

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
 Data File : VD068989.D
 Acq On : 26 Apr 2021 15:33
 Operator : VA/SY
 Sample : M2170-02
 Misc : 8.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DN-1

Quant Time: Apr 27 07:13:03 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)

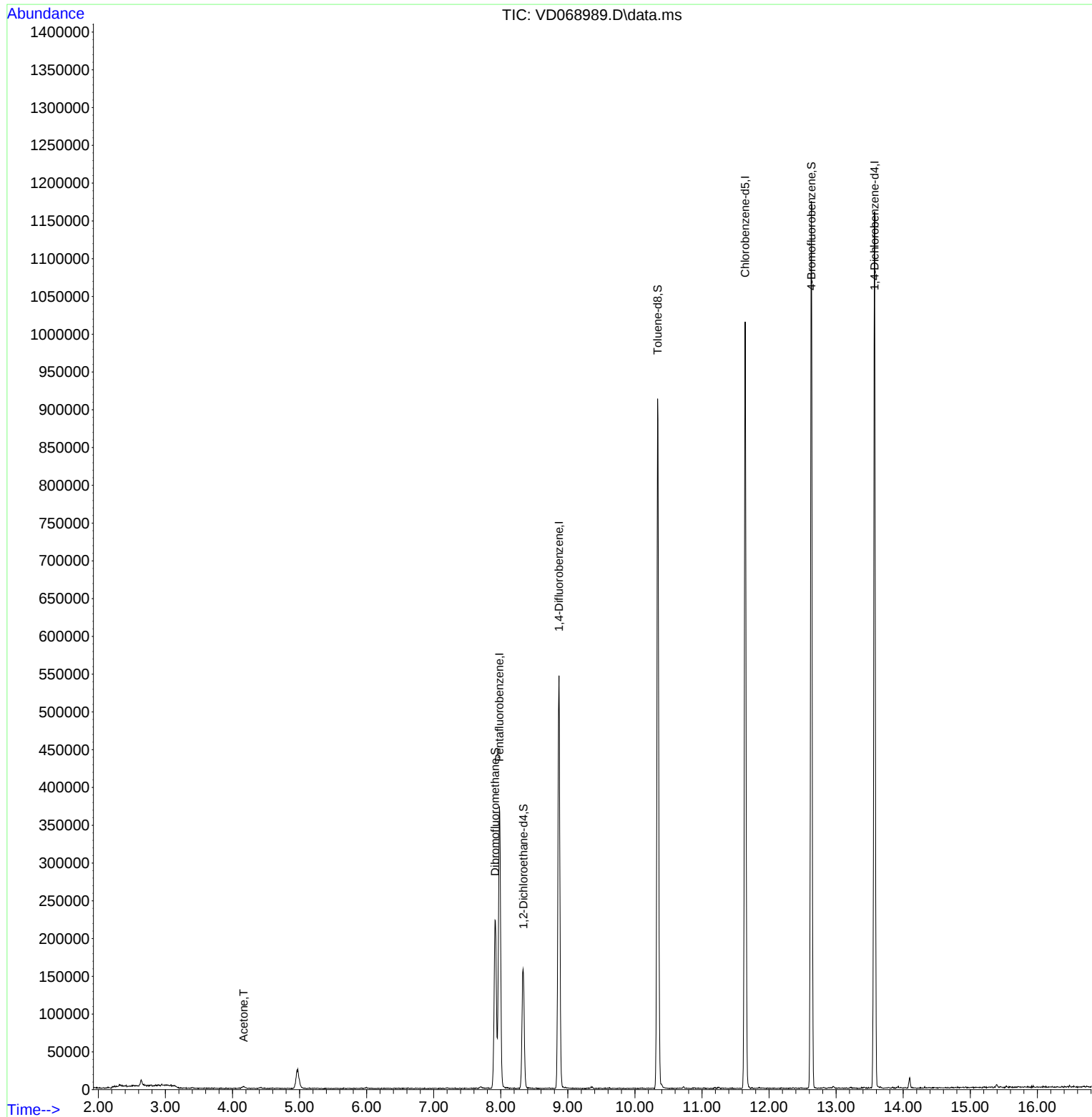
Internal Standards						
1) Pentafluorobenzene	7.979	168	294223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	503669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	606040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	305384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	127859	41.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.24%
35) Dibromofluoromethane	7.914	113	161632	49.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.68%
50) Toluene-d8	10.338	98	645849	52.26	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.52%
62) 4-Bromofluorobenzene	12.632	95	284579	69.33	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	138.66%
Target Compounds						
16) Acetone	4.167	43	4360	10.13	ug/l	Qvalue 98

