

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068796.D
 Acq On : 08 Apr 2021 18:28
 Operator : VA/SY
 Sample : M1979-23
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-23

Quant Time: Apr 09 01:04:29 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)

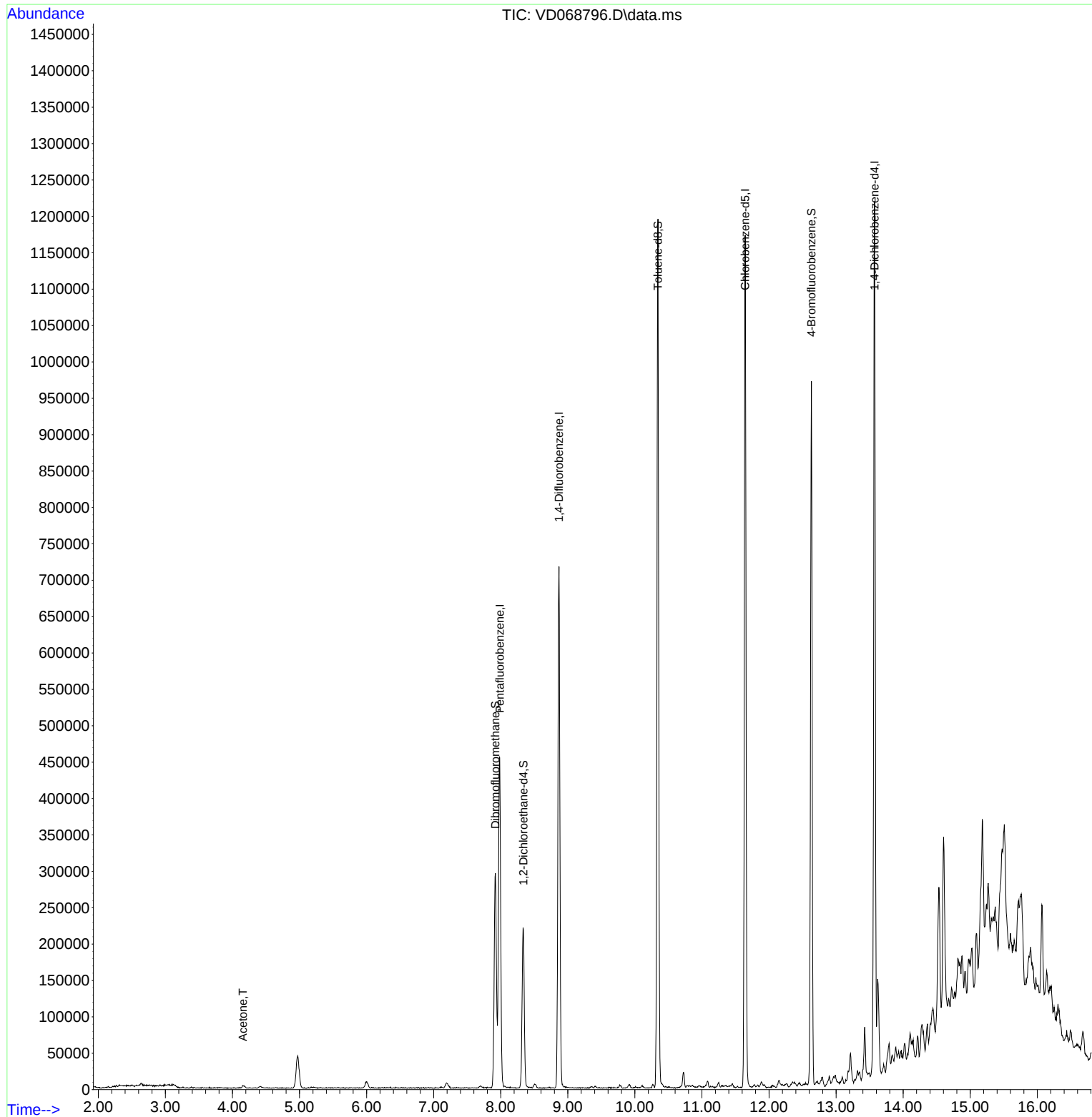
Internal Standards						
1) Pentafluorobenzene	7.985	168	354915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	663941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	703728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	336926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	179525	47.86	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.72%
35) Dibromofluoromethane	7.920	113	216251	50.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.16%
50) Toluene-d8	10.344	98	836209	51.33	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.66%
62) 4-Bromofluorobenzene	12.632	95	315150	58.25	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.50%
Target Compounds						
16) Acetone	4.156	43	5858	11.28	ug/l	Qvalue # 79

