

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012121\
 Data File : VD068144.D
 Acq On : 21 Jan 2021 20:25
 Operator : VA/SY
 Sample : M1207-04
 Misc : 7.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-03-010-B

Quant Time: Jan 22 00:13:02 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	555656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	954035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	827188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.578	152	332114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.337	65	274325	51.61	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.22%
35) Dibromofluoromethane	7.920	113	268580	50.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.84%
50) Toluene-d8	10.343	98	1168250	55.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.74%
62) 4-Bromofluorobenzene	12.631	95	365237	48.07	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.14%

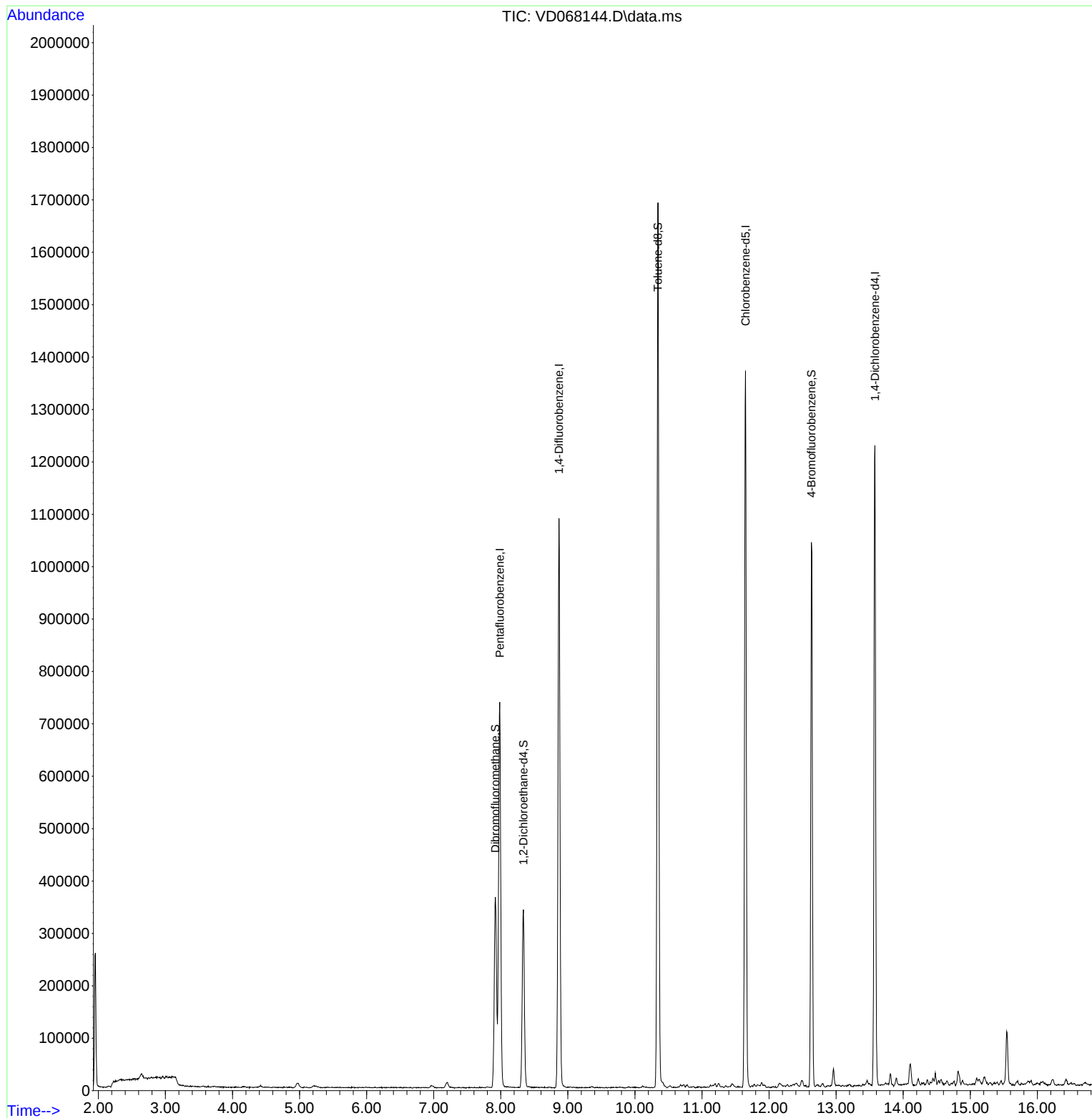
Target Compounds	Qvalue

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

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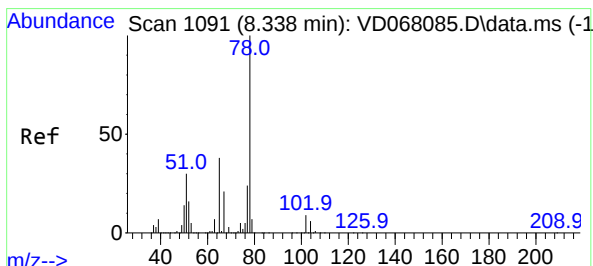
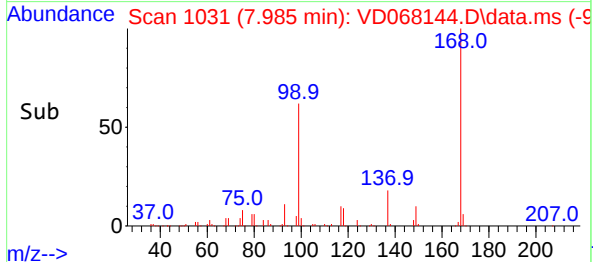
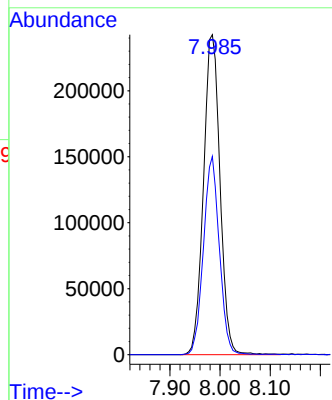
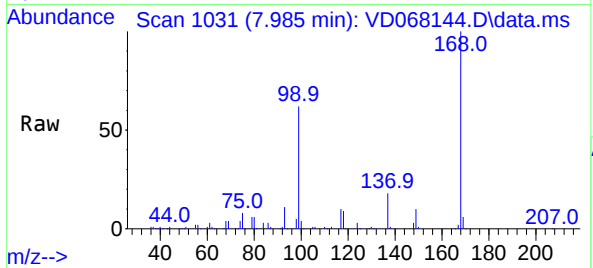




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

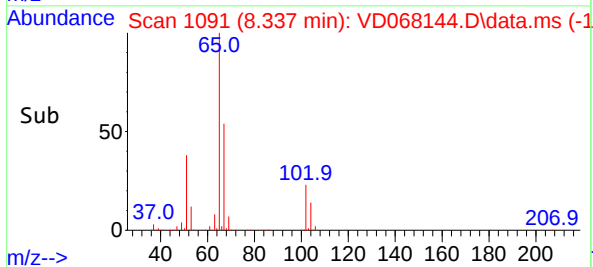
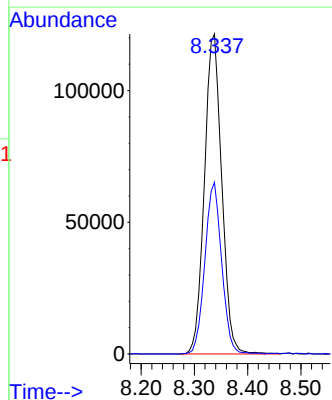
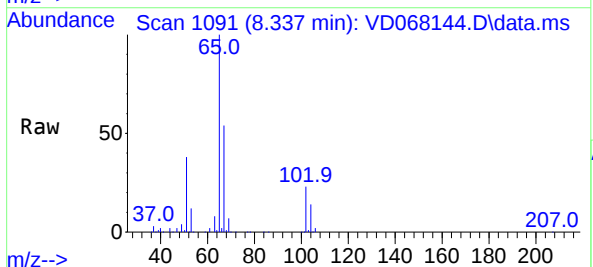
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-010-B

