

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
 Data File : VD068186.D
 Acq On : 26 Jan 2021 12:46
 Operator : VA/SY
 Sample : M1235-02
 Misc : 6.4G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-SAMPLE-1

Quant Time: Jan 27 00:11:25 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)

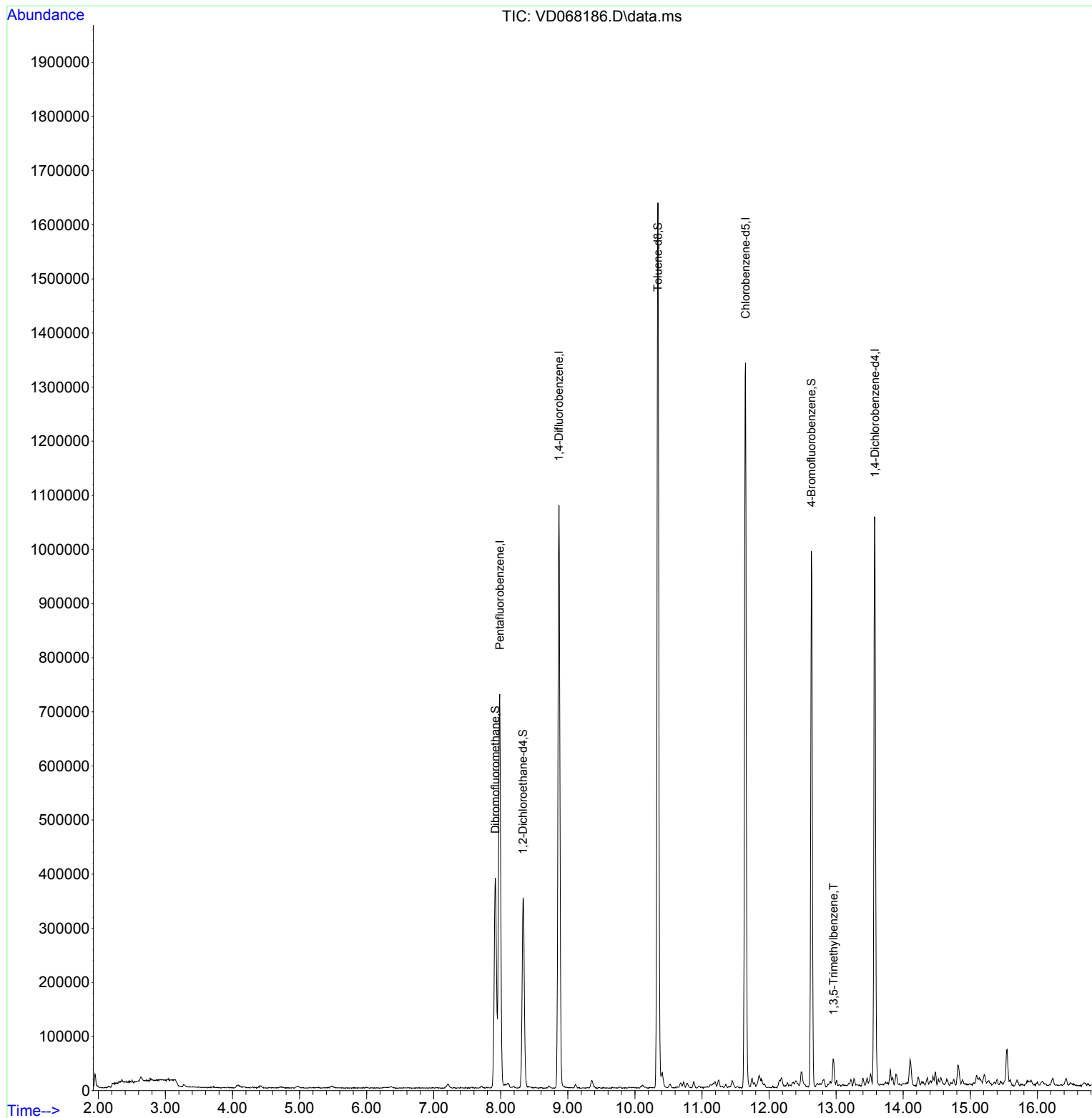
Internal Standards						
1) Pentafluorobenzene	7.985	168	550757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	971191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	808630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	293550	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	283773	53.86	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.72%	
35) Dibromofluoromethane	7.920	113	287206	53.49	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.98%	
50) Toluene-d8	10.344	98	1165289	54.26	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.52%	
62) 4-Bromofluorobenzene	12.632	95	338887	43.82	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.64%	
Target Compounds						Qvalue
80) 1,3,5-Trimethylbenzene	12.961	105	22383	1.10	ug/l	98