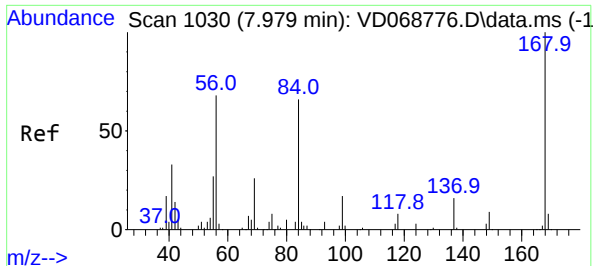
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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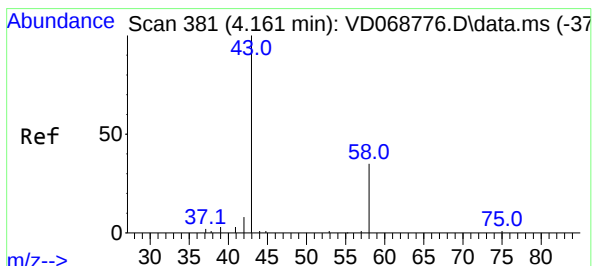
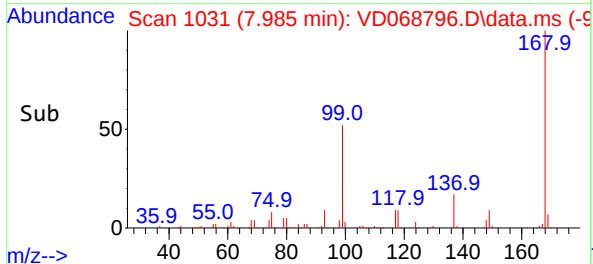
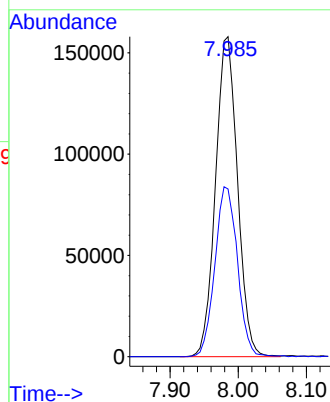
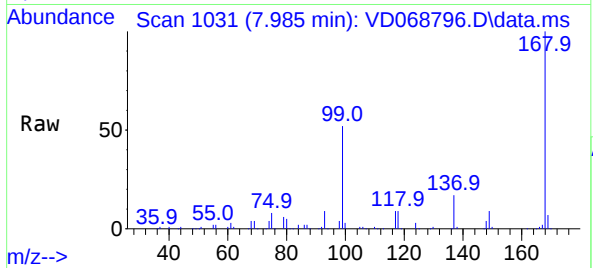




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068796.D
Acq: 08 Apr 2021 18:28

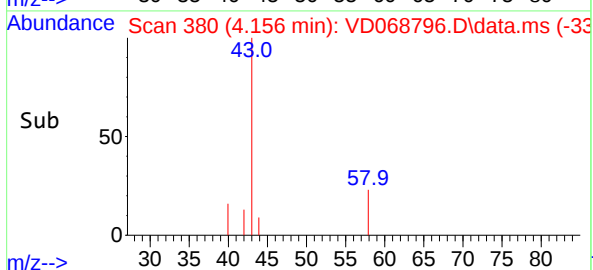
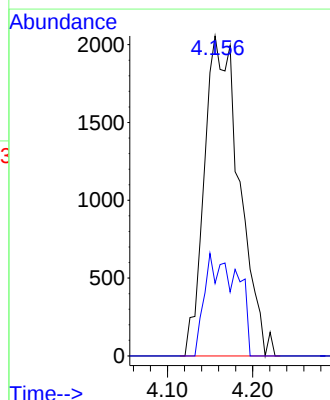
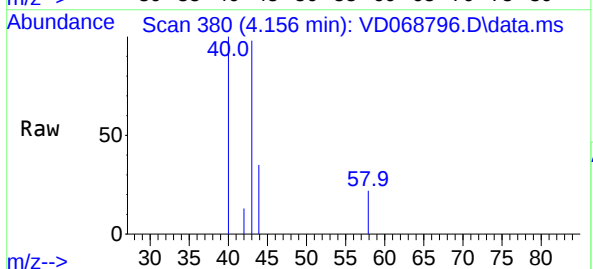
Instrument :
MSVOA_D
ClientSampled :
S-23