Tgt Ion:168 Resp: 555656
Ion Ratio Lower Upper
168 100
99 61.9 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 51.61 ug/l
RT: 8.337 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

Tgt Ion: 65 Resp: 274325
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.0

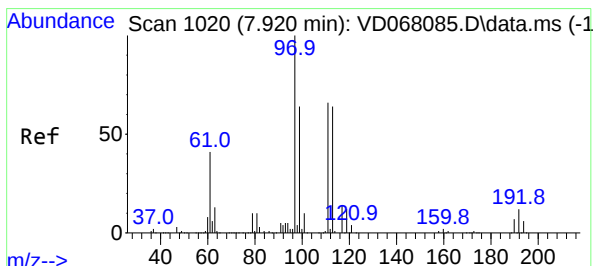
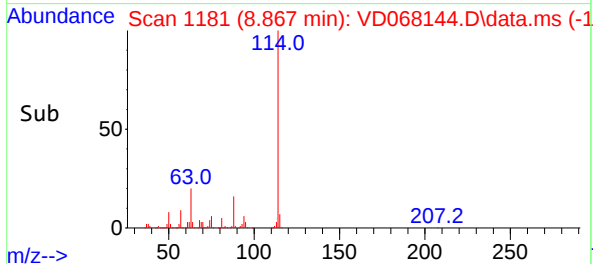
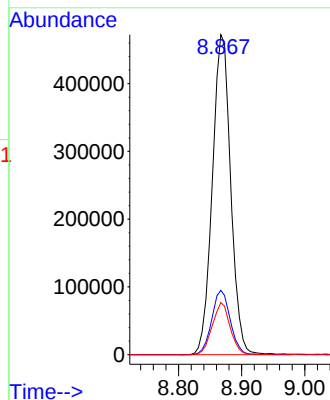
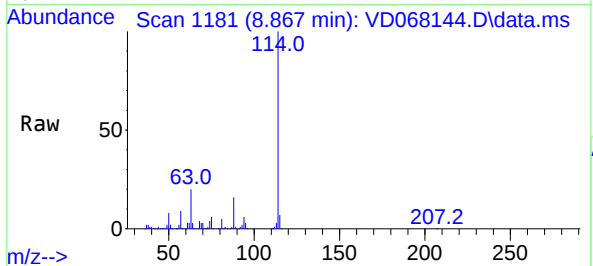




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

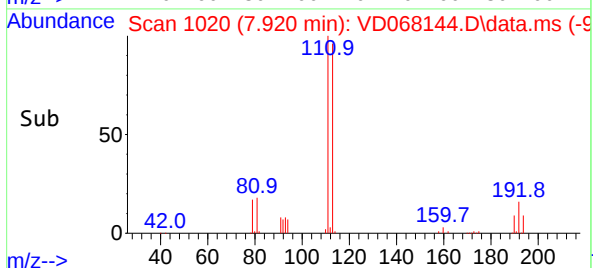
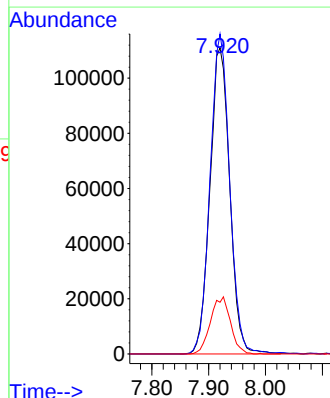
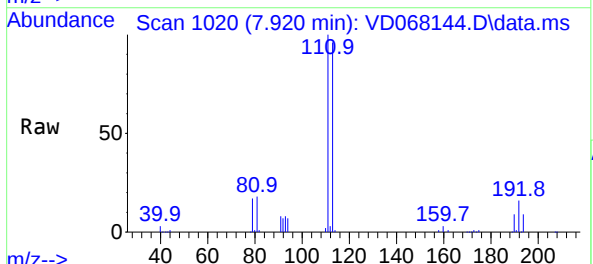
Instrument :
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ClientSampleId :
FK-SF-03-010-B

