

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012121\
 Data File : VD068137.D
 Acq On : 21 Jan 2021 17:14
 Operator : VA/SY
 Sample : M1177-01
 Misc : 4.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PILE-1-(0.5-1.0)

Quant Time: Jan 22 00:10:58 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)

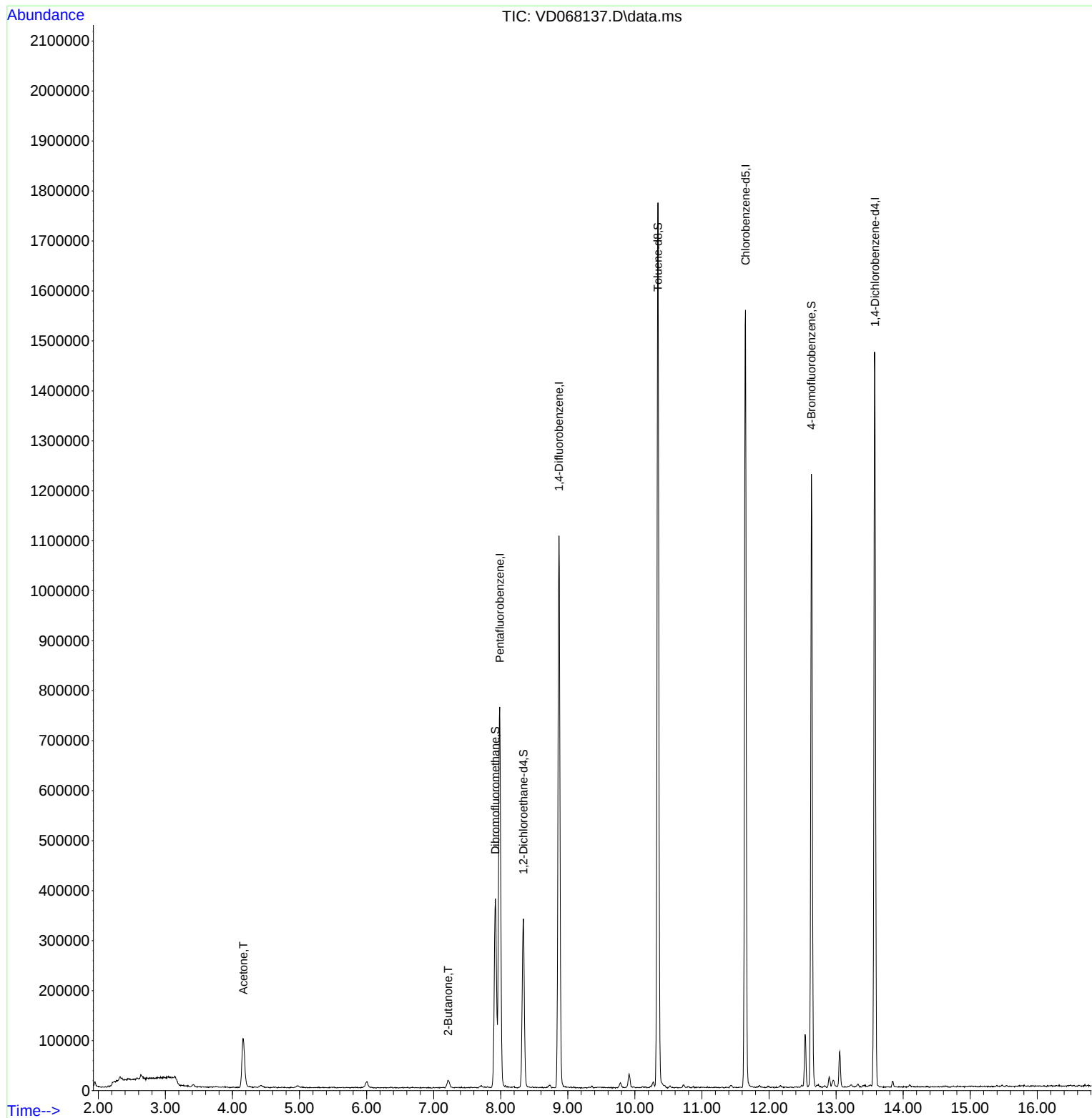
Internal Standards						
1) Pentafluorobenzene	7.985	168	577022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	982941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	920097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	400098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	271406	49.17	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.34%
35) Dibromofluoromethane	7.920	113	277498	51.06	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.12%
50) Toluene-d8	10.344	98	1221130	56.18	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.36%
62) 4-Bromofluorobenzene	12.632	95	418454	53.46	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.92%
Target Compounds						Qvalue
16) Acetone	4.162	43	177685	180.28	ug/l	95
25) 2-Butanone	7.214	43	25428	17.13	ug/l	91