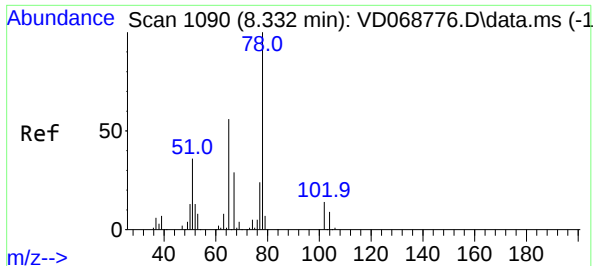
Tgt Ion:168 Resp: 354915
Ion Ratio Lower Upper
168 100
99 52.4 46.2 69.2



#16
Acetone
Concen: 11.28 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068796.D
Acq: 08 Apr 2021 18:28

Tgt Ion: 43 Resp: 5858
Ion Ratio Lower Upper
43 100
58 22.7 28.0 42.0#

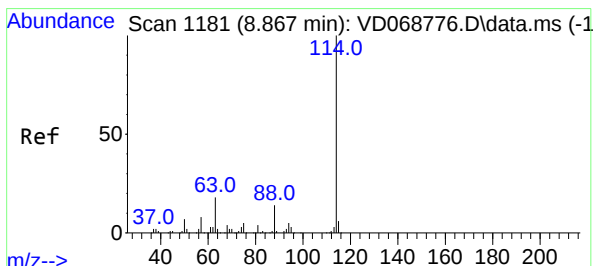
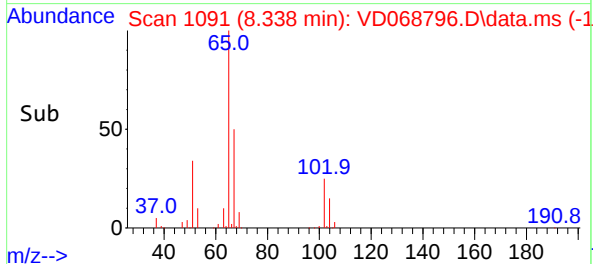
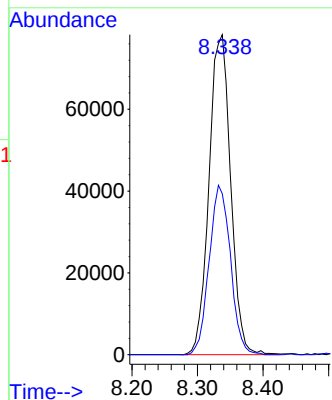
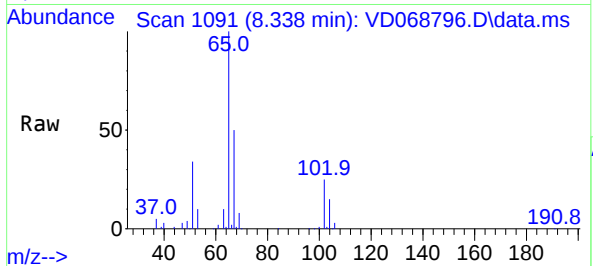




#33
1,2-Dichloroethane-d4
Concen: 47.86 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068796.D
Acq: 08 Apr 2021 18:28