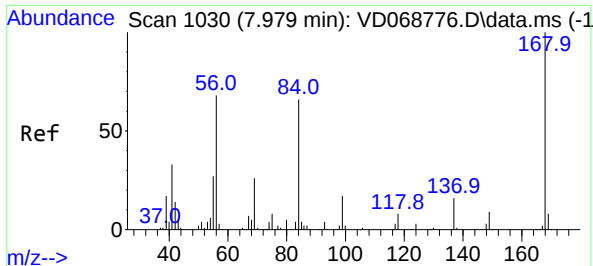
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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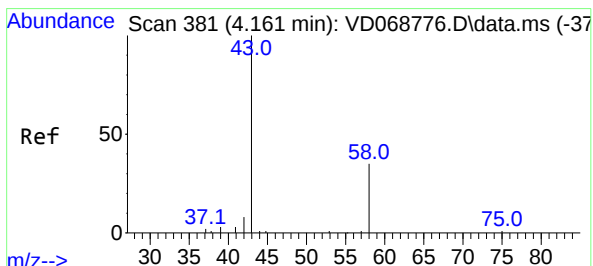
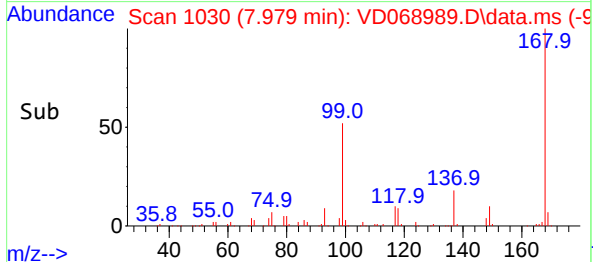
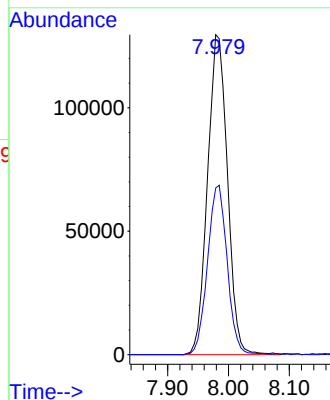
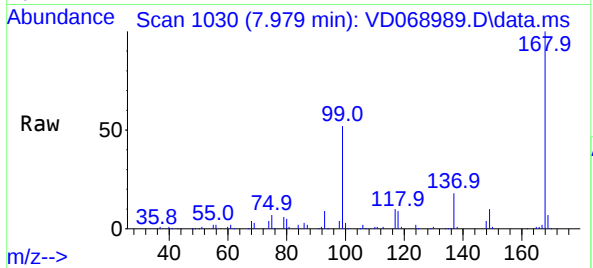




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

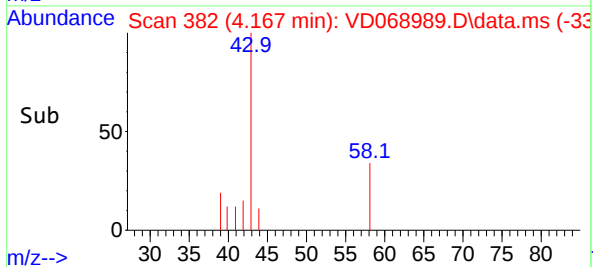
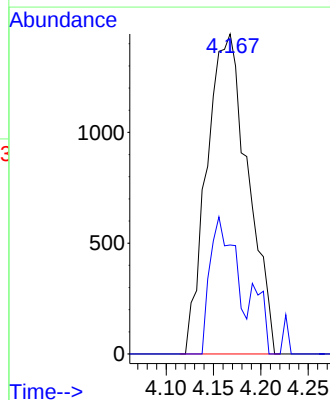
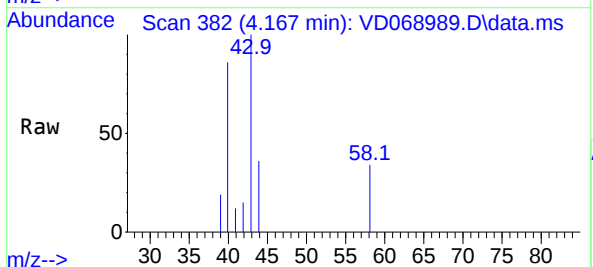
Instrument :
MSVOA_D
ClientSampleId :
DN-1

