

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020421\
 Data File : VD068280.D
 Acq On : 04 Feb 2021 16:52
 Operator : VA/SY
 Sample : M1291-19
 Misc : 5.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU421-004-1015

Quant Time: Feb 05 00:04:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

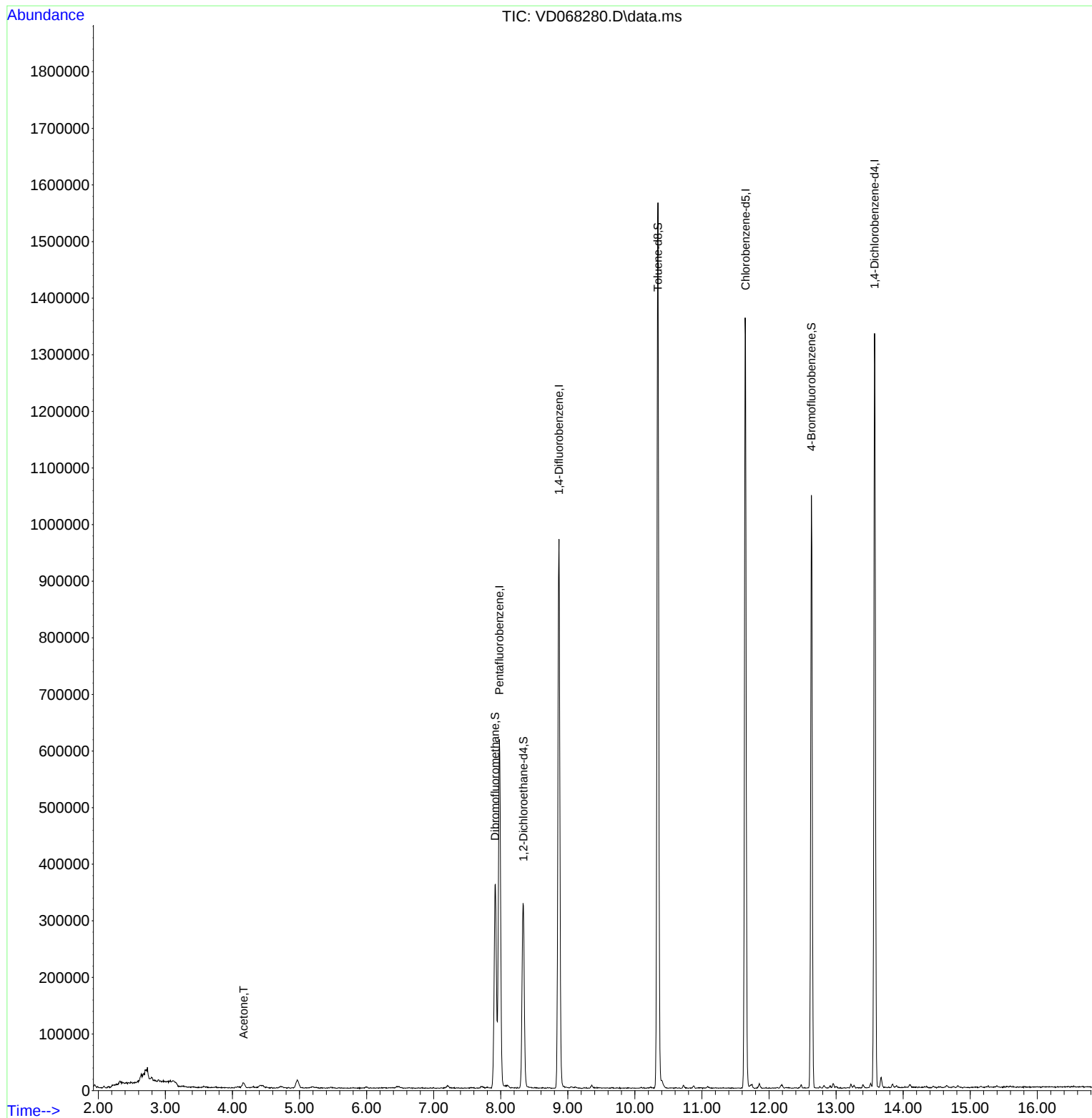
Internal Standards						
1) Pentafluorobenzene	7.979	168	469439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	867905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	796406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	354836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	272009	60.57	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.14%
35) Dibromofluoromethane	7.914	113	262623	54.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.46%
50) Toluene-d8	10.344	98	1089542	56.77	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.54%
62) 4-Bromofluorobenzene	12.632	95	356972	51.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.30%
Target Compounds						
16) Acetone	4.167	43	16091	20.07	ug/l	Qvalue 96

