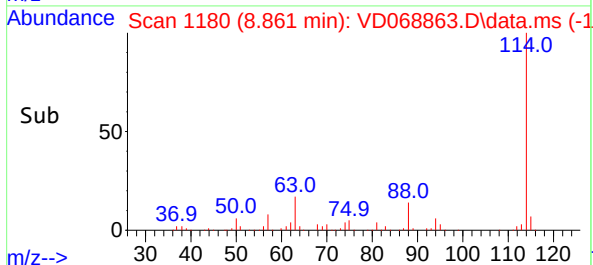
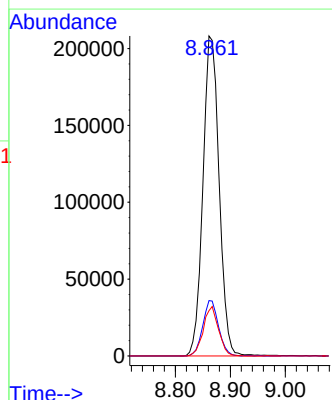
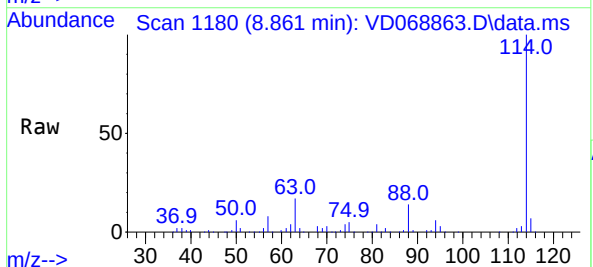
Instrument :
MSVOA_D
ClientSampleId :
SB-07-9.5-10.0

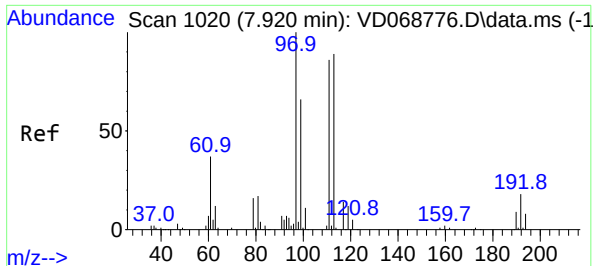
Tgt Ion: 65 Resp: 109116
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

Tgt Ion: 114 Resp: 426348
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.2
88 14.2 0.0 29.4

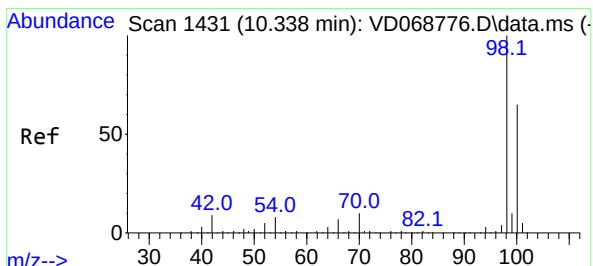
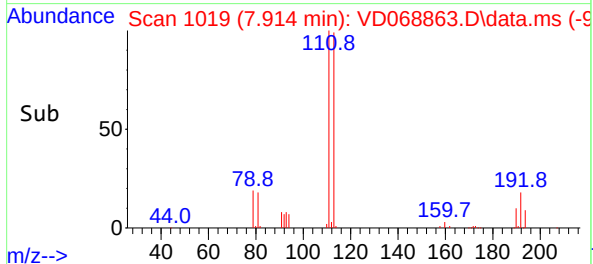
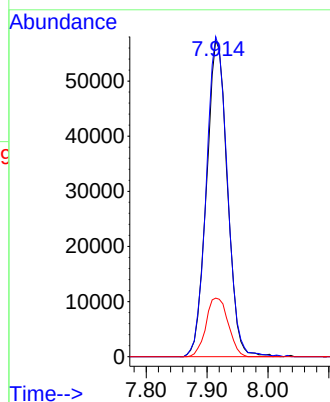
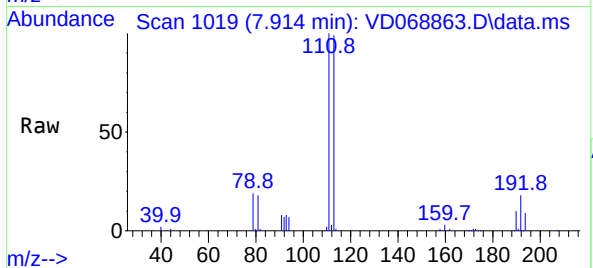