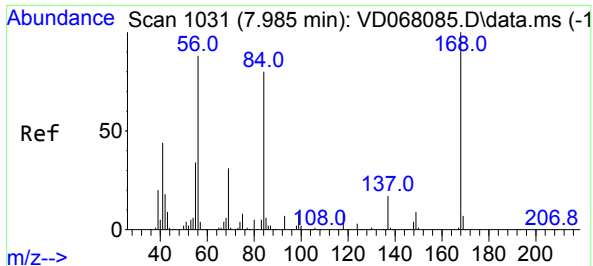
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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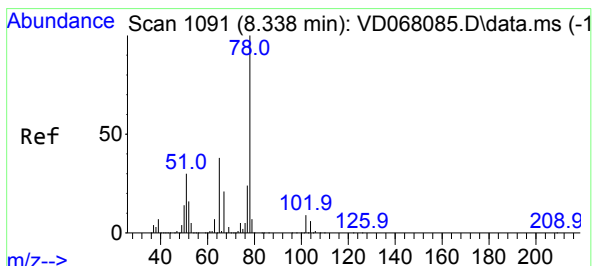
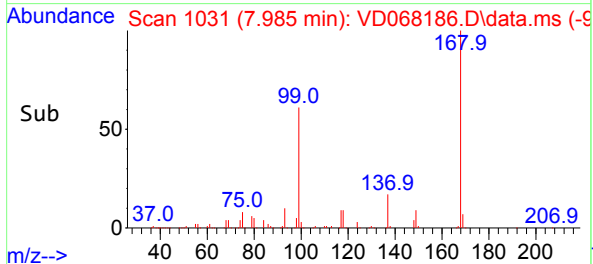
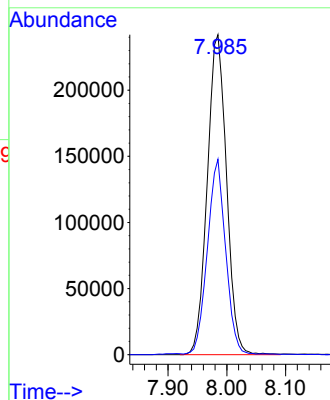
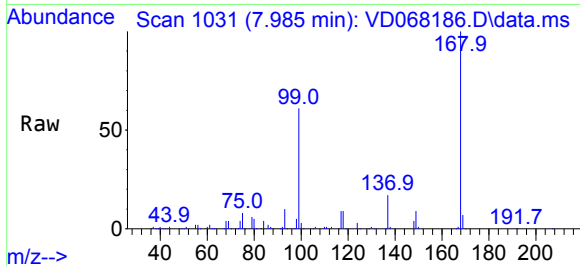




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068186.D
Acq: 26 Jan 2021 12:46