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

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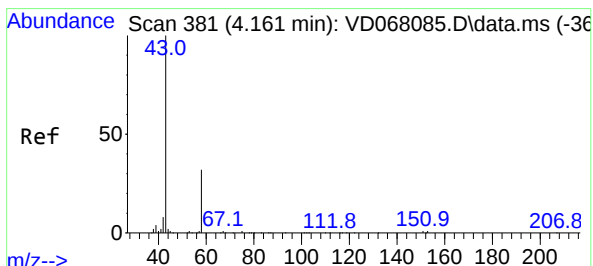
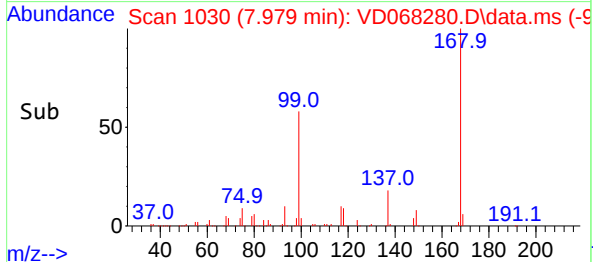
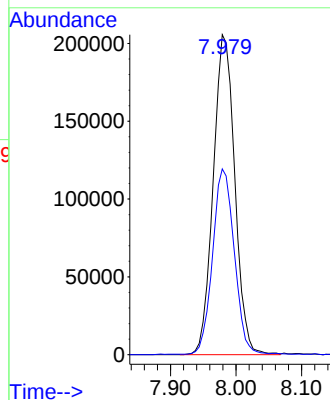
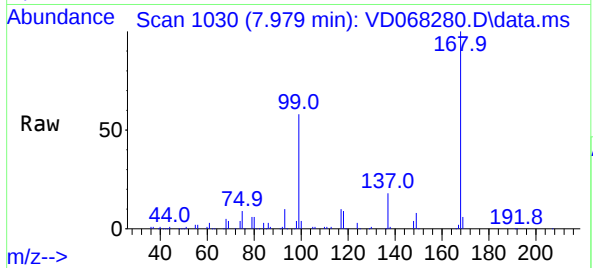




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068280.D
Acq: 04 Feb 2021 16:52

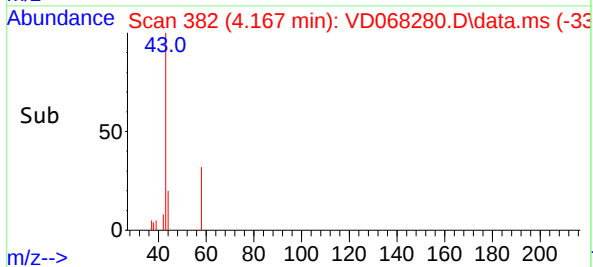
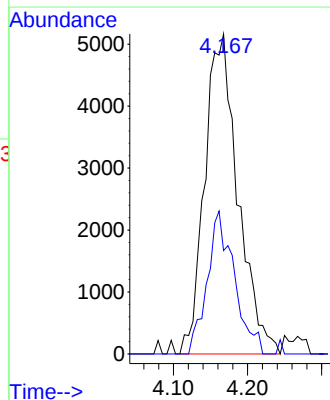
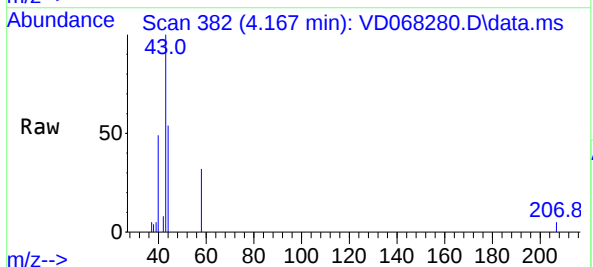
Instrument :
MSVOA_D
ClientSampleId :
OU421-004-1015

