

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068067.D
 Acq On : 13 Jan 2021 13:23
 Operator : VA/SY
 Sample : M1068-02
 Misc : 7.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-066-A

Quant Time: Jan 13 15:26:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:57:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	548424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	931624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	922690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	424336	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	256971	55.11	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.22%
35) Dibromofluoromethane	7.914	113	294342	55.43	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.86%
50) Toluene-d8	10.344	98	1097693	56.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.18%
62) 4-Bromofluorobenzene	12.632	95	391705	57.13	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.26%

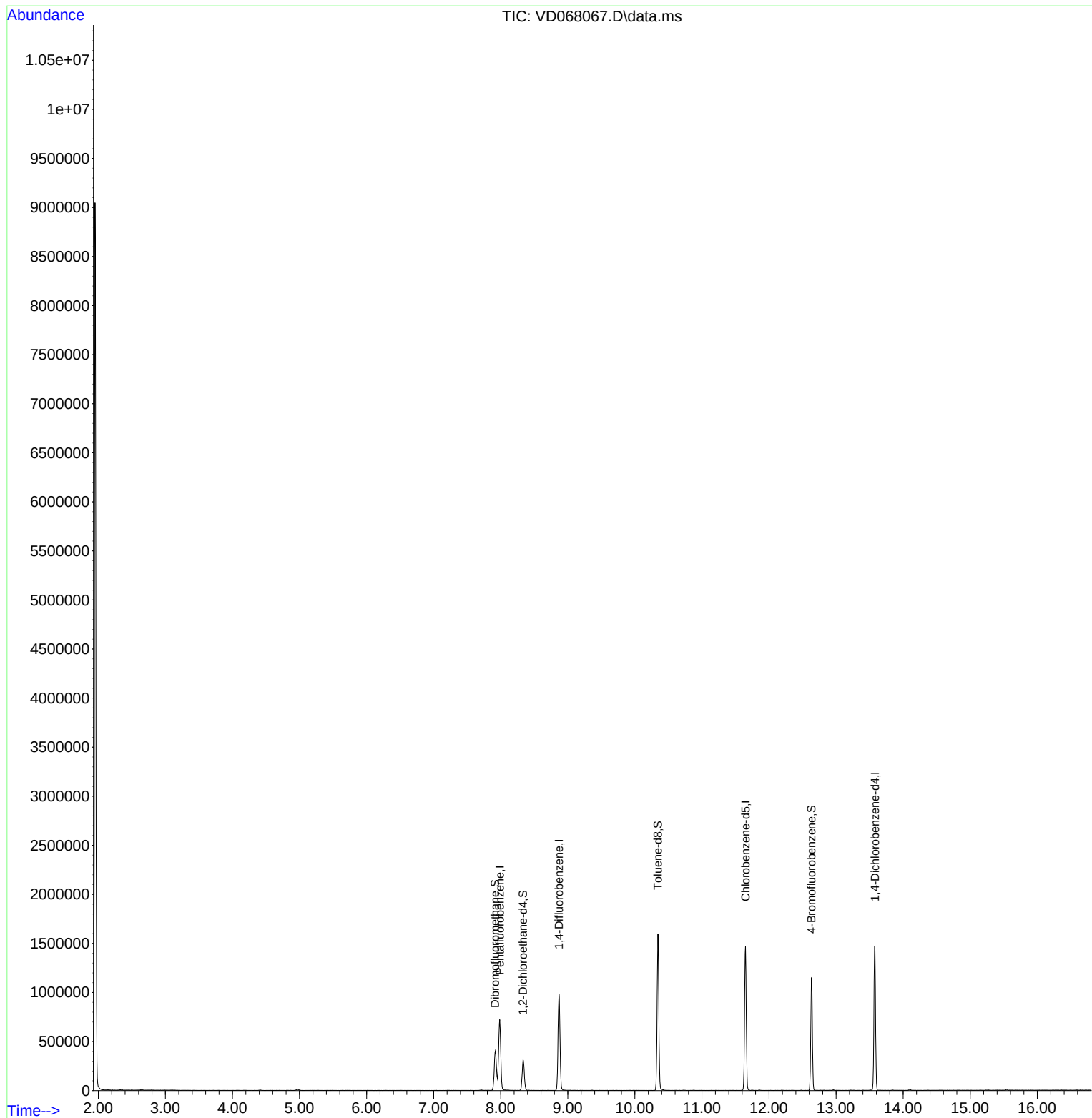
Target Compounds	Qvalue

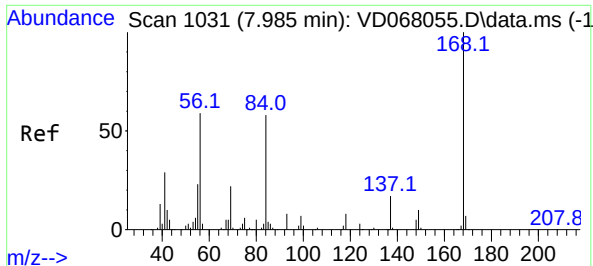
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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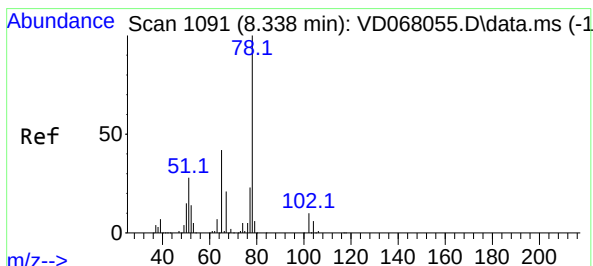
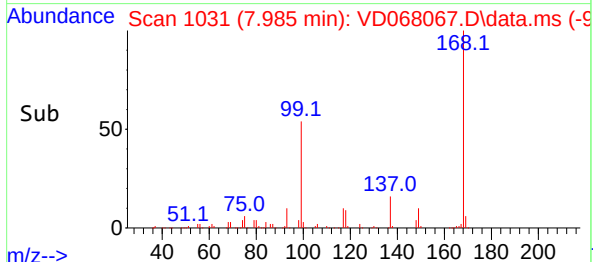
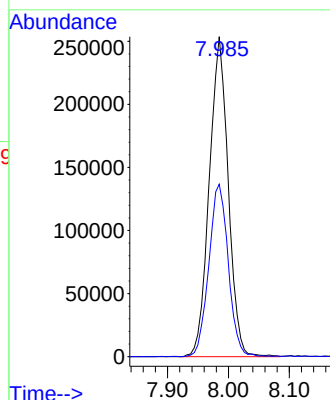
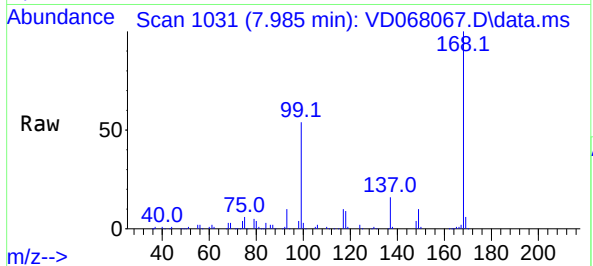




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068067.D
Acq: 13 Jan 2021 13:23

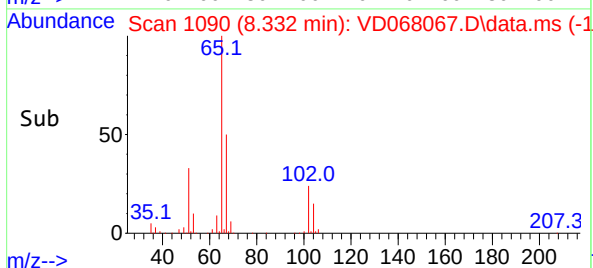
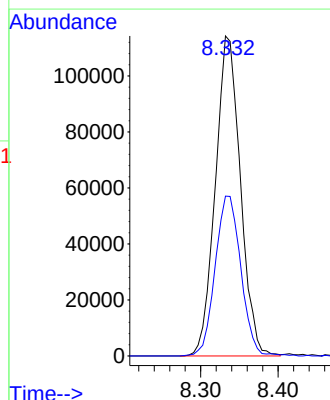
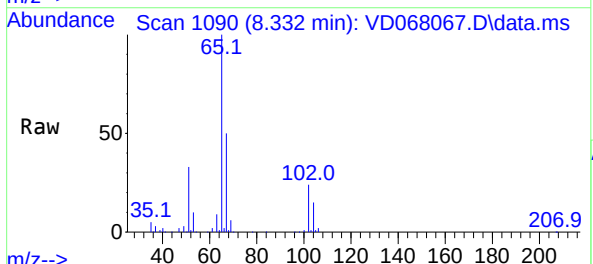
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-066-A