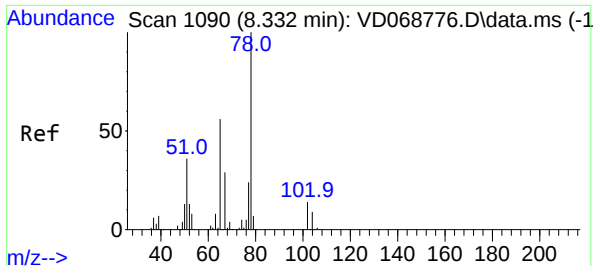
Tgt Ion:168 Resp: 294223
Ion Ratio Lower Upper
168 100
99 52.1 46.2 69.2



#16
Acetone
Concen: 10.13 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

Tgt Ion: 43 Resp: 4360
Ion Ratio Lower Upper
43 100
58 34.1 28.0 42.0

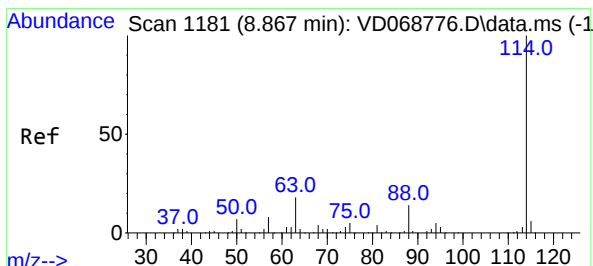
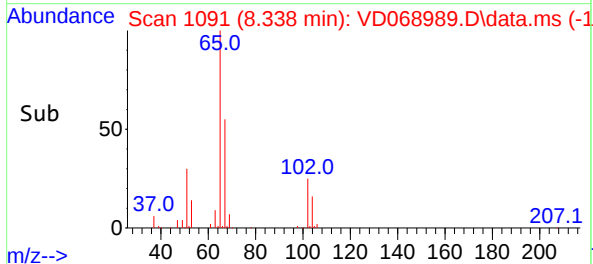
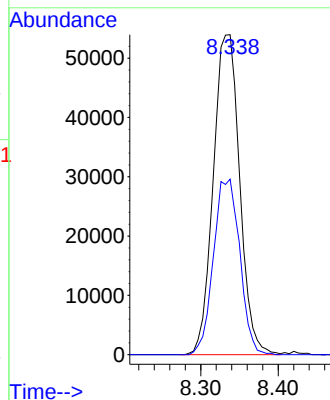
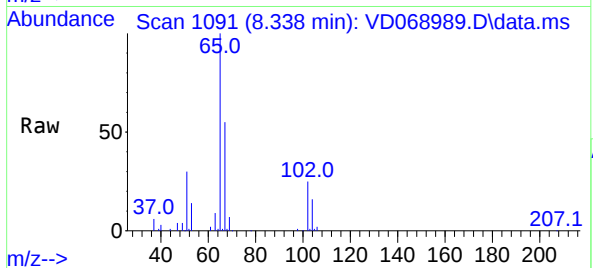




#33
1,2-Dichloroethane-d4
Concen: 41.12 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