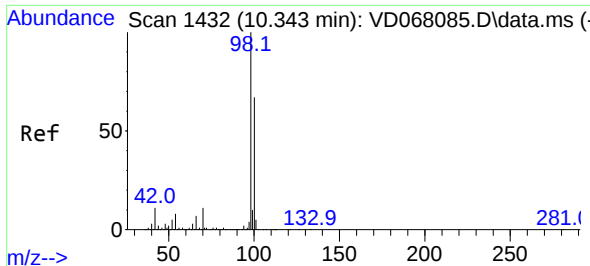
Tgt Ion:	114	Resp:	954035
Ion Ratio	Lower	Upper	
114	100		
63	20.1	0.0	34.8
88	16.3	0.0	31.6



#35
Dibromofluoromethane
Concen: 50.92 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

Tgt Ion:	113	Resp:	268580
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.4	122.0
192	18.8	16.1	24.1

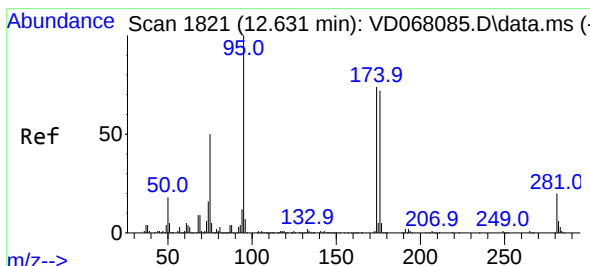
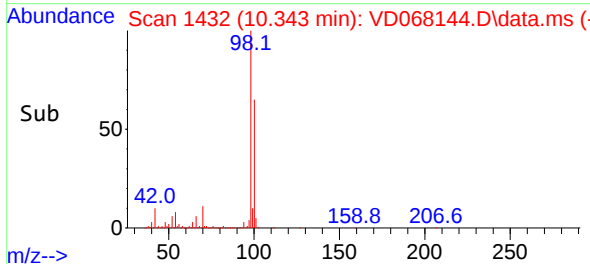
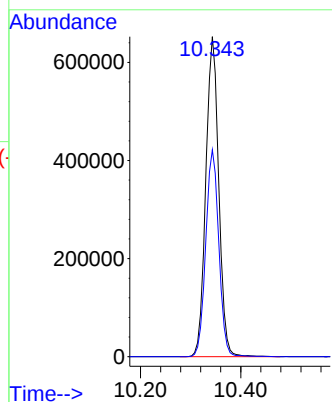
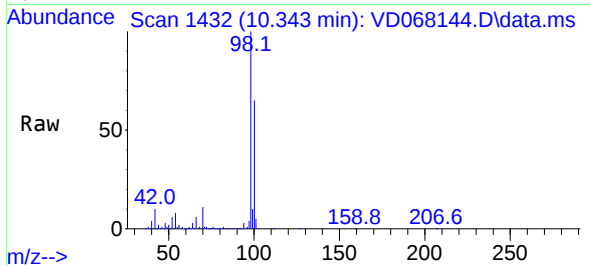




#50
Toluene-d8
Concen: 55.37 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

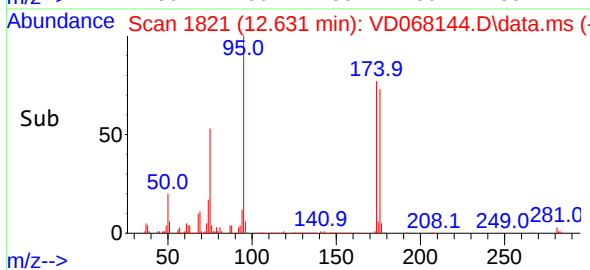
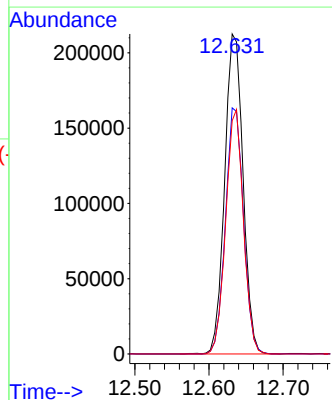
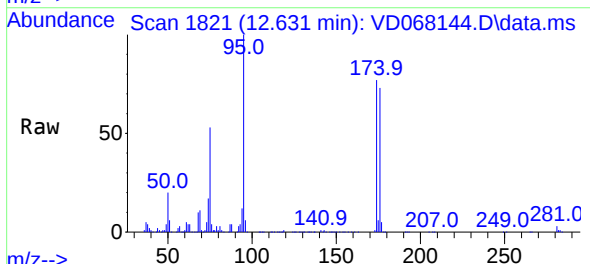
Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-010-B