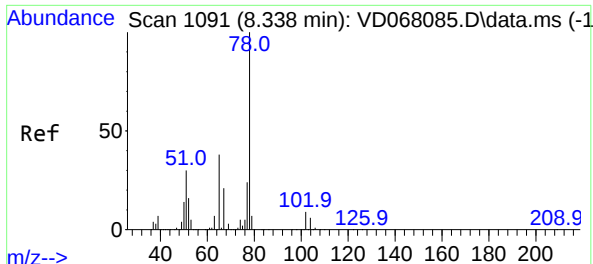
Tgt Ion:168 Resp: 469439
Ion Ratio Lower Upper
168 100
99 57.9 43.5 65.3



#16
Acetone
Concen: 20.07 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068280.D
Acq: 04 Feb 2021 16:52

Tgt Ion: 43 Resp: 16091
Ion Ratio Lower Upper
43 100
58 32.3 24.2 36.4

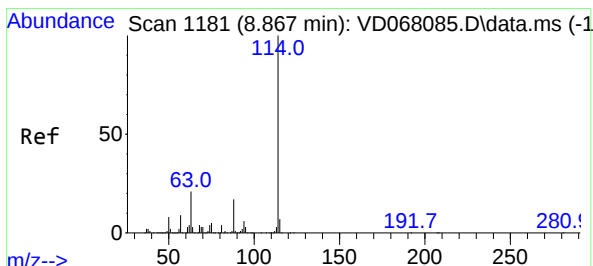
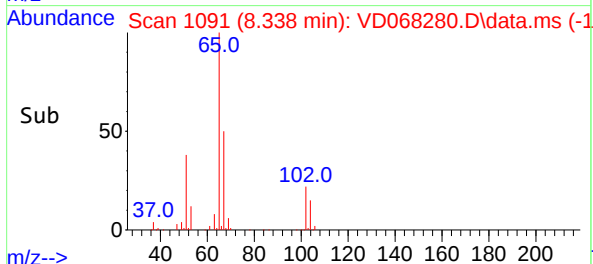
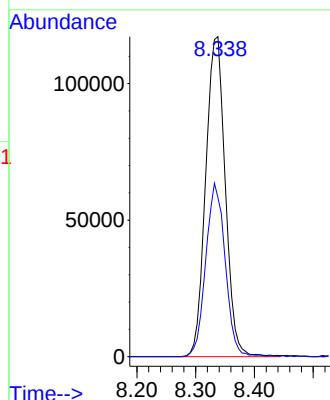
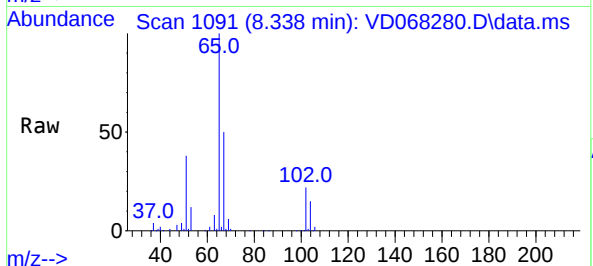




#33
1,2-Dichloroethane-d4
Concen: 60.57 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068280.D
Acq: 04 Feb 2021 16:52