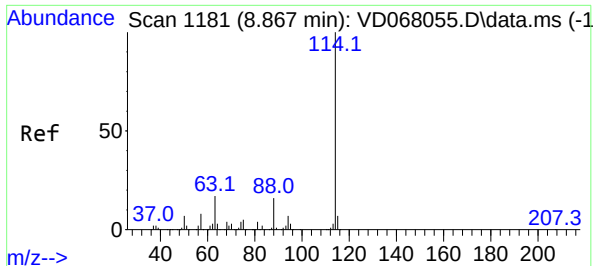
Tgt Ion:168 Resp: 548424
Ion Ratio Lower Upper
168 100
99 53.9 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 55.11 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068067.D
Acq: 13 Jan 2021 13:23

Tgt Ion: 65 Resp: 256971
Ion Ratio Lower Upper
65 100
67 51.2 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: VD068067.D

Acq: 13 Jan 2021 13:23

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-066-A

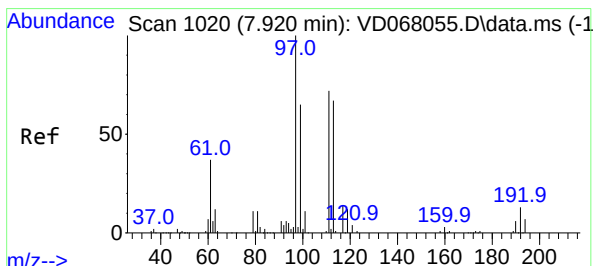
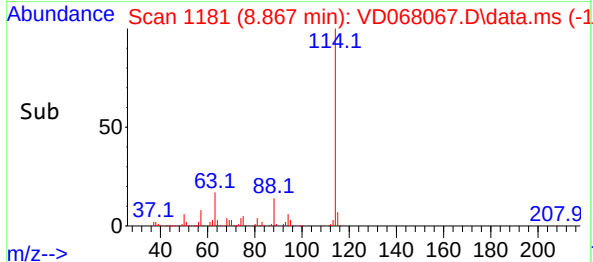
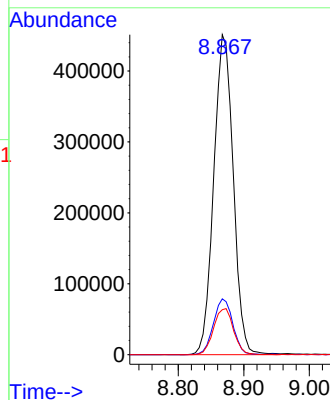
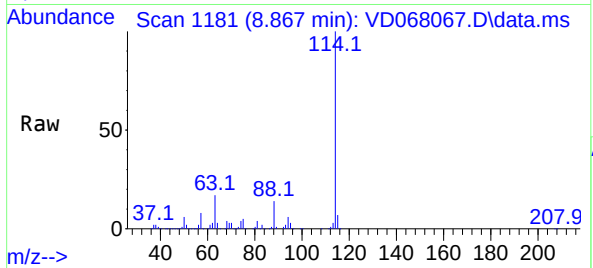
Tgt Ion:114 Resp: 931624

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.8

88 14.1 0.0 31.6



#35

Dibromofluoromethane

Concen: 55.43 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068067.D

Acq: 13 Jan 2021 13:23

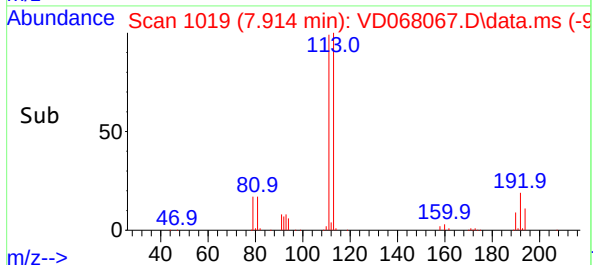
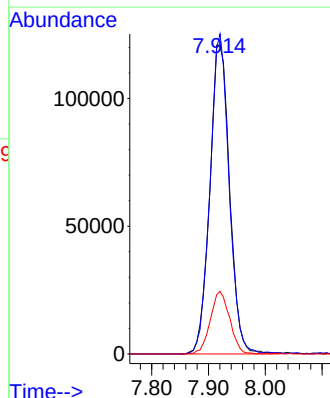
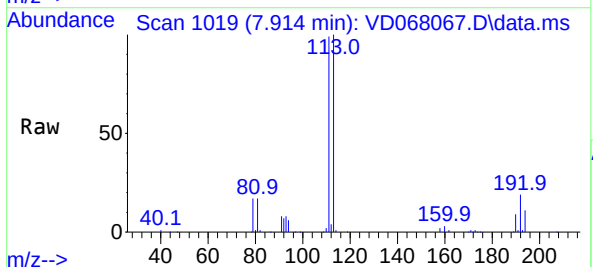
Tgt Ion:113 Resp: 294342

