

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080921\
 Data File : VD070006.D
 Acq On : 09 Aug 2021 19:49
 Operator : VA/SY
 Sample : M3296-02
 Misc : 5.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-026-ABCD

Quant Time: Aug 10 07:06:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	493824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1067868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1103130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	470472	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	427310	75.238	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.480%
35) Dibromofluoromethane	7.914	113	359522	53.406	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.820%
50) Toluene-d8	10.338	98	1336670	51.494	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.980%
62) 4-Bromofluorobenzene	12.626	95	486015	56.024	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.040%

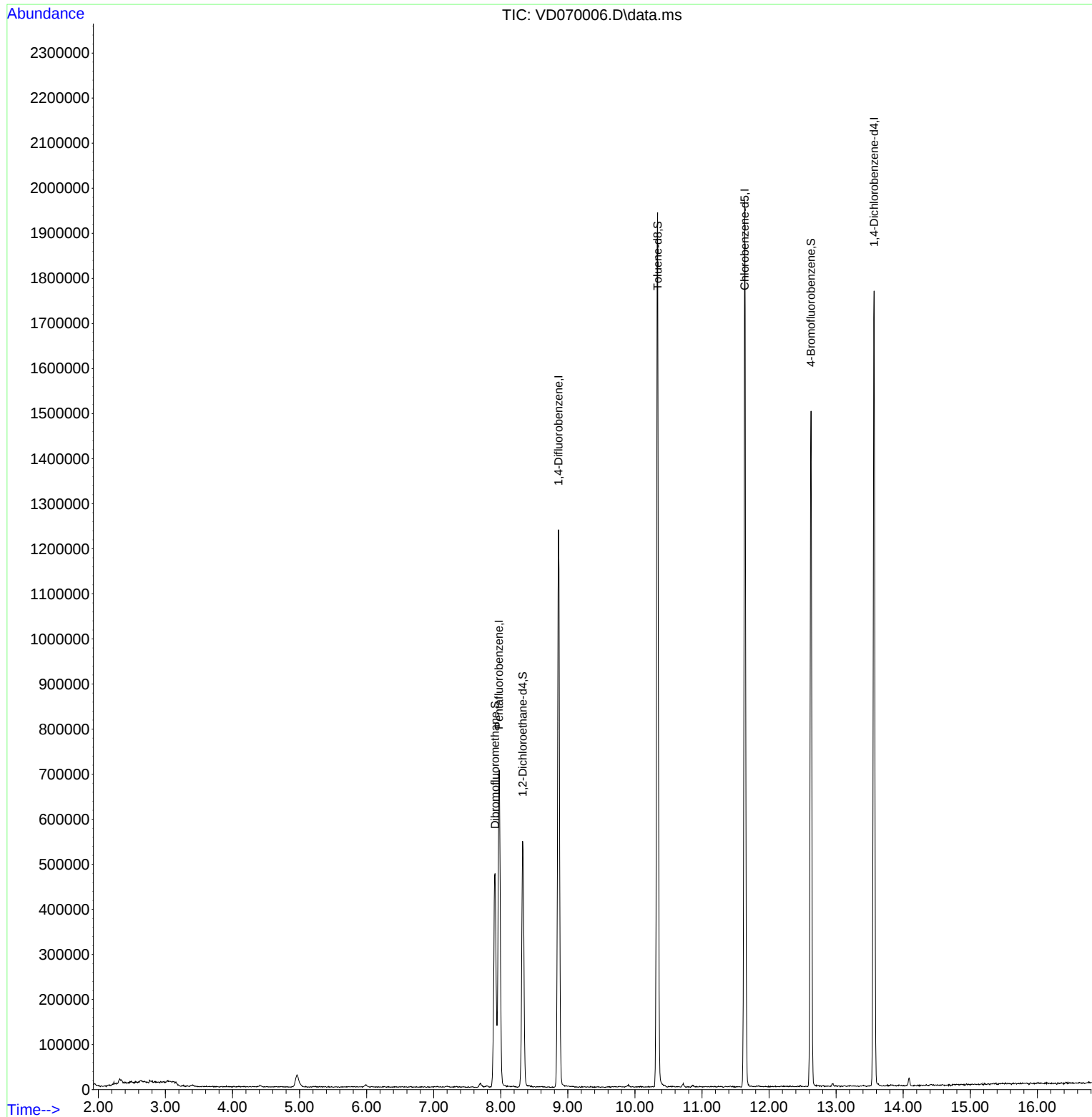
Target Compounds	Qvalue

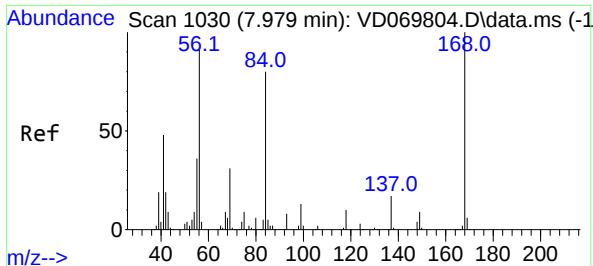
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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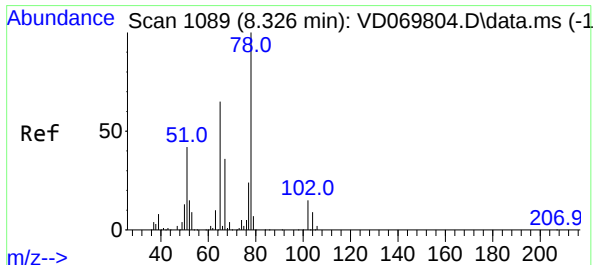
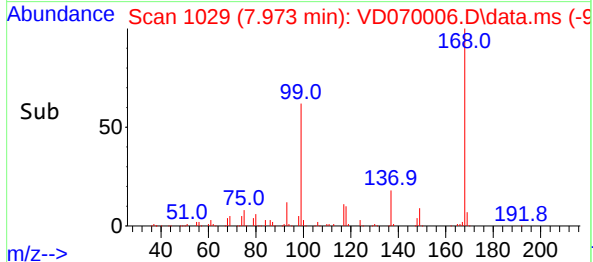
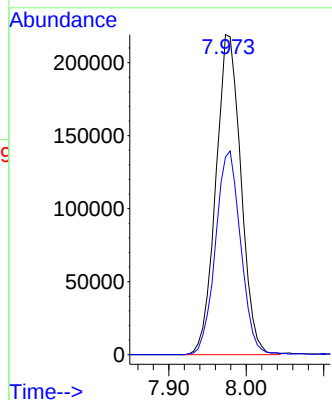
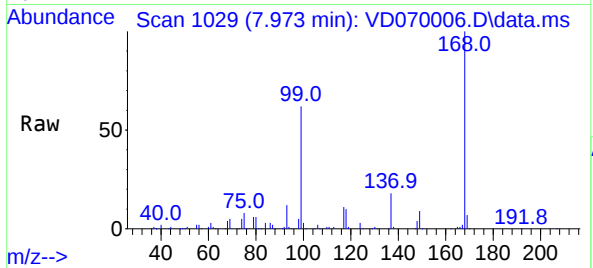




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070006.D
Acq: 09 Aug 2021 19:49

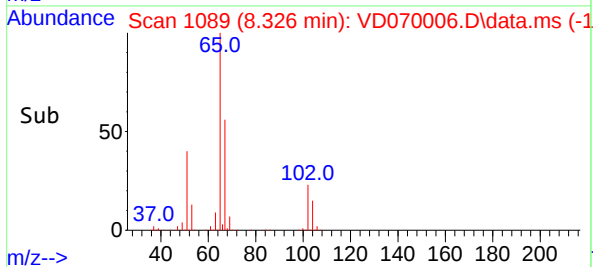
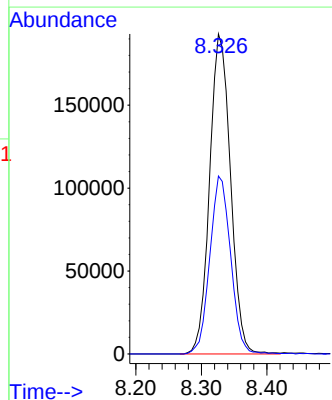
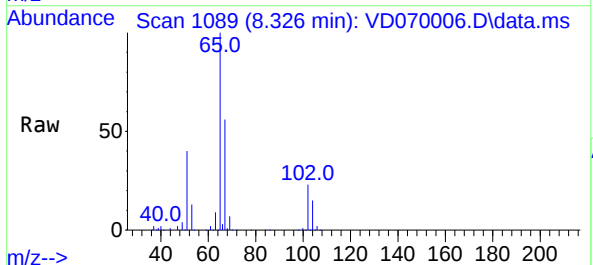
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-026-ABCD