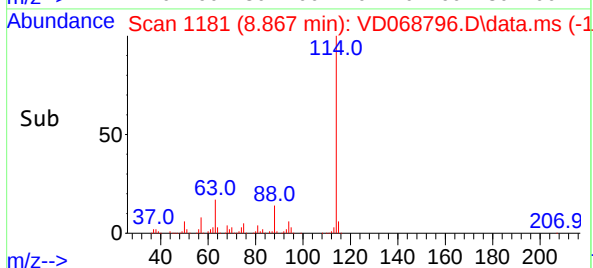
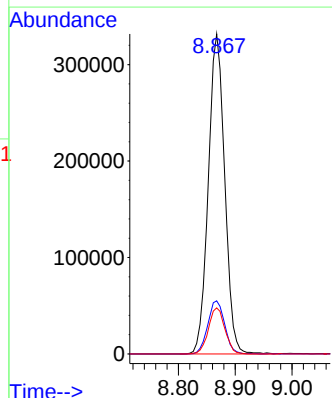
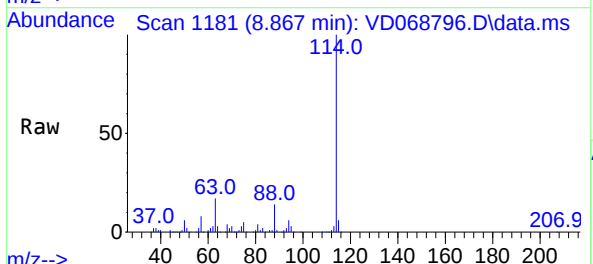
Instrument :
MSVOA_D
ClientSampled :
S-23

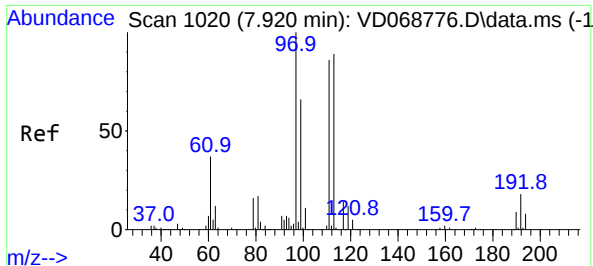
Tgt Ion: 65 Resp: 179525
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068796.D
Acq: 08 Apr 2021 18:28

Tgt Ion: 114 Resp: 663941
Ion Ratio Lower Upper
114 100
63 16.6 0.0 38.2
88 14.4 0.0 29.4



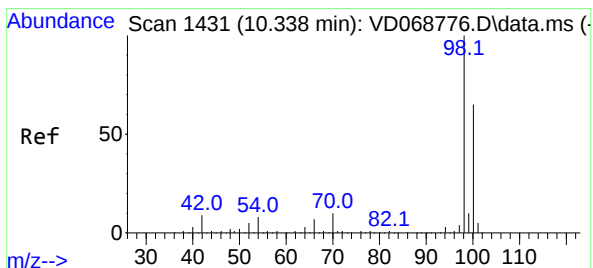
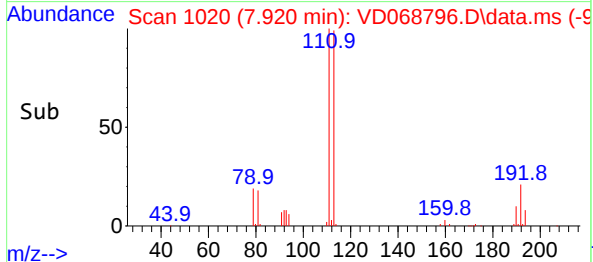
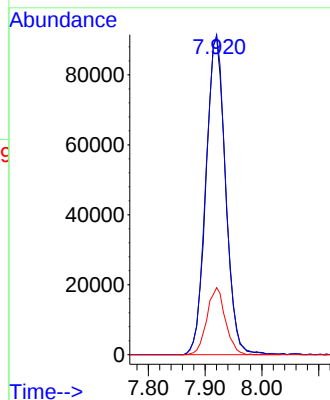
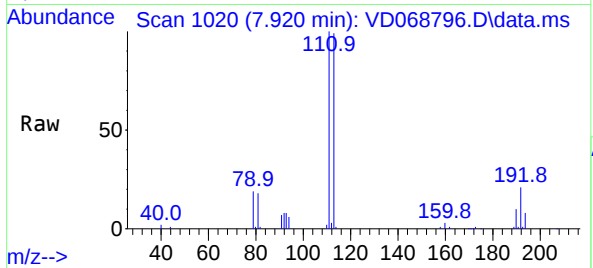