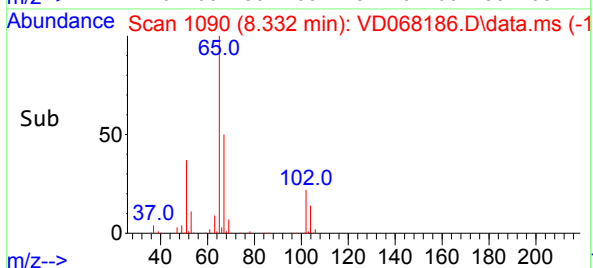
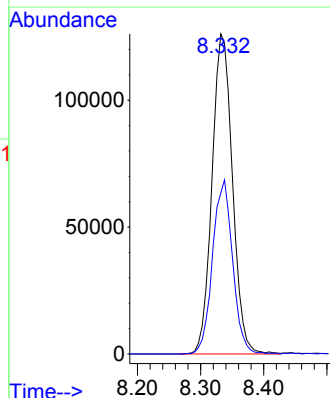
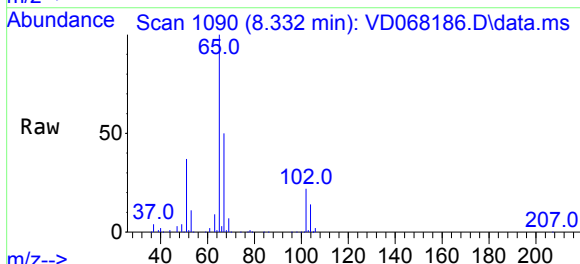
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-SAMPLE-1

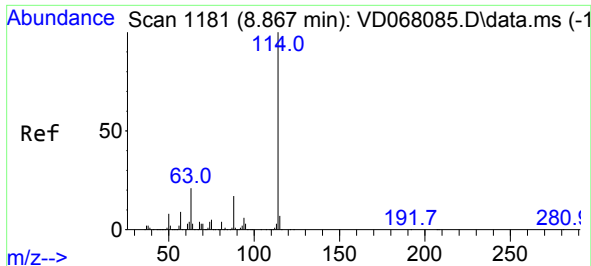
Tgt Ion:168 Resp: 550757
Ion Ratio Lower Upper
168 100
99 61.0 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 53.86 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068186.D
Acq: 26 Jan 2021 12:46

Tgt Ion: 65 Resp: 283773
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0

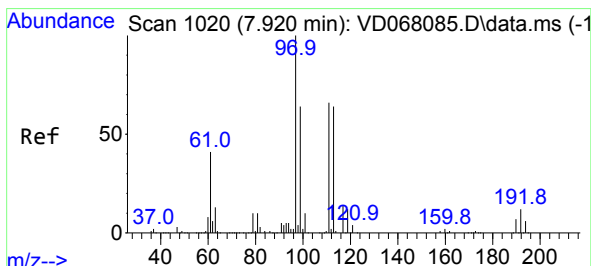
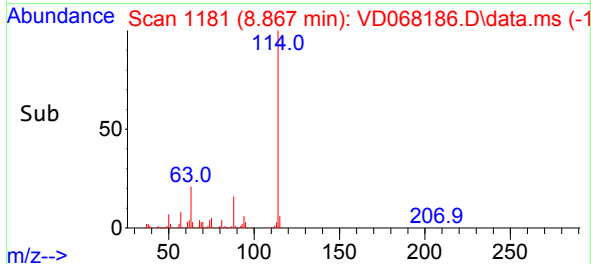
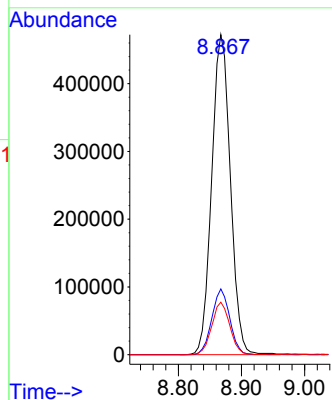
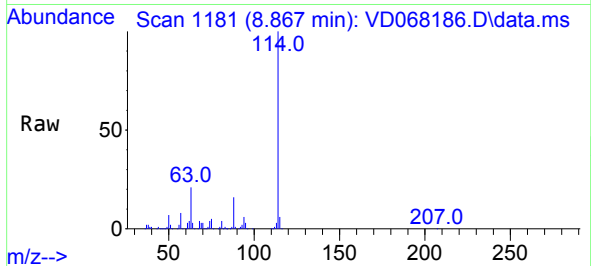




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068186.D
Acq: 26 Jan 2021 12:46