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

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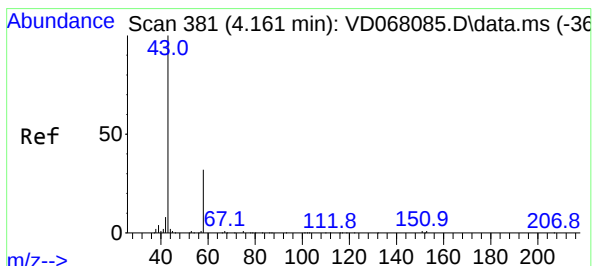
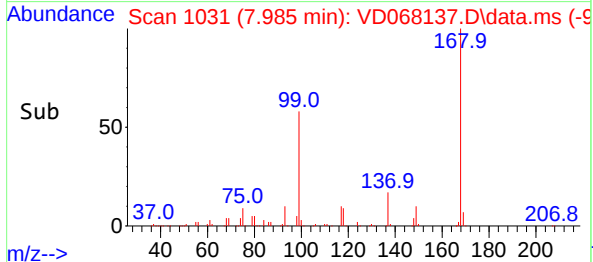
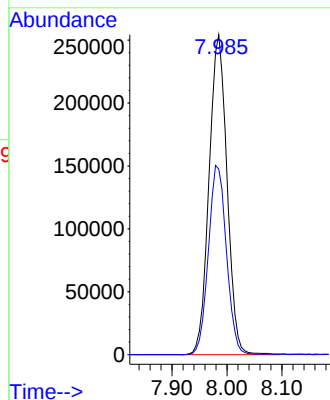
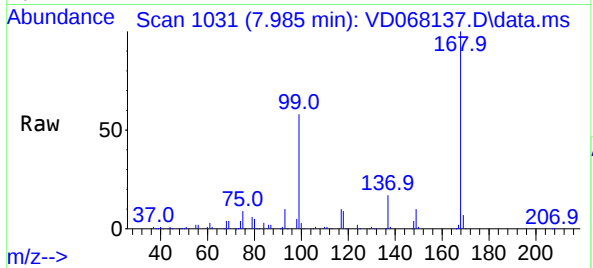




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068137.D
Acq: 21 Jan 2021 17:14

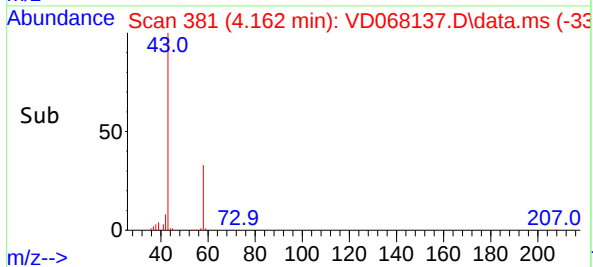
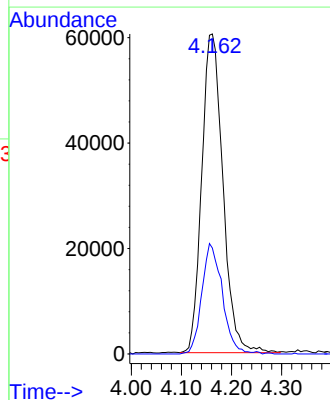
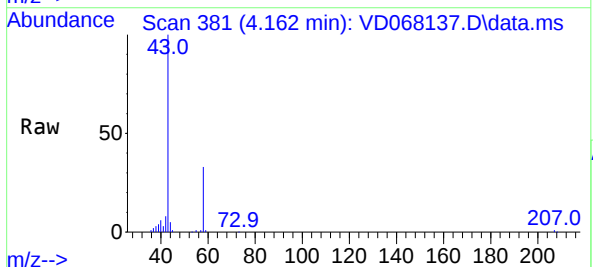
Instrument :
MSVOA_D
ClientSampleId :
PILE-1-(0.5-1.0)