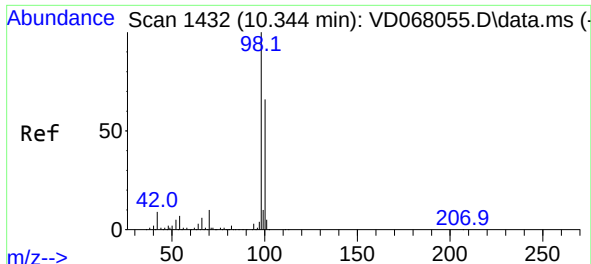
Ion Ratio Lower Upper

113 100

111 98.8 81.4 122.0

192 19.7 16.1 24.1

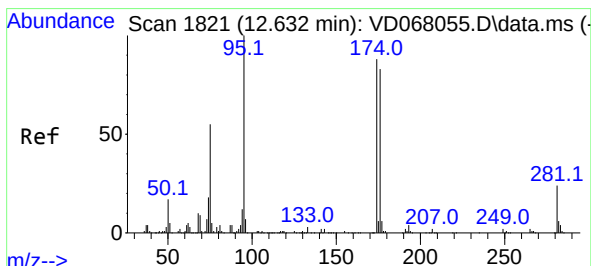
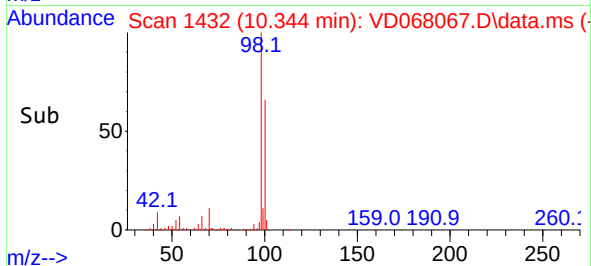
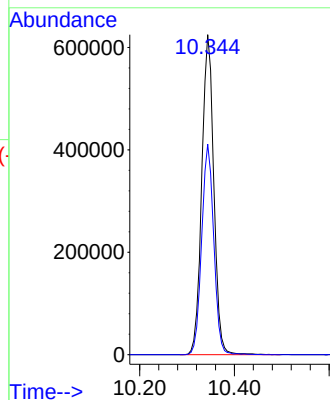
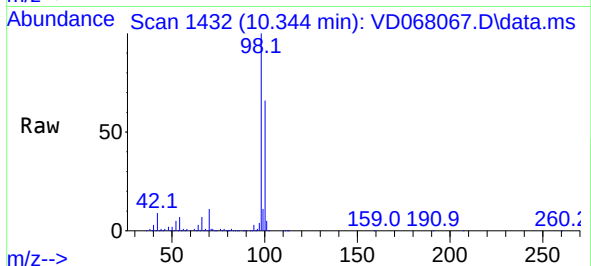




#50
Toluene-d8
Concen: 56.09 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068067.D
Acq: 13 Jan 2021 13:23

