

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110821\
 Data File : VD070939.D
 Acq On : 08 Nov 2021 16:59
 Operator : VA/SY
 Sample : M4519-03
 Misc : 5.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Quant Time: Nov 09 02:34:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 08 13:56:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	82132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	156583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	157252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	76504	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	60732	60.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.420%
35) Dibromofluoromethane	7.914	113	50168	51.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.280%
50) Toluene-d8	10.332	98	198682	52.105	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.200%
62) 4-Bromofluorobenzene	12.620	95	77677	53.962	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.920%

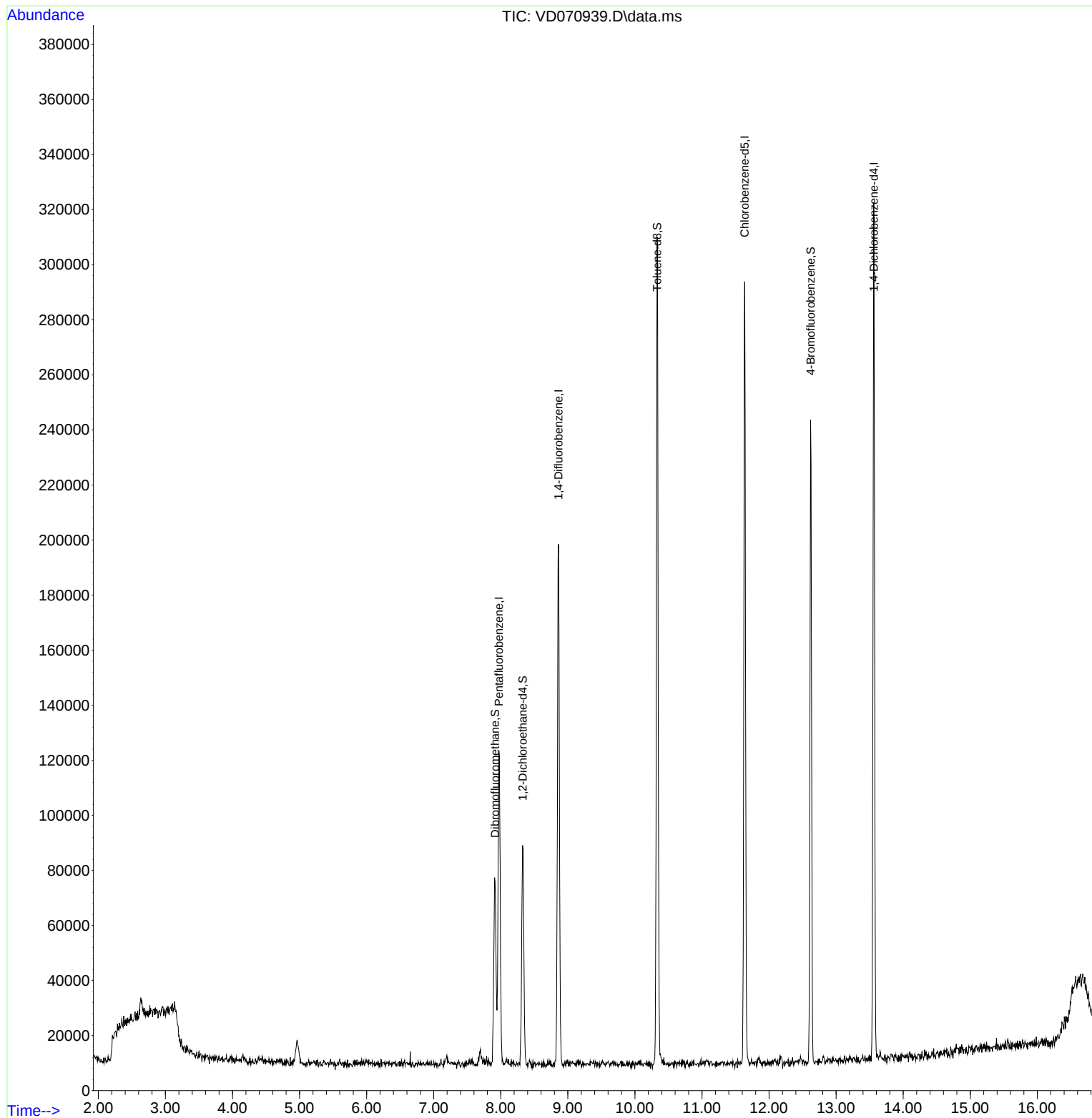
Target Compounds	Qvalue

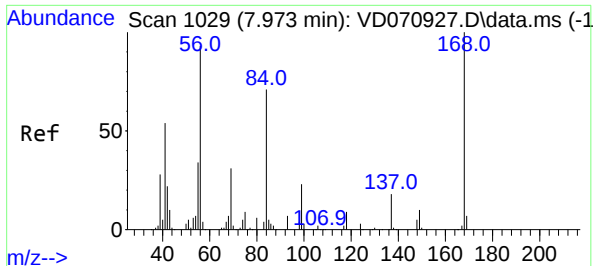
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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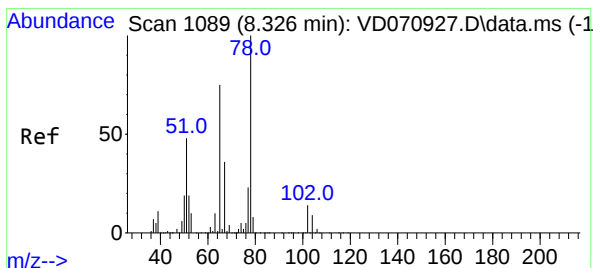
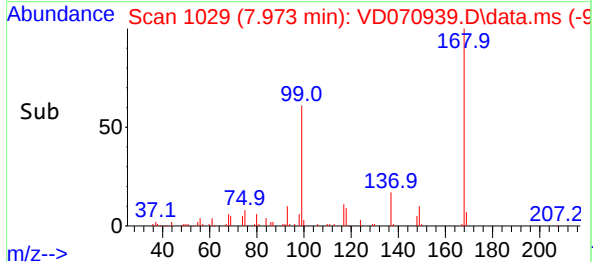
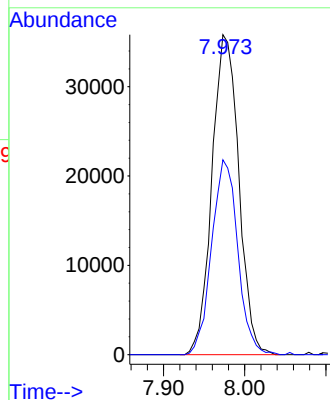
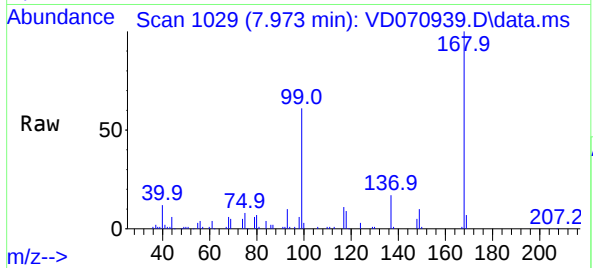




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070939.D
Acq: 08 Nov 2021 16:59