Tgt Ion:168 Resp: 493824
Ion Ratio Lower Upper
168 100
99 61.8 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 75.238 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070006.D
Acq: 09 Aug 2021 19:49

Tgt Ion: 65 Resp: 427310
Ion Ratio Lower Upper
65 100
67 55.4 0.0 111.2



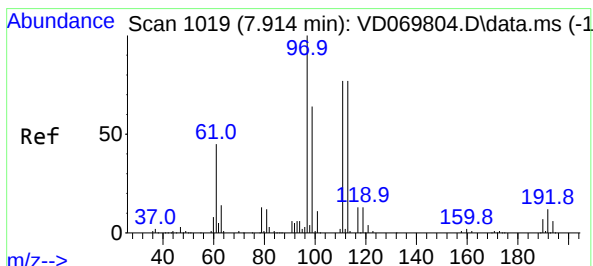
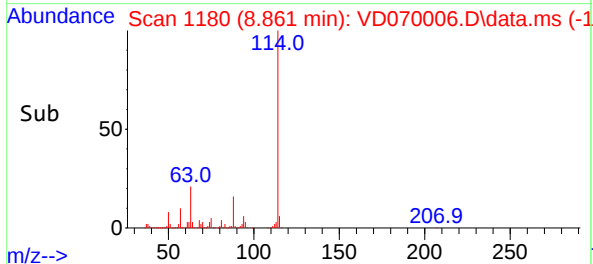
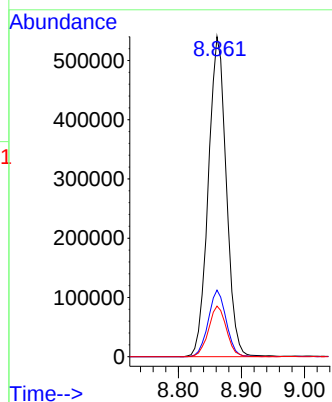
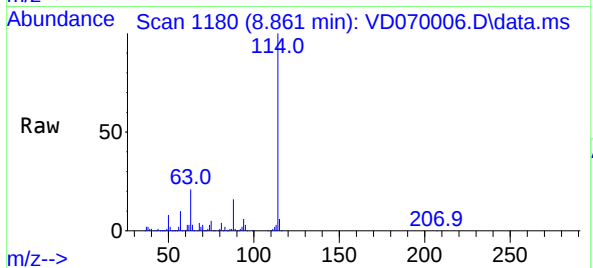


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070006.D
Acq: 09 Aug 2021 19:49

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-026-ABCD

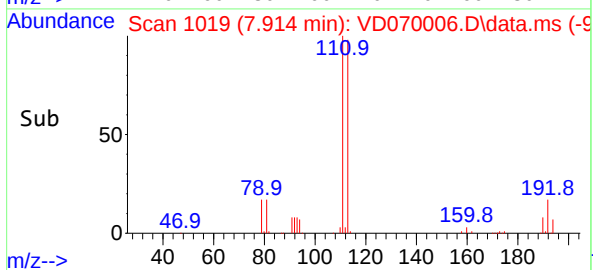
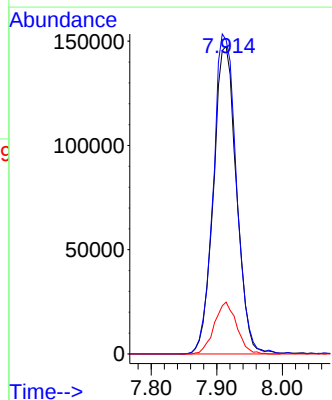
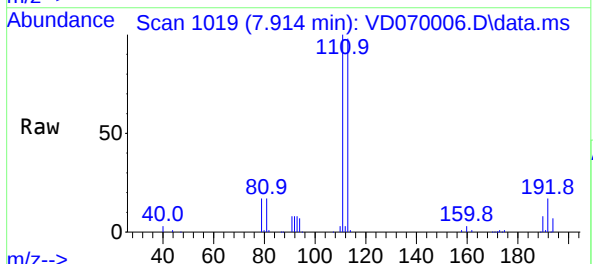
Tgt Ion:114 Resp: 1067868
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.6
88 15.8 0.0 31.4