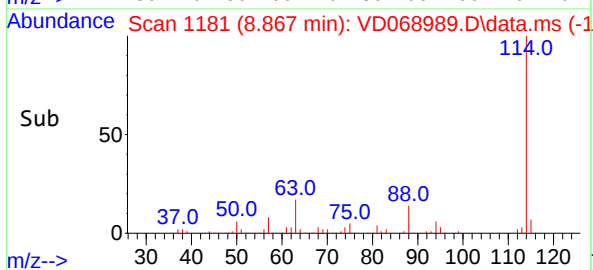
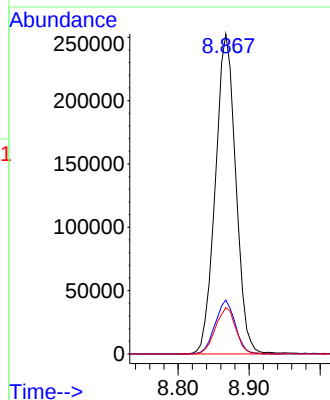
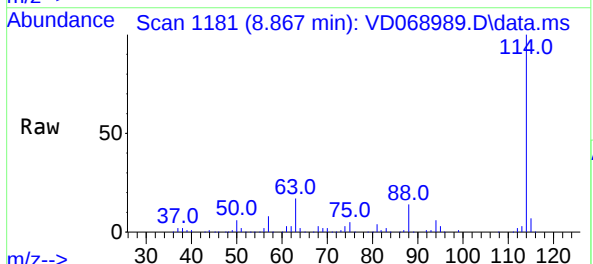
Instrument :
MSVOA_D
ClientSampled :
DN-1

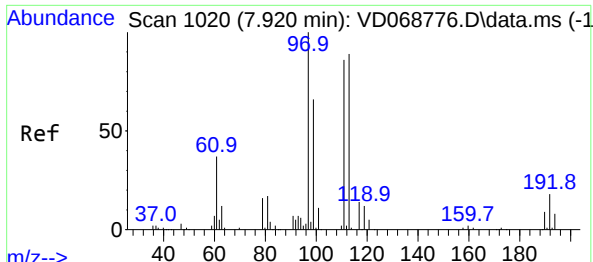
Tgt Ion: 65 Resp: 127859
Ion Ratio Lower Upper
65 100
67 54.6 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

Tgt Ion: 114 Resp: 503669
Ion Ratio Lower Upper
114 100
63 16.9 0.0 38.2
88 14.5 0.0 29.4

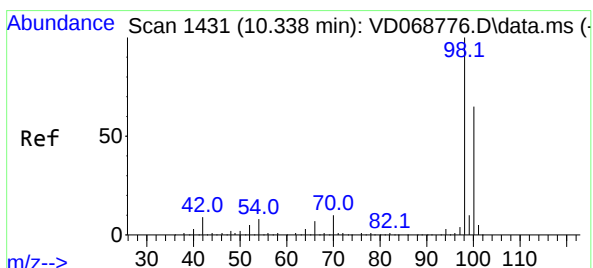
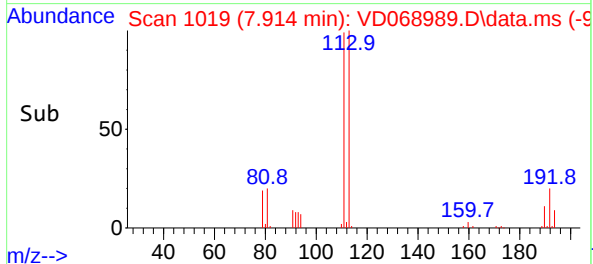
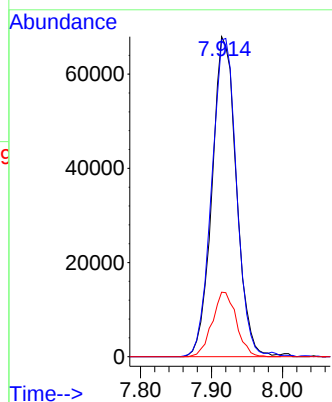
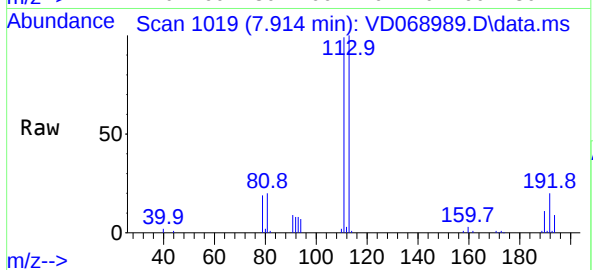