#35
Dibromofluoromethane
Concen: 49.21 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

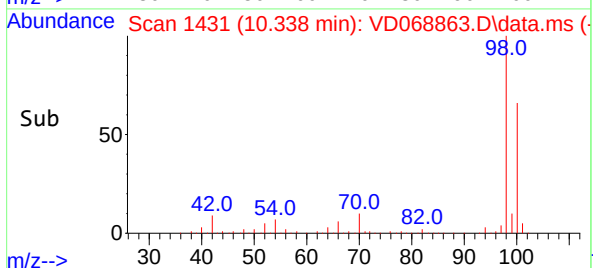
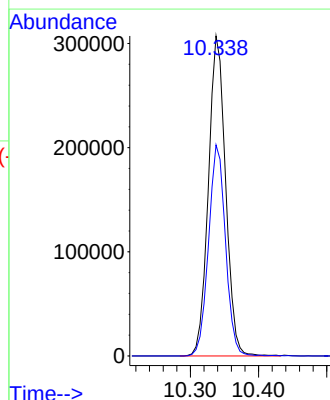
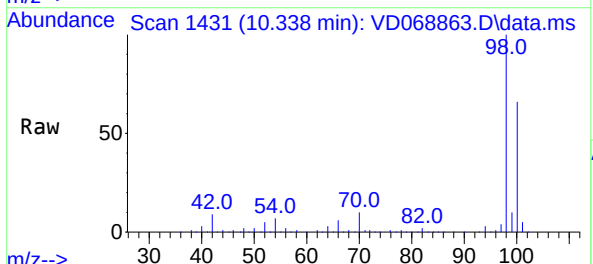
Instrument :
MSVOA_D
ClientSampleId :
SB-07-9.5-10.0

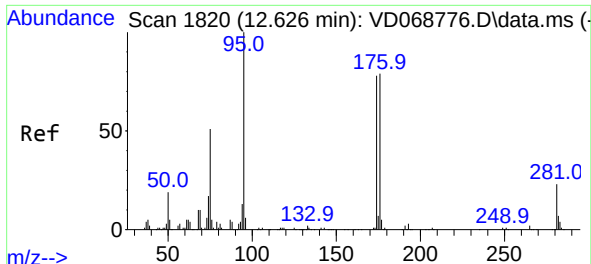
Tgt Ion:113 Resp: 136463
Ion Ratio Lower Upper
113 100
111 102.1 82.5 123.7
192 19.7 15.1 22.7



#50
Toluene-d8
Concen: 51.65 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

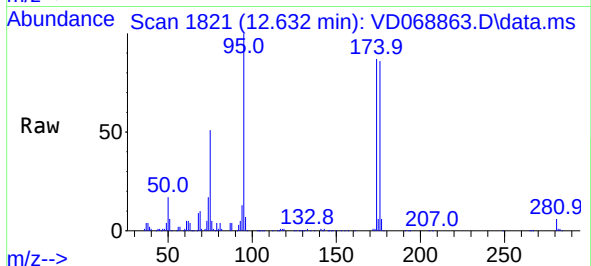
Tgt Ion: 98 Resp: 540340
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6