#35
Dibromofluoromethane
Concen: 50.08 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068796.D
Acq: 08 Apr 2021 18:28

Instrument :
MSVOA_D
ClientSampled :
S-23

Tgt Ion:113 Resp: 216251

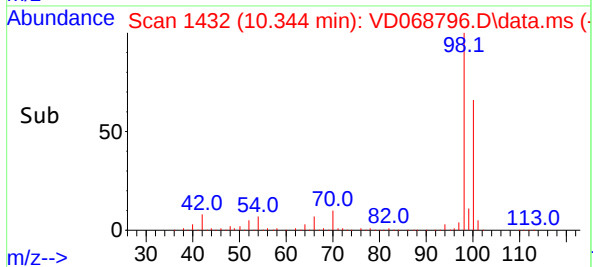
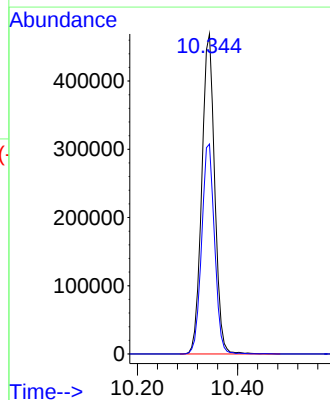
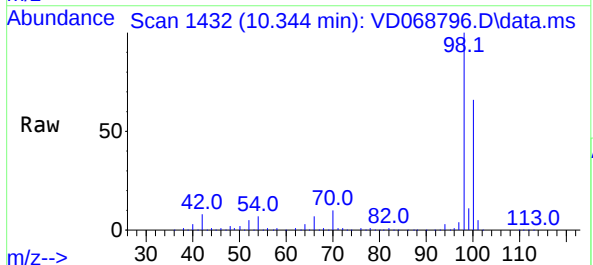
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.5	123.7
192	19.9	15.1	22.7

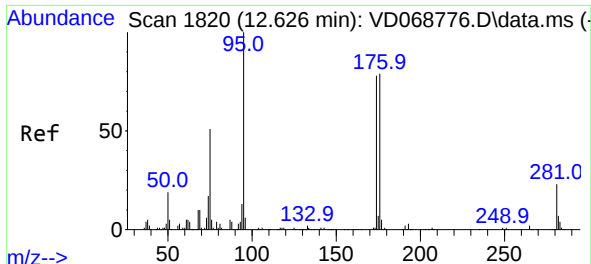


#50
Toluene-d8
Concen: 51.33 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068796.D
Acq: 08 Apr 2021 18:28

Tgt Ion: 98 Resp: 836209

Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.8	77.6

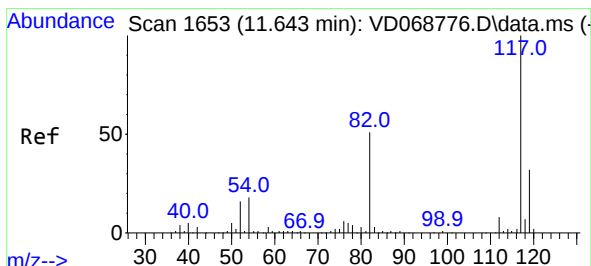
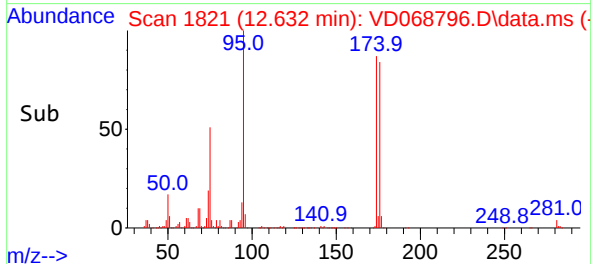
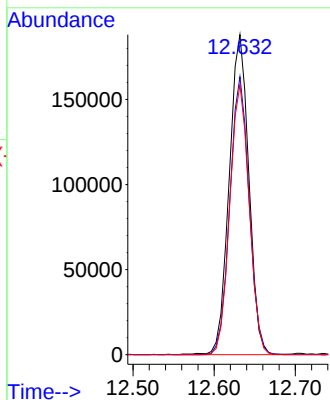
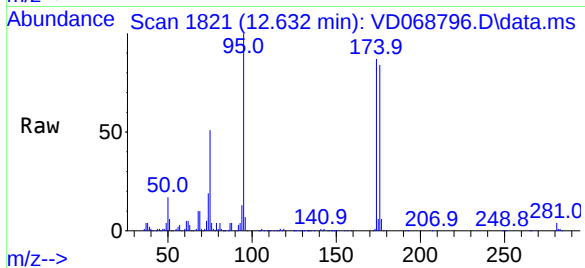