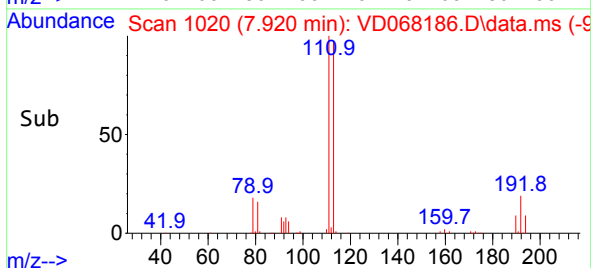
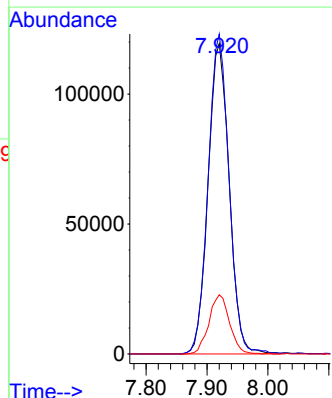
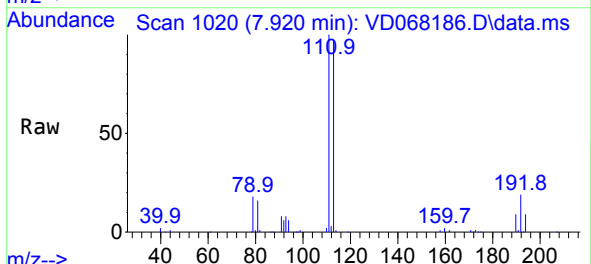
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-SAMPLE-1

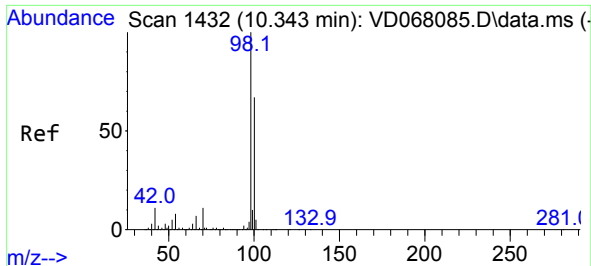
Tgt Ion:114 Resp: 971191
Ion Ratio Lower Upper
114 100
63 20.6 0.0 34.8
88 16.4 0.0 31.6



#35
Dibromofluoromethane
Concen: 53.49 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068186.D
Acq: 26 Jan 2021 12:46

Tgt Ion:113 Resp: 287206
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 18.7 16.1 24.1

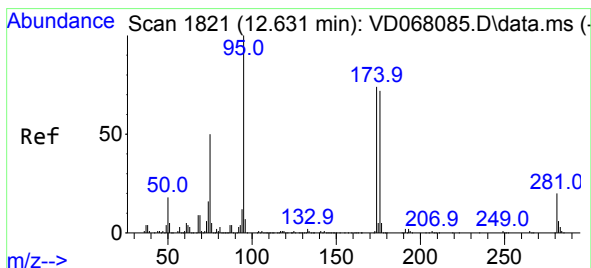
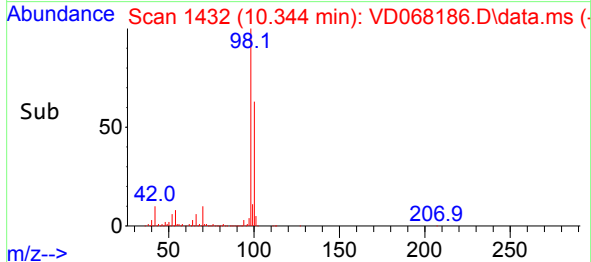
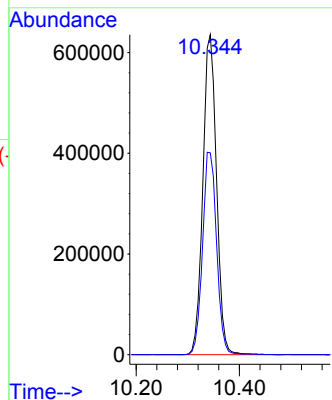
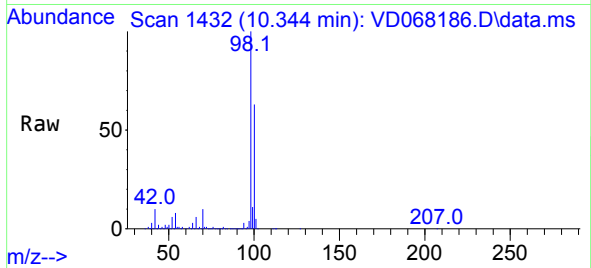