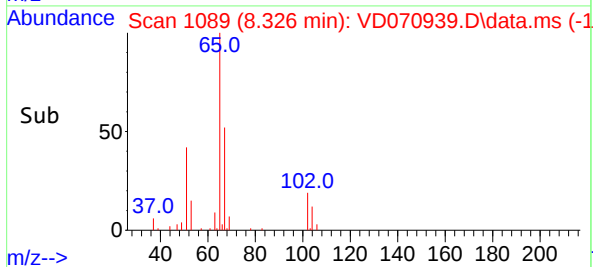
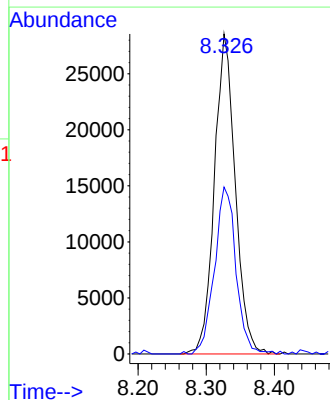
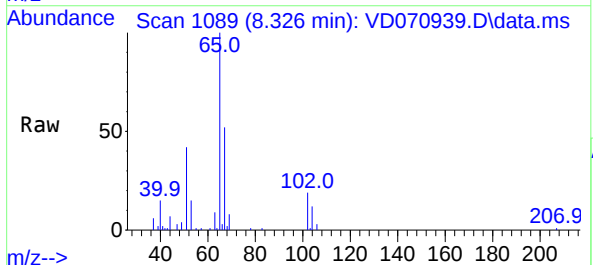
Instrument :
MSVOA_D
ClientSampleId :
SB-3

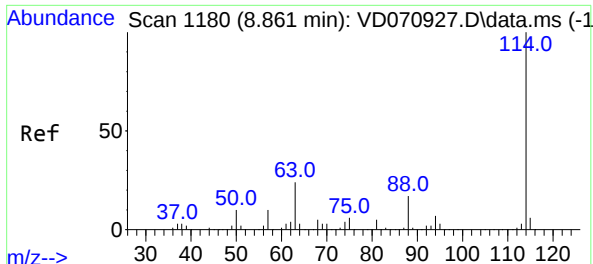
Tgt Ion:168 Resp: 82132
Ion Ratio Lower Upper
168 100
99 60.9 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 60.206 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070939.D
Acq: 08 Nov 2021 16:59

Tgt Ion: 65 Resp: 60732
Ion Ratio Lower Upper
65 100
67 53.8 0.0 112.2

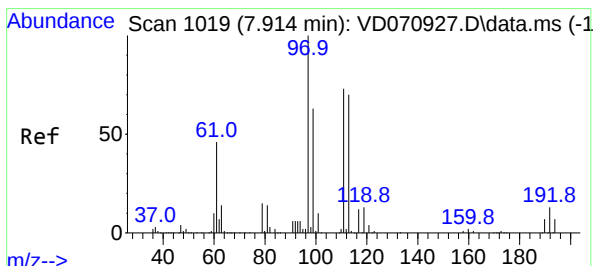
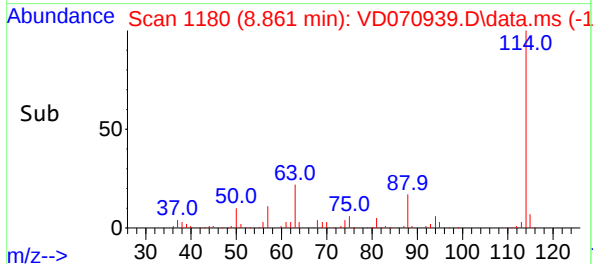
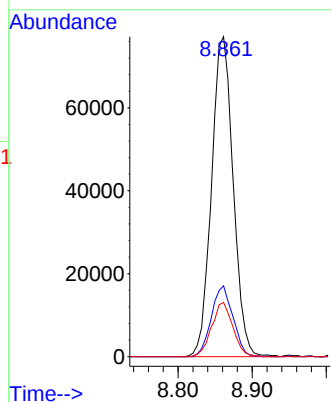
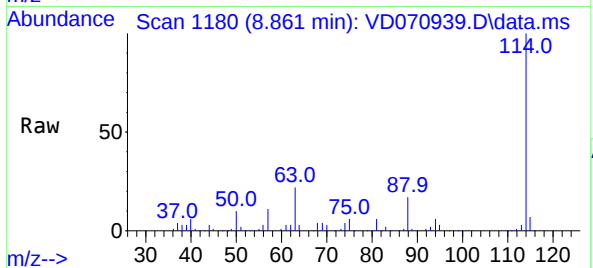