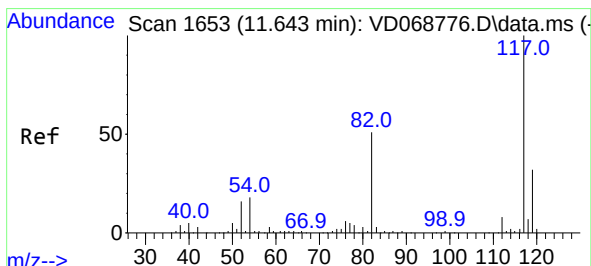
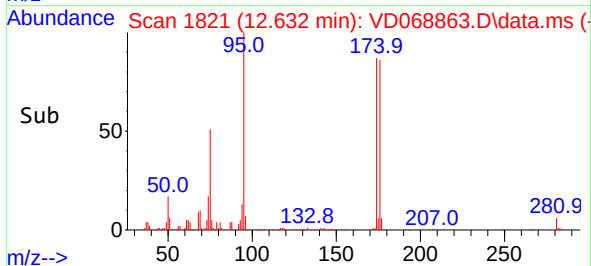
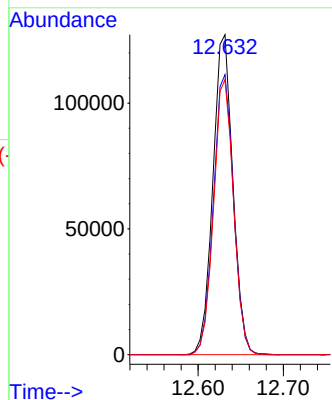
#62
4-Bromofluorobenzene
Concen: 59.57 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

Instrument :
MSVOA_D
ClientSampleId :
SB-07-9.5-10.0



Tgt Ion: 95 Resp: 206970

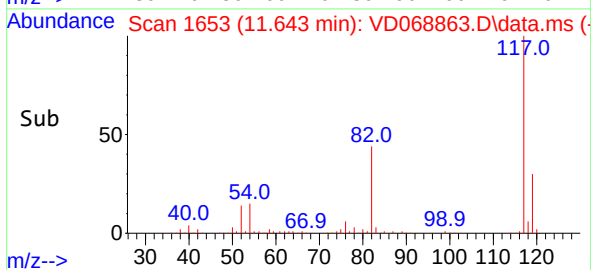
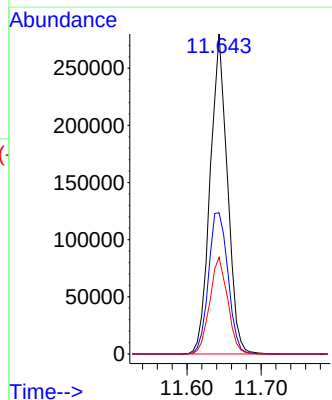
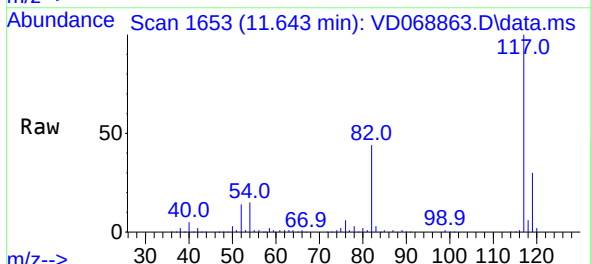
Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	168.0
176	85.8	0.0	160.2

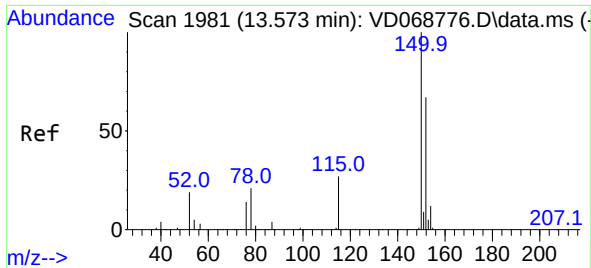


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068863.D
Acq: 15 Apr 2021 18:34

Tgt Ion: 117 Resp: 451989

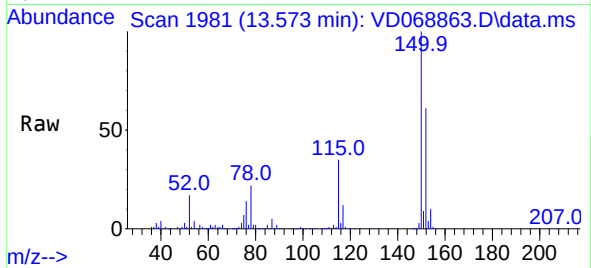
Ion	Ratio	Lower	Upper
117	100		
82	44.1	43.5	65.3
119	30.2	26.7	40.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068863.D
 Acq: 15 Apr 2021 18:34

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-9.5-10.0



Tgt Ion:152 Resp: 240466

Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.3	87.8
150	160.2	0.0	347.6