#35
Dibromofluoromethane
Concen: 49.34 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

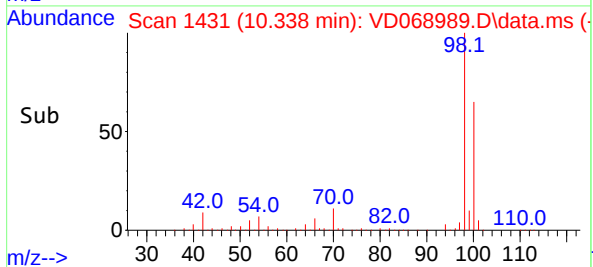
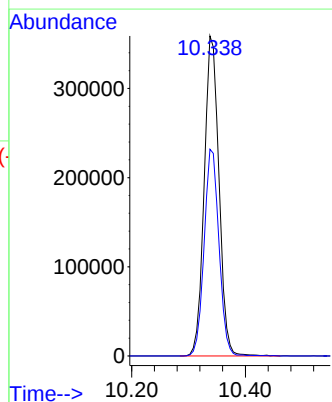
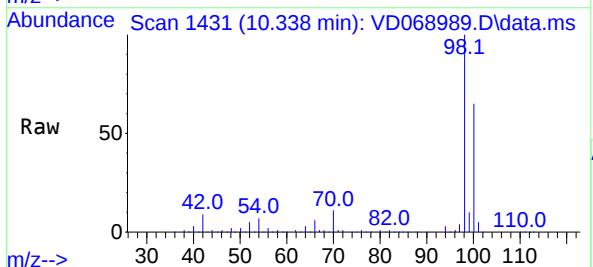
Instrument :
MSVOA_D
ClientSampleId :
DN-1

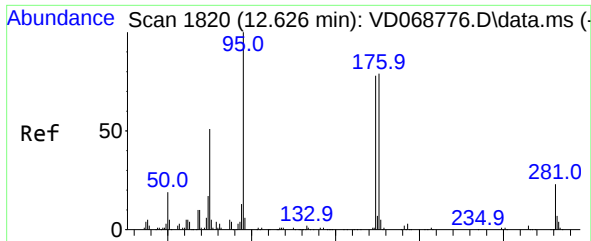
Tgt Ion:113 Resp: 161632
Ion Ratio Lower Upper
113 100
111 101.6 82.5 123.7
192 19.9 15.1 22.7



#50
Toluene-d8
Concen: 52.26 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

Tgt Ion: 98 Resp: 645849
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

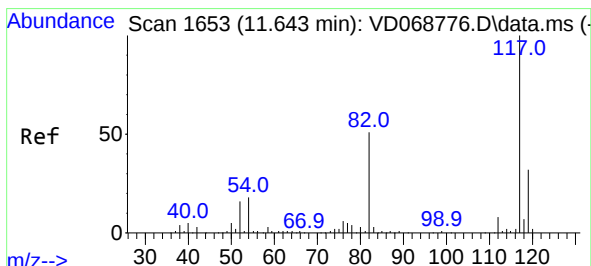
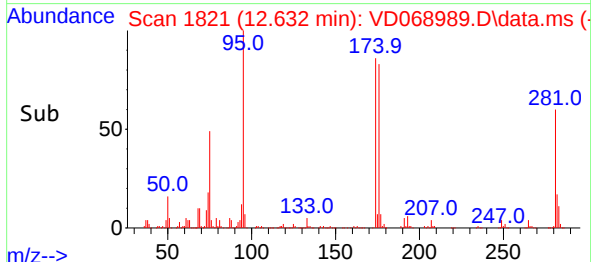
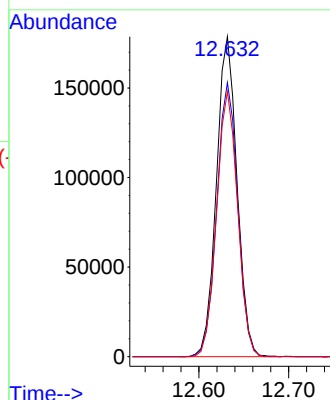
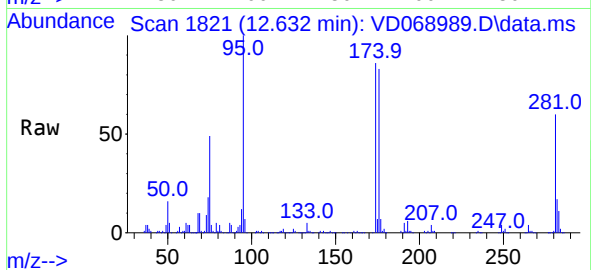