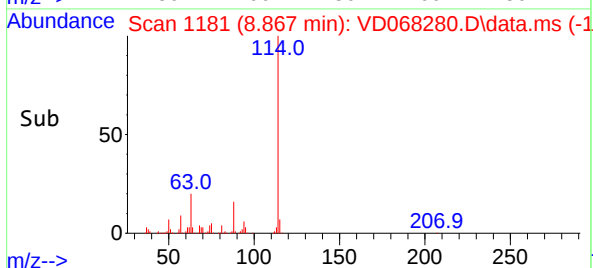
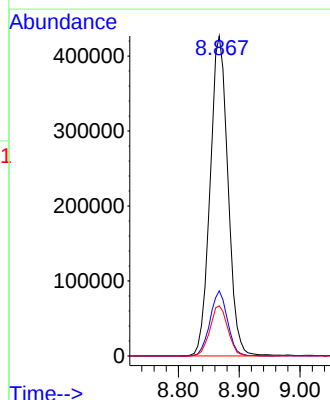
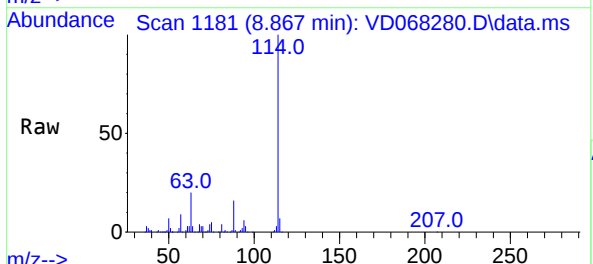
Instrument :
MSVOA_D
ClientSampleId :
OU421-004-1015

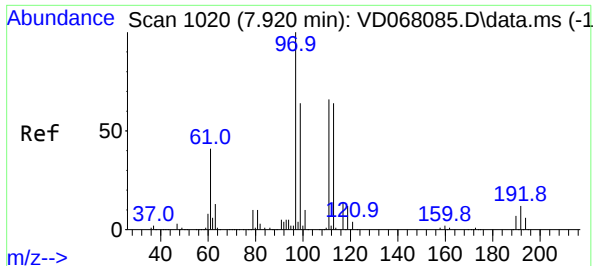
Tgt Ion: 65 Resp: 272009
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068280.D
Acq: 04 Feb 2021 16:52

Tgt Ion: 114 Resp: 867905
Ion Ratio Lower Upper
114 100
63 20.3 0.0 34.8
88 15.6 0.0 31.6

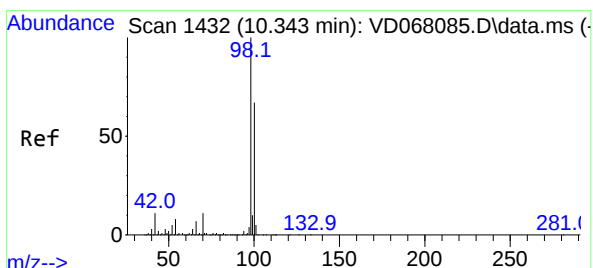
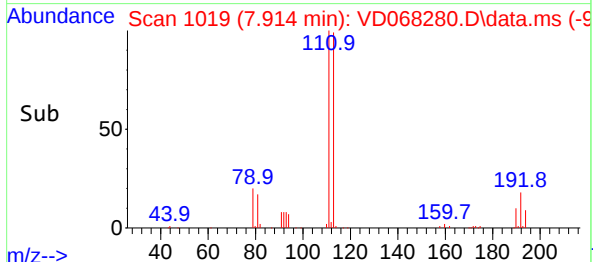
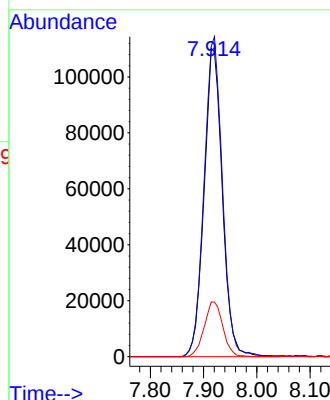
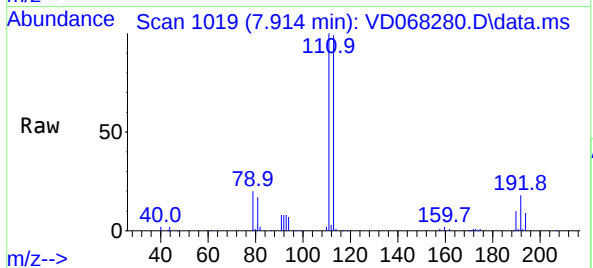