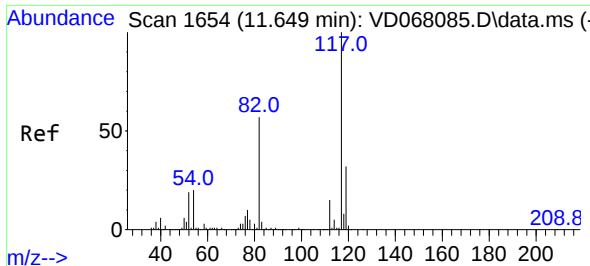
Tgt Ion: 98 Resp: 1168250
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.07 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

Tgt Ion: 95 Resp: 365237
Ion Ratio Lower Upper
95 100
174 75.6 0.0 172.4
176 73.5 0.0 168.4

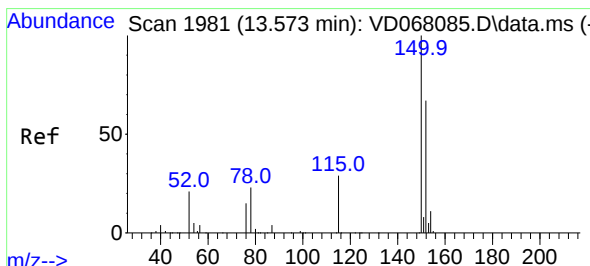
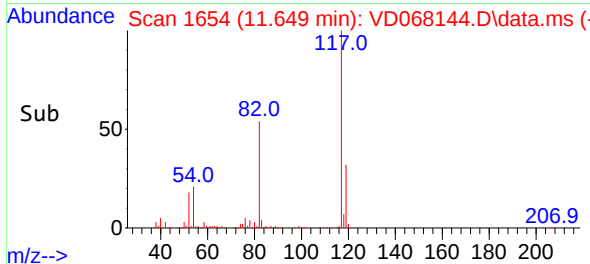
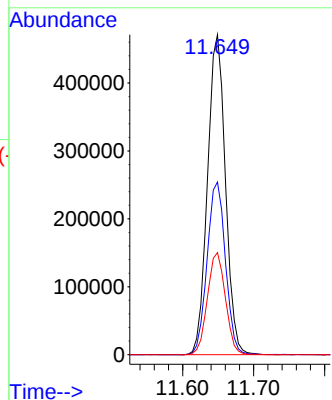
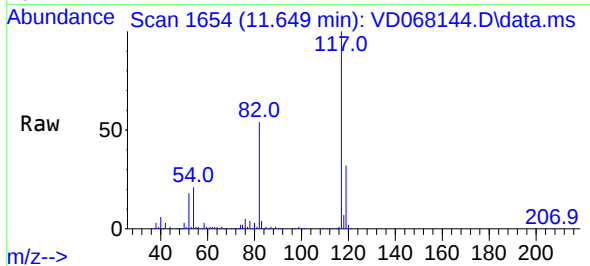




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-010-B

Tgt Ion:117 Resp: 827188
Ion Ratio Lower Upper
117 100
82 54.0 41.4 62.0
119 31.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.578 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068144.D
Acq: 21 Jan 2021 20:25

Tgt Ion:152 Resp: 332114
Ion Ratio Lower Upper
152 100
115 60.5 28.9 86.8
150 159.0 0.0 344.4