#62
4-Bromofluorobenzene
Concen: 69.33 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

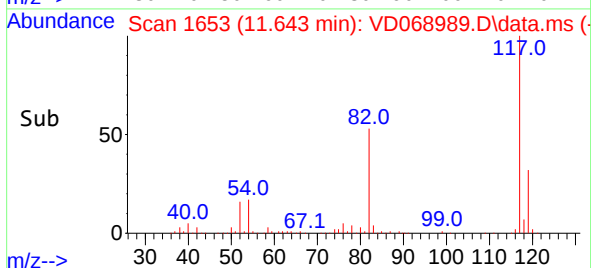
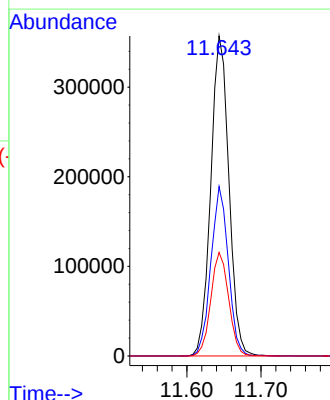
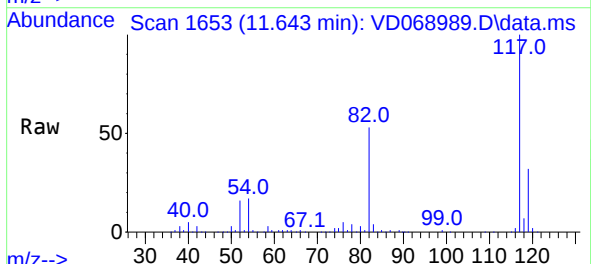
Instrument :
MSVOA_D
ClientSampled :
DN-1

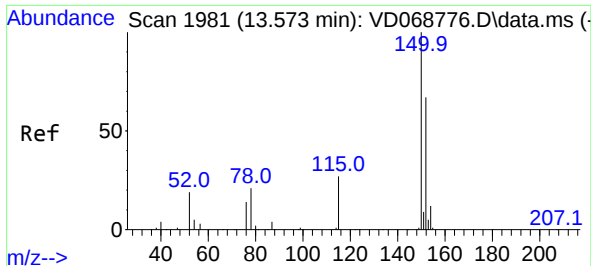
Tgt Ion: 95 Resp: 284579
Ion Ratio Lower Upper
95 100
174 87.1 0.0 168.0
176 83.9 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

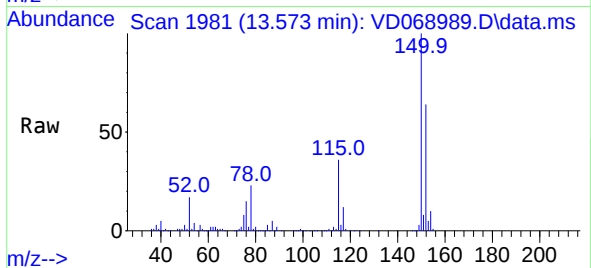
Tgt Ion: 117 Resp: 606040
Ion Ratio Lower Upper
117 100
82 53.0 43.5 65.3
119 32.4 26.7 40.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068989.D
 Acq: 26 Apr 2021 15:33

Instrument :
 MSVOA_D
 ClientSampleId :
 DN-1



Tgt Ion:152 Resp: 305384

Ion	Ratio	Lower	Upper
152	100		
115	57.6	29.3	87.8
150	161.5	0.0	347.6