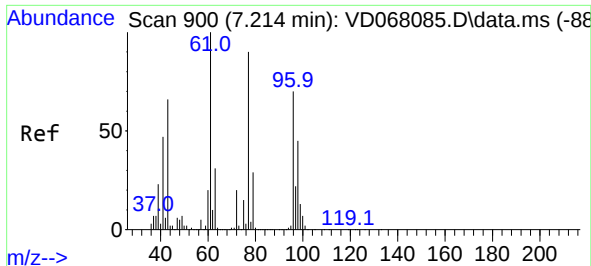
Tgt Ion:168 Resp: 577022
Ion Ratio Lower Upper
168 100
99 58.0 43.5 65.3



#16
Acetone
Concen: 180.28 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068137.D
Acq: 21 Jan 2021 17:14

Tgt Ion: 43 Resp: 177685
Ion Ratio Lower Upper
43 100
58 33.2 24.2 36.4

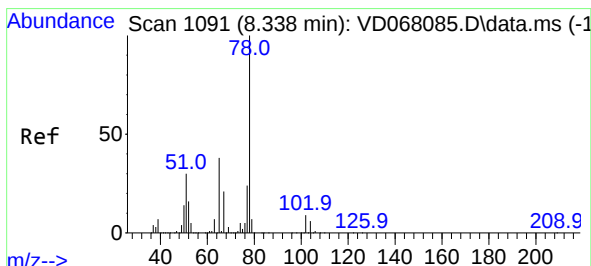
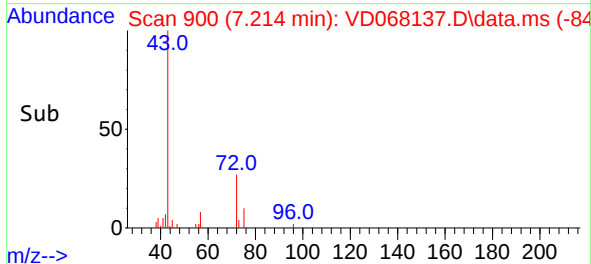
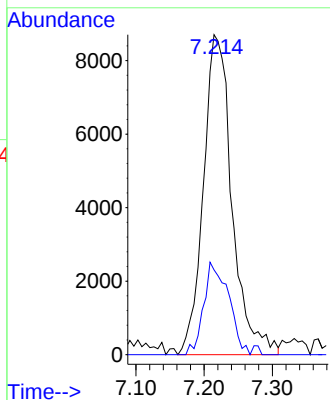
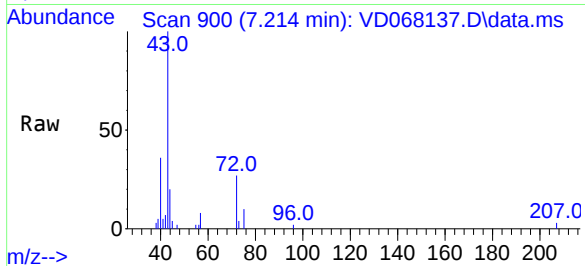




#25
2-Butanone
Concen: 17.13 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068137.D
Acq: 21 Jan 2021 17:14

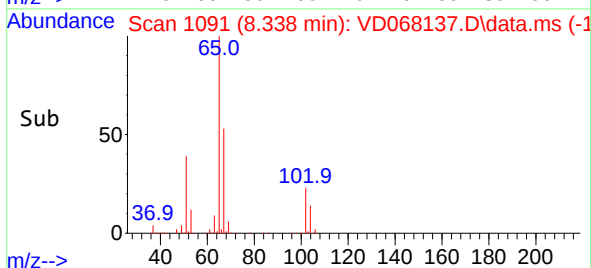
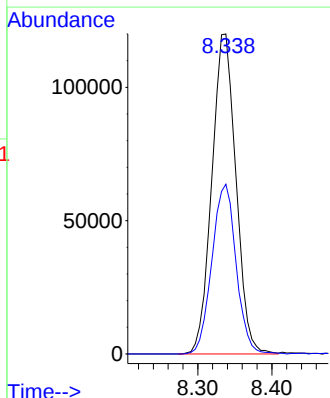
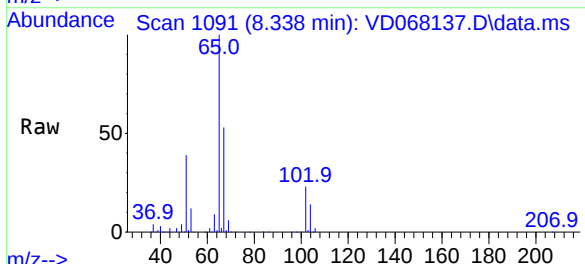
Instrument :
MSVOA_D
ClientSampleId :
PILE-1-(0.5-1.0)