#35
Dibromofluoromethane
Concen: 54.73 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068280.D
Acq: 04 Feb 2021 16:52

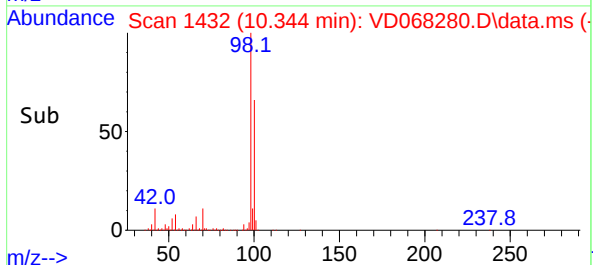
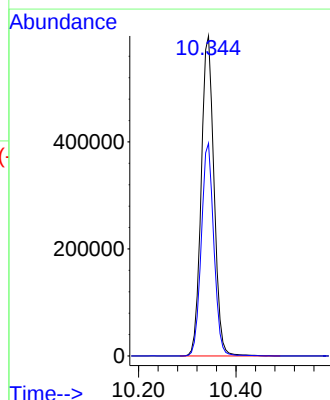
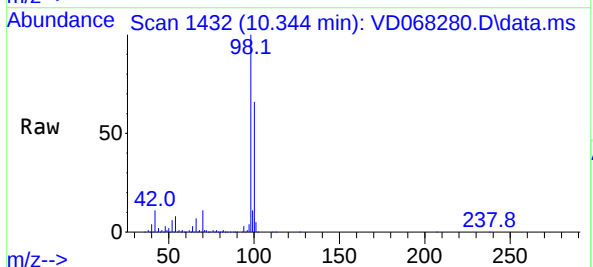
Instrument :
MSVOA_D
ClientSampleId :
OU421-004-1015

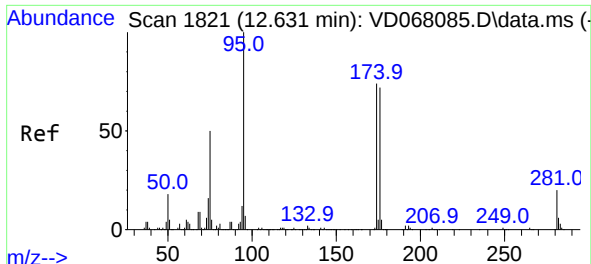
Tgt Ion:113 Resp: 262623
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 18.1 16.1 24.1



#50
Toluene-d8
Concen: 56.77 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068280.D
Acq: 04 Feb 2021 16:52

Tgt Ion: 98 Resp: 1089542
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4

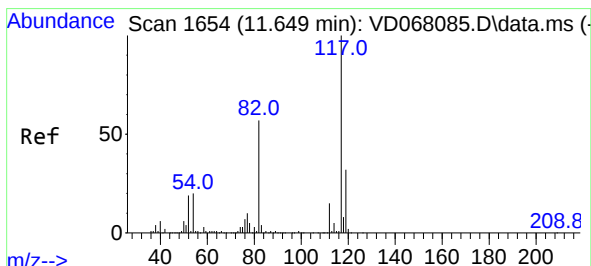
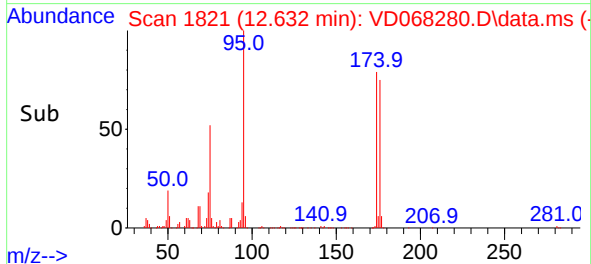
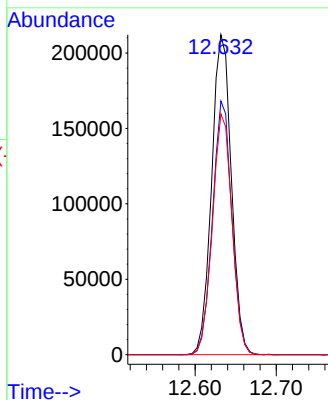
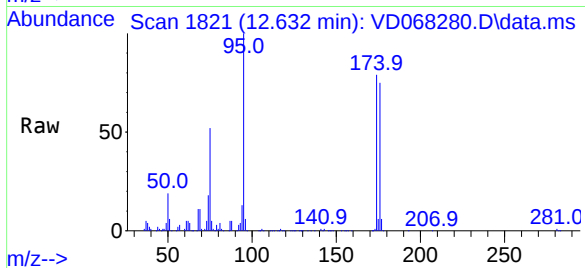