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070939.D
Acq: 08 Nov 2021 16:59

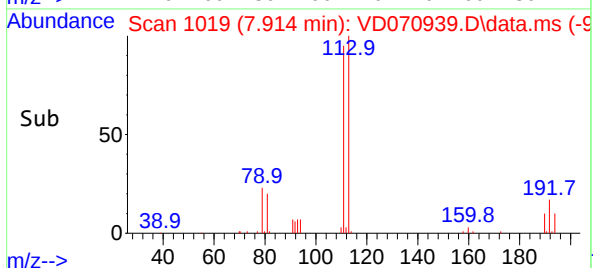
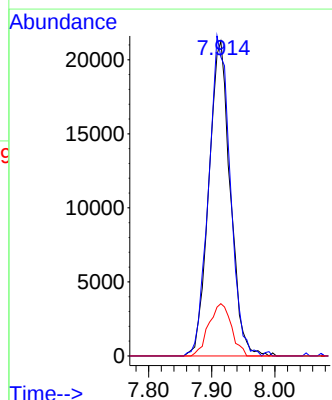
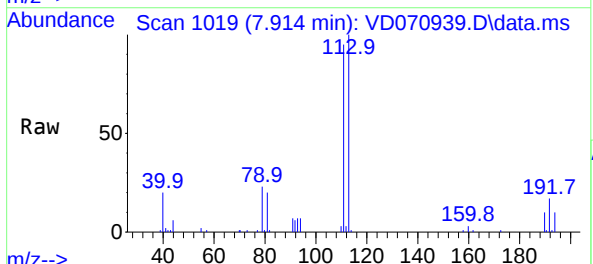
Instrument :
MSVOA_D
ClientSampleId :
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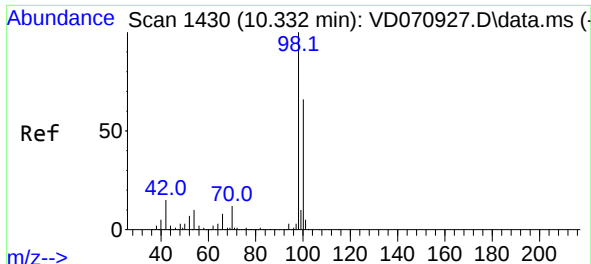
Tgt Ion:114 Resp: 156583
Ion Ratio Lower Upper
114 100
63 22.1 0.0 41.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.143 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070939.D
Acq: 08 Nov 2021 16:59

Tgt Ion:113 Resp: 50168
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 17.5 15.2 22.8

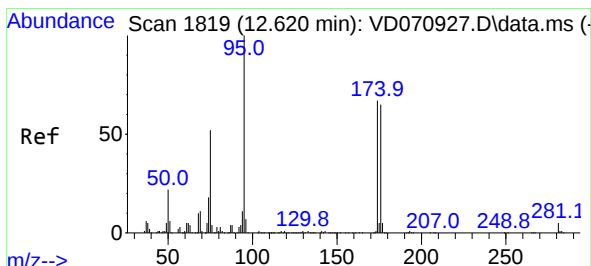
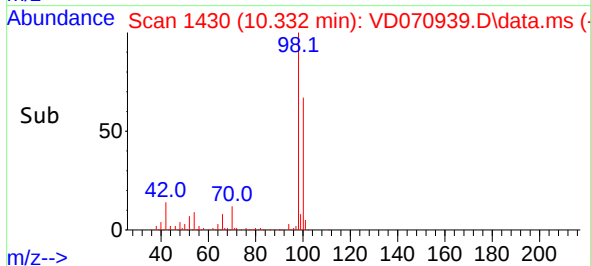
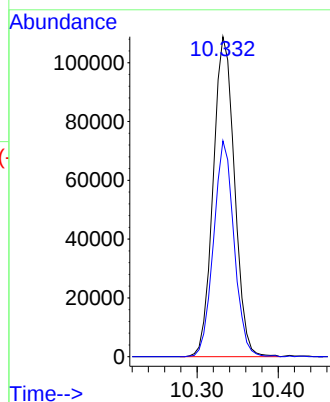
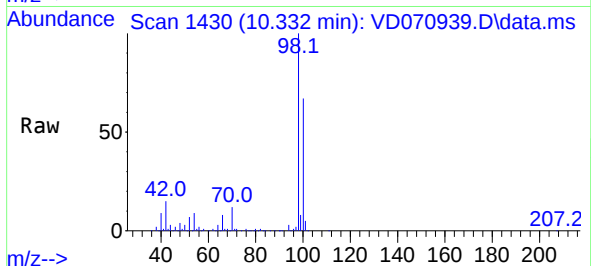