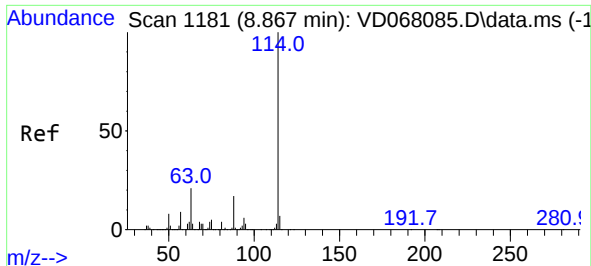
Tgt Ion: 43 Resp: 25428
Ion Ratio Lower Upper
43 100
72 26.5 25.1 37.7



#33
1,2-Dichloroethane-d4
Concen: 49.17 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068137.D
Acq: 21 Jan 2021 17:14

Tgt Ion: 65 Resp: 271406
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0

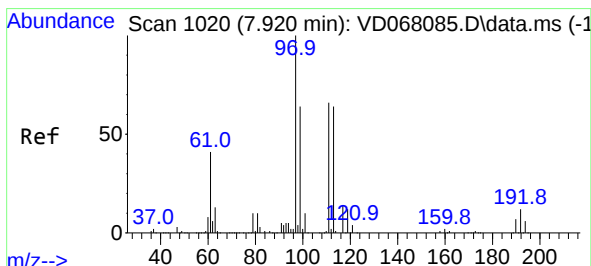
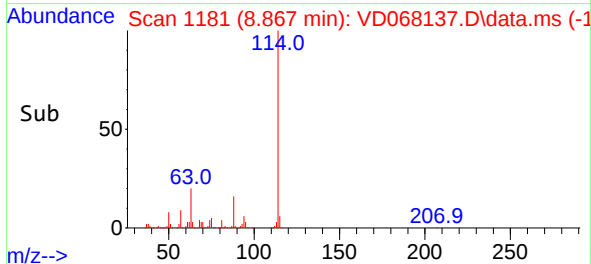
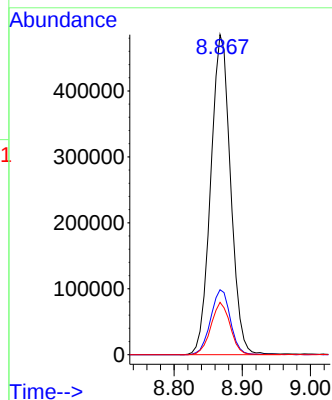
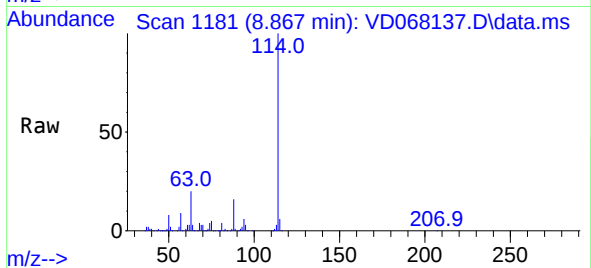




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068137.D
Acq: 21 Jan 2021 17:14

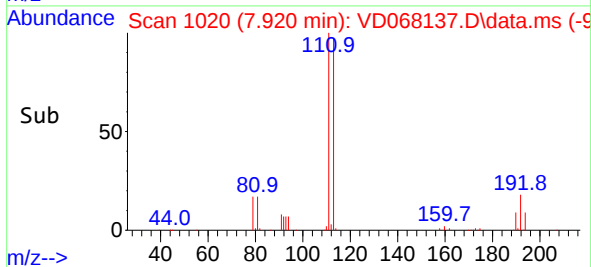
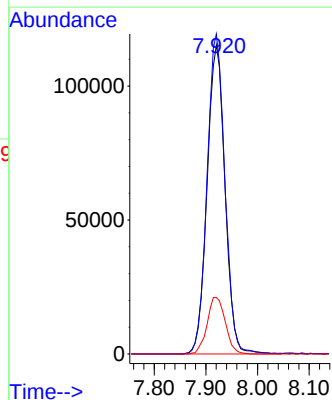
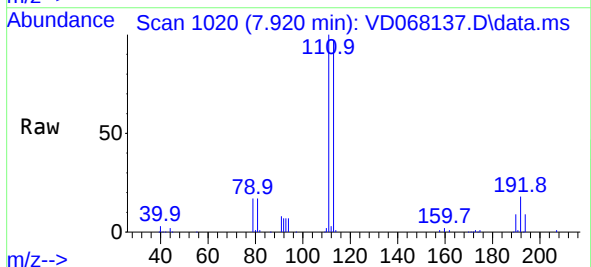
Instrument :
MSVOA_D
ClientSampleId :
PILE-1-(0.5-1.0)