#50
Toluene-d8
Concen: 54.26 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068186.D
Acq: 26 Jan 2021 12:46

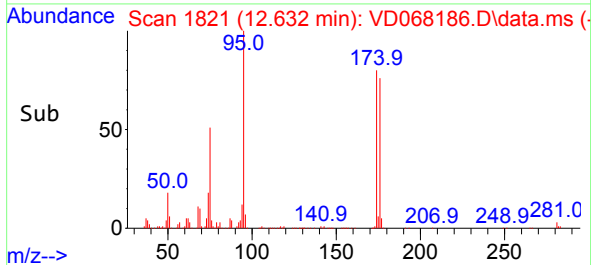
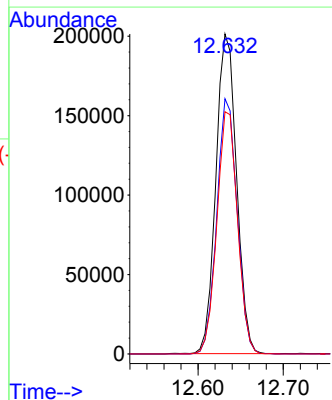
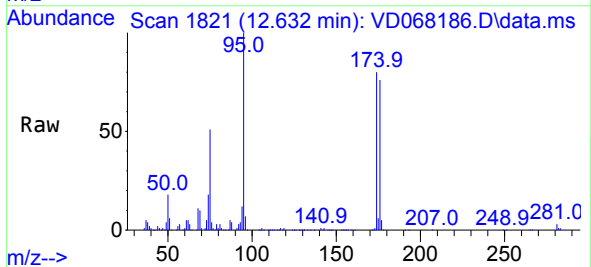
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-SAMPLE-1

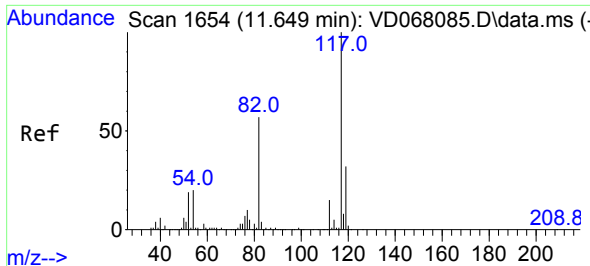
Tgt Ion: 98 Resp: 1165289
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 43.82 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068186.D
Acq: 26 Jan 2021 12:46

Tgt Ion: 95 Resp: 338887
Ion Ratio Lower Upper
95 100
174 78.7 0.0 172.4
176 75.7 0.0 168.4