#35

Dibromofluoromethane
Concen: 53.406 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070006.D
Acq: 09 Aug 2021 19:49

Tgt Ion:113 Resp: 359522
Ion Ratio Lower Upper
113 100
111 104.3 80.5 120.7
192 16.3 12.6 19.0

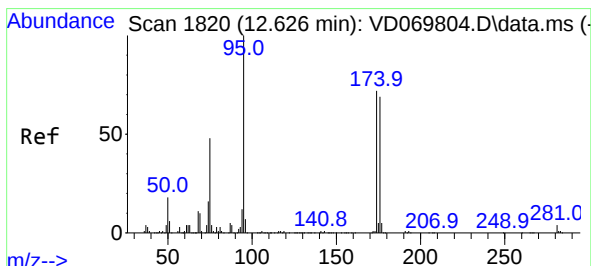
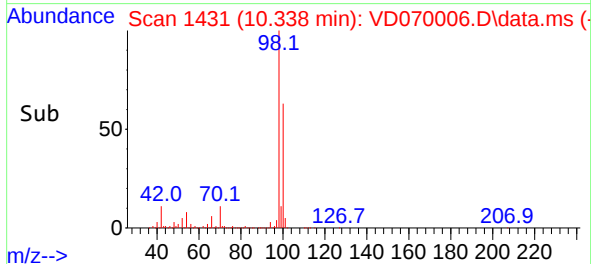
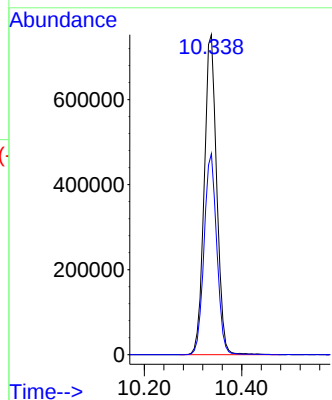
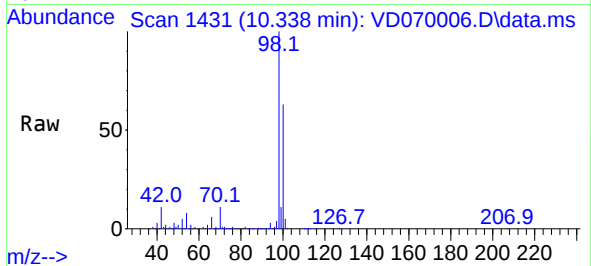




#50
Toluene-d8
Concen: 51.494 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070006.D
Acq: 09 Aug 2021 19:49

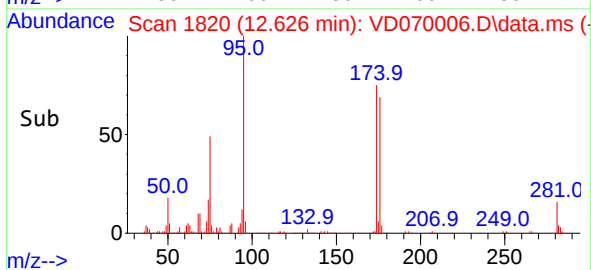
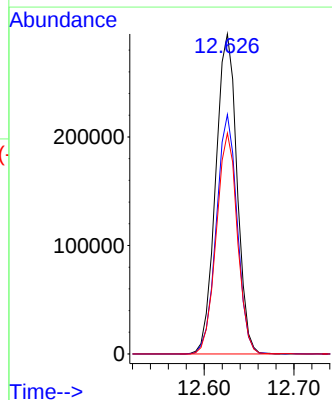
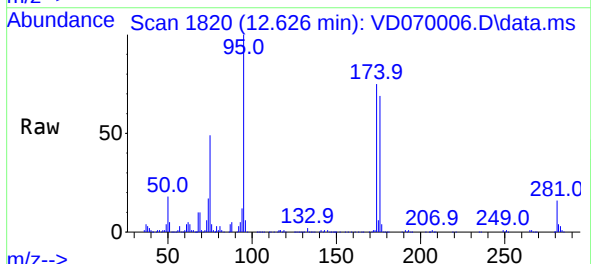
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-026-ABCD