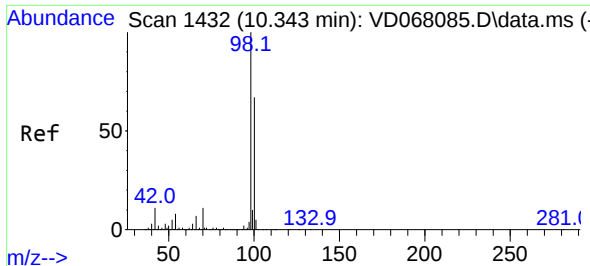
Tgt Ion:114 Resp: 982941
Ion Ratio Lower Upper
114 100
63 20.3 0.0 34.8
88 16.4 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.06 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068137.D
Acq: 21 Jan 2021 17:14

Tgt Ion:113 Resp: 277498
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 18.6 16.1 24.1

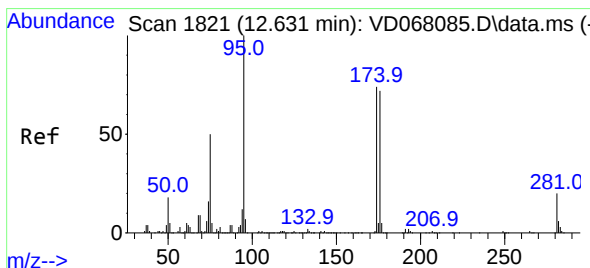
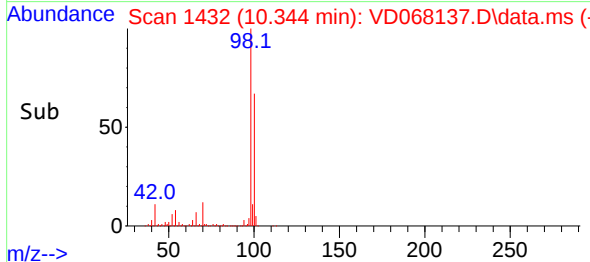
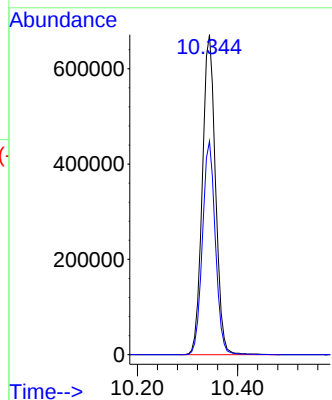
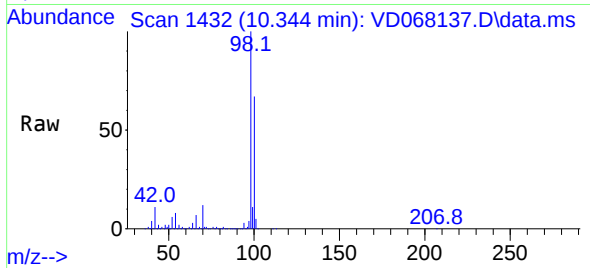




#50
Toluene-d8
Concen: 56.18 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068137.D
Acq: 21 Jan 2021 17:14