#62
4-Bromofluorobenzene
Concen: 51.65 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068280.D
Acq: 04 Feb 2021 16:52

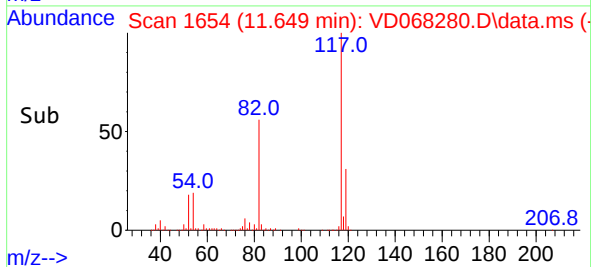
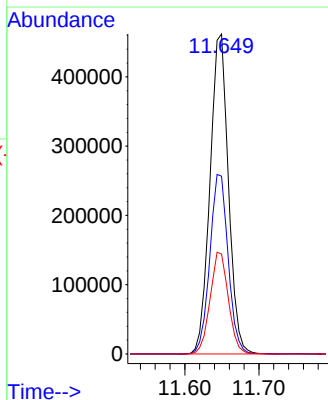
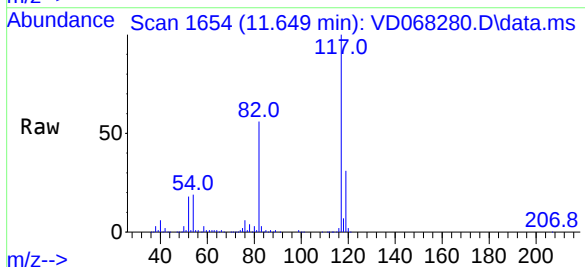
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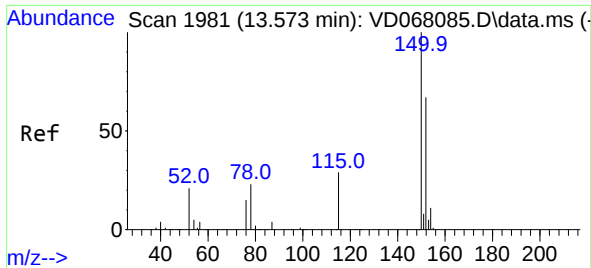
Tgt Ion: 95 Resp: 356972
Ion Ratio Lower Upper
95 100
174 77.8 0.0 172.4
176 74.9 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068280.D
Acq: 04 Feb 2021 16:52

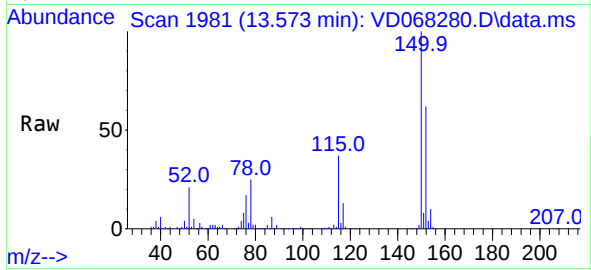
Tgt Ion: 117 Resp: 796406
Ion Ratio Lower Upper
117 100
82 55.6 41.4 62.0
119 31.2 26.1 39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068280.D
Acq: 04 Feb 2021 16:52

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:152 Resp: 354836

Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.9	86.8
150	160.1	0.0	344.4