#62
4-Bromofluorobenzene
Concen: 58.25 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068796.D
Acq: 08 Apr 2021 18:28

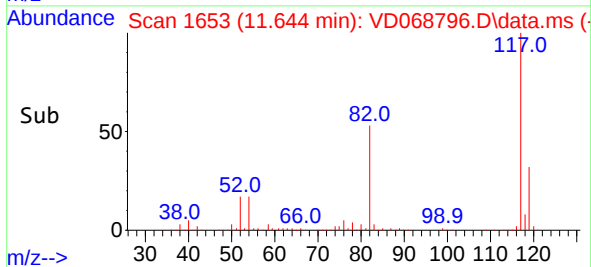
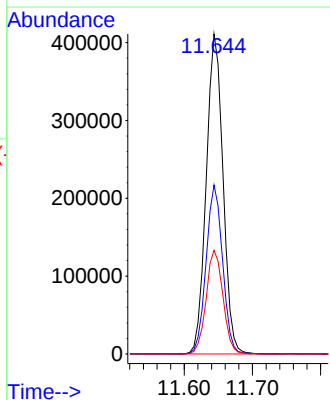
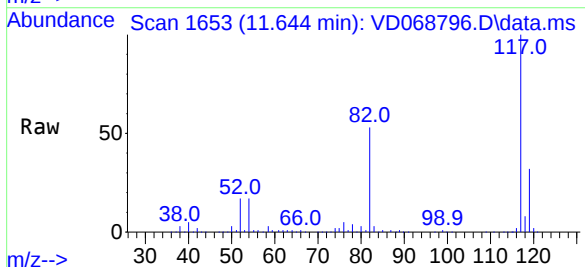
Instrument :
MSVOA_D
ClientSampled :
S-23

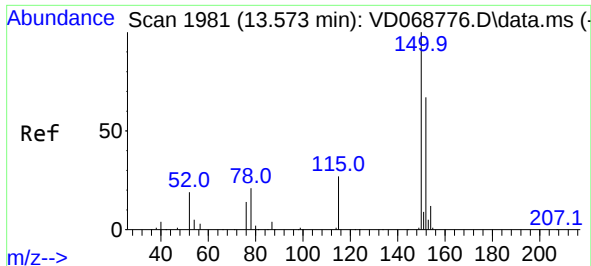
Tgt Ion: 95 Resp: 315150
Ion Ratio Lower Upper
95 100
174 85.3 0.0 168.0
176 82.9 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068796.D
Acq: 08 Apr 2021 18:28

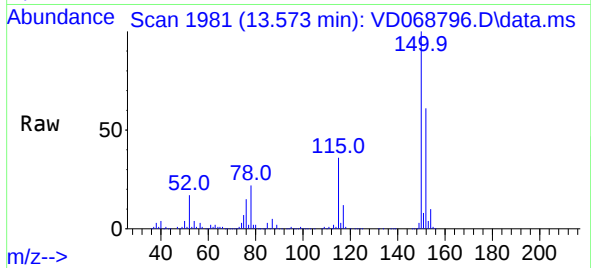
Tgt Ion: 117 Resp: 703728
Ion Ratio Lower Upper
117 100
82 52.8 43.5 65.3
119 32.4 26.7 40.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068796.D
Acq: 08 Apr 2021 18:28

Instrument :
MSVOA_D
ClientSampleId :
S-23



Tgt Ion:152 Resp: 336926
Ion Ratio Lower Upper
152 100
115 58.6 29.3 87.8
150 159.8 0.0 347.6