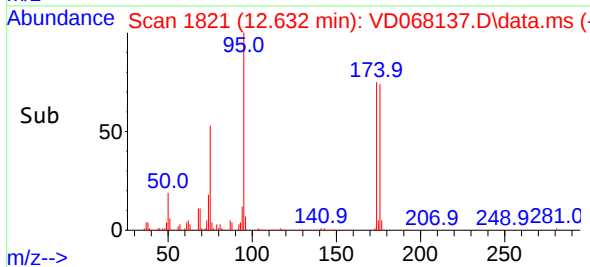
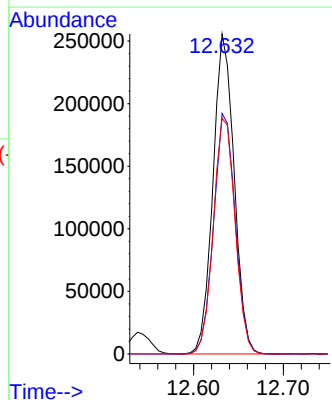
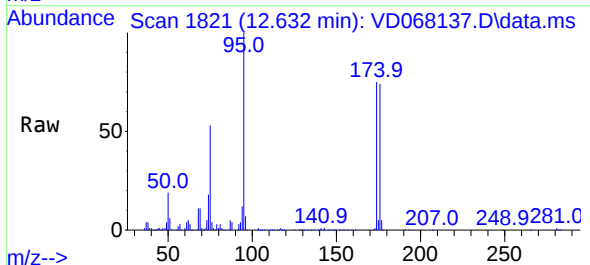
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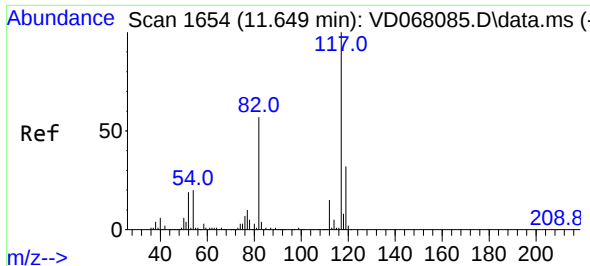
Tgt Ion: 98 Resp: 1221130
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.46 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068137.D
Acq: 21 Jan 2021 17:14

Tgt Ion: 95 Resp: 418454
Ion Ratio Lower Upper
95 100
174 77.1 0.0 172.4
176 75.8 0.0 168.4

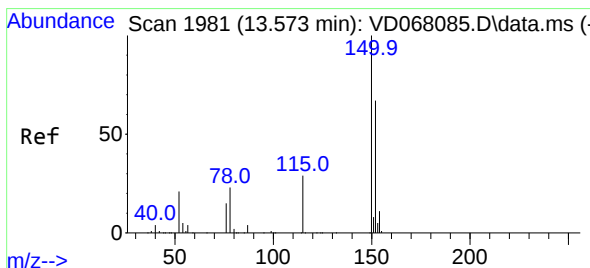
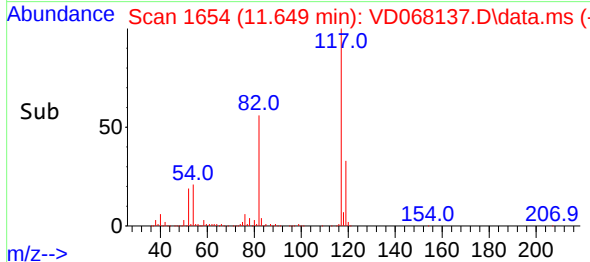
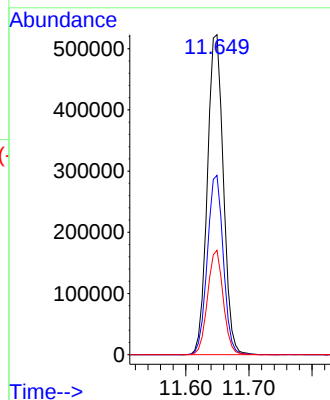
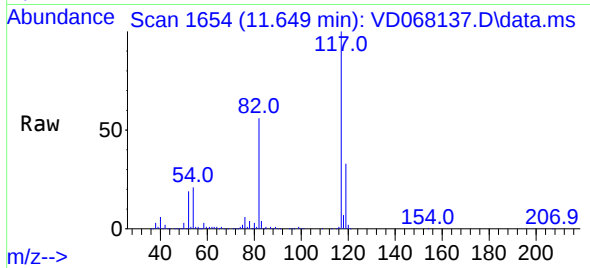




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068137.D
Acq: 21 Jan 2021 17:14

Instrument :
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PILE-1-(0.5-1.0)

Tgt Ion:	117	Resp:	920097
Ion	Ratio	Lower	Upper
117	100		
82	56.1	41.4	62.0
119	32.6	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: VD068137.D
Acq: 21 Jan 2021 17:14

Tgt Ion:	152	Resp:	400098
Ion	Ratio	Lower	Upper
152	100		
115	60.8	28.9	86.8
150	157.2	0.0	344.4