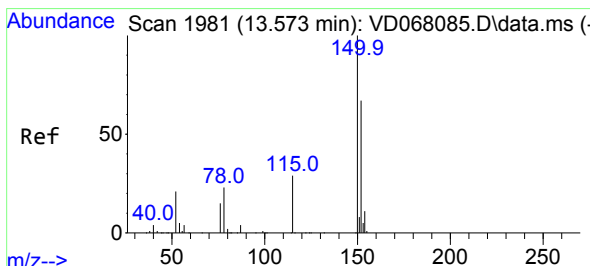
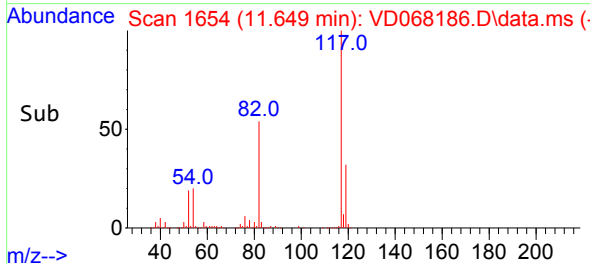
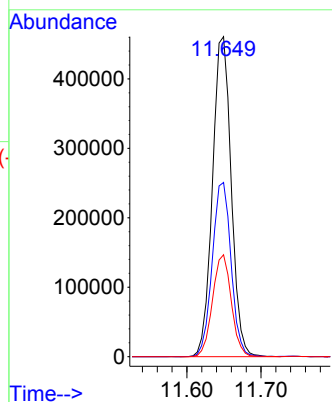
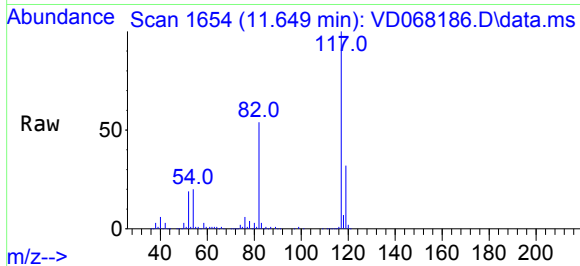




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068186.D
Acq: 26 Jan 2021 12:46

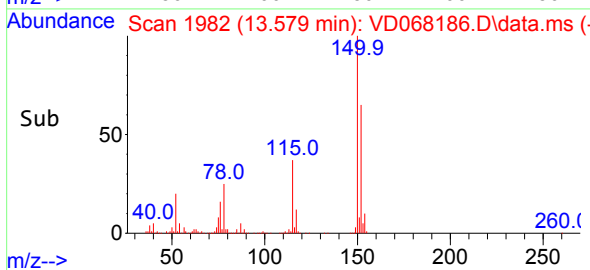
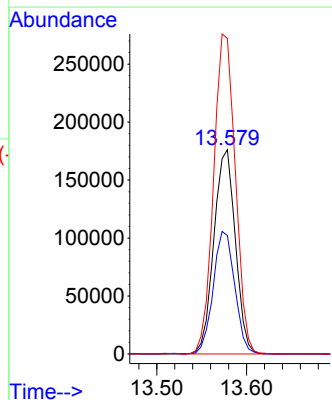
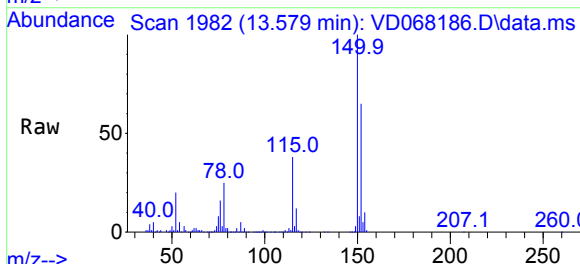
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-SAMPLE-1

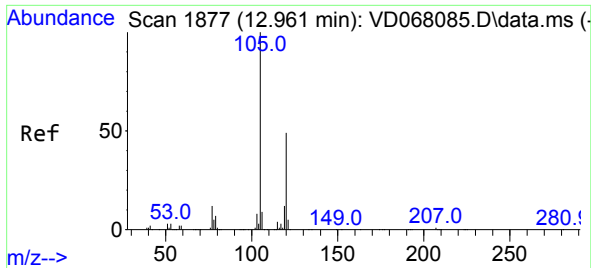
Tgt Ion:117 Resp: 808630
Ion Ratio Lower Upper
117 100
82 54.4 41.4 62.0
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068186.D
Acq: 26 Jan 2021 12:46

Tgt Ion:152 Resp: 293550
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.8
150 158.3 0.0 344.4





#80
1,3,5-Trimethylbenzene
Concen: 1.10 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068186.D
Acq: 26 Jan 2021 12:46

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-SAMPLE-1

Tgt Ion:105 Resp: 22383
Ion Ratio Lower Upper
105 100
120 47.3 24.2 72.6