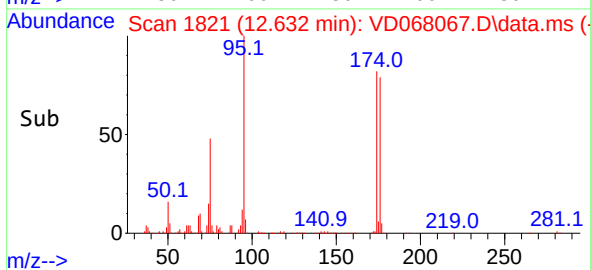
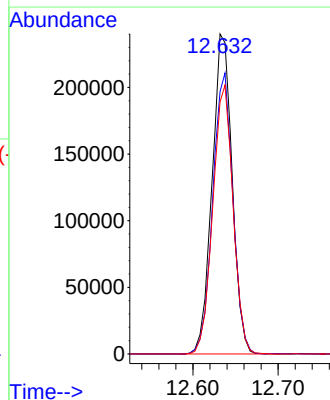
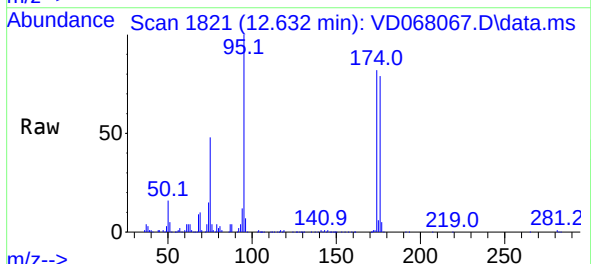
Instrument :
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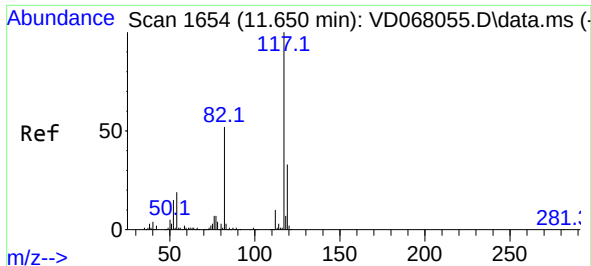
Tgt Ion: 98 Resp: 1097693
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.13 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068067.D
Acq: 13 Jan 2021 13:23

Tgt Ion: 95 Resp: 391705
Ion Ratio Lower Upper
95 100
174 88.3 0.0 172.4
176 84.9 0.0 168.4

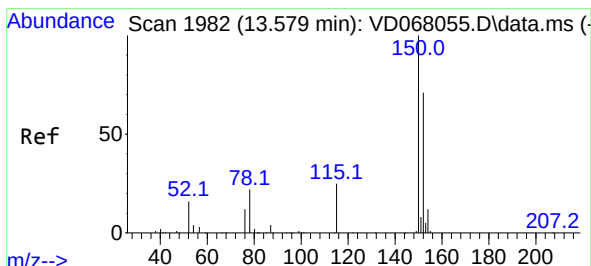
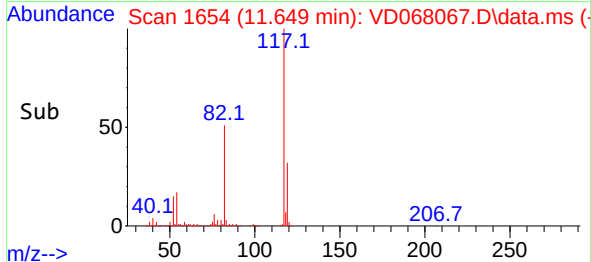
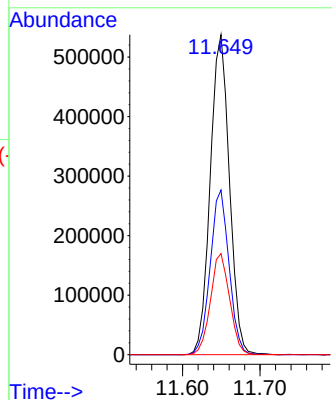
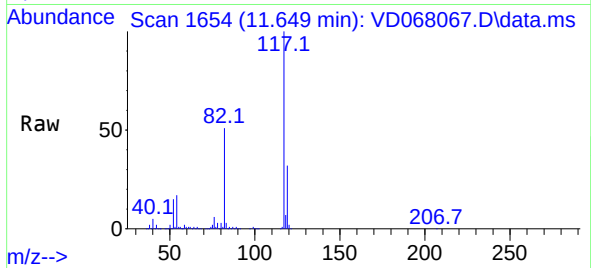




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068067.D
Acq: 13 Jan 2021 13:23

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-066-A

Tgt Ion:	117	Resp:	922690
Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.4	62.0
119	31.6	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD068067.D
Acq: 13 Jan 2021 13:23

Tgt Ion:	152	Resp:	424336
Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.9	86.8
150	160.4	0.0	344.4