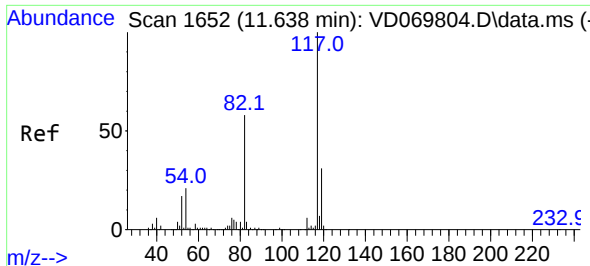
Tgt Ion: 98 Resp: 1336670
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 56.024 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070006.D
Acq: 09 Aug 2021 19:49

Tgt Ion: 95 Resp: 486015
Ion Ratio Lower Upper
95 100
174 73.1 0.0 142.6
176 68.1 0.0 134.2

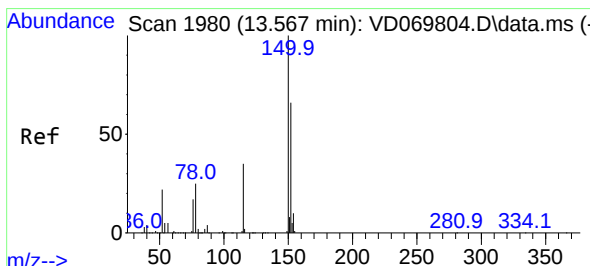
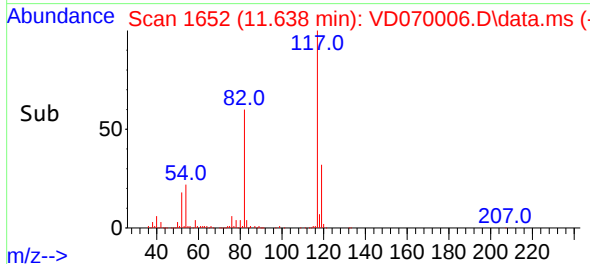
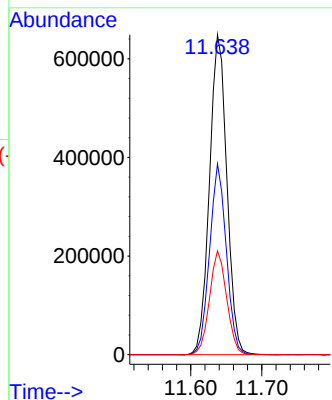
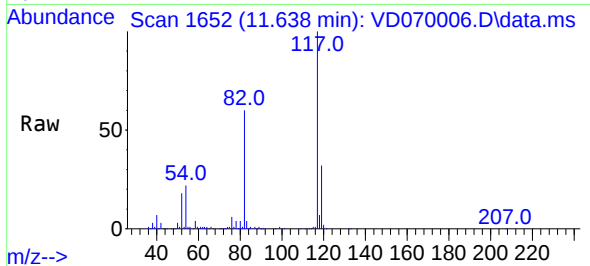




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070006.D
Acq: 09 Aug 2021 19:49

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-026-ABCD

Tgt Ion:117 Resp: 1103130
Ion Ratio Lower Upper
117 100
82 59.7 46.3 69.5
119 32.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070006.D
Acq: 09 Aug 2021 19:49

Tgt Ion:152 Resp: 470472
Ion Ratio Lower Upper
152 100
115 61.6 31.1 93.3
150 156.0 0.0 343.0