#50
Toluene-d8
Concen: 52.105 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070939.D
Acq: 08 Nov 2021 16:59

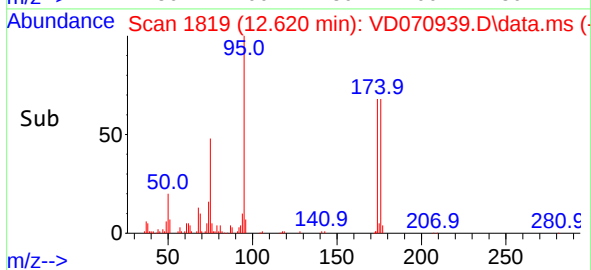
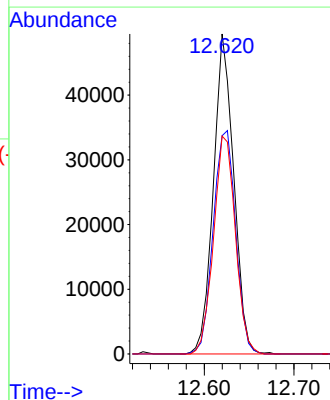
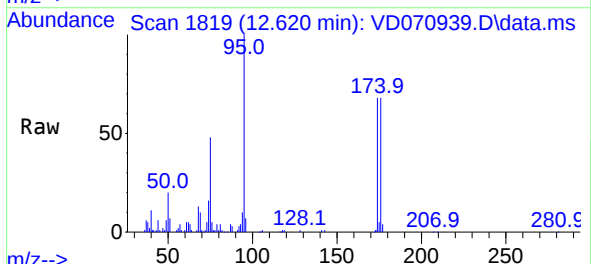
Instrument :
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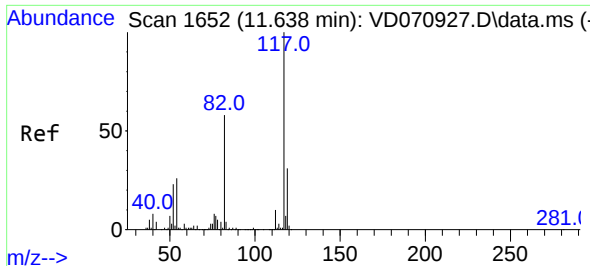
Tgt Ion: 98 Resp: 198682
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.962 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070939.D
Acq: 08 Nov 2021 16:59

Tgt Ion: 95 Resp: 77677
Ion Ratio Lower Upper
95 100
174 77.2 0.0 159.4
176 73.3 0.0 154.0

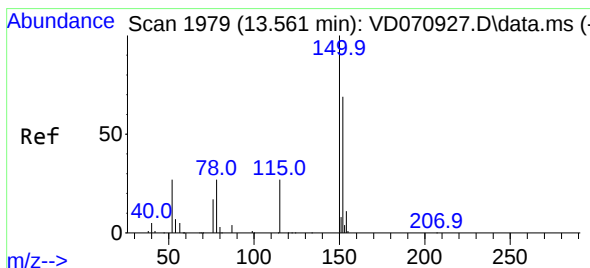
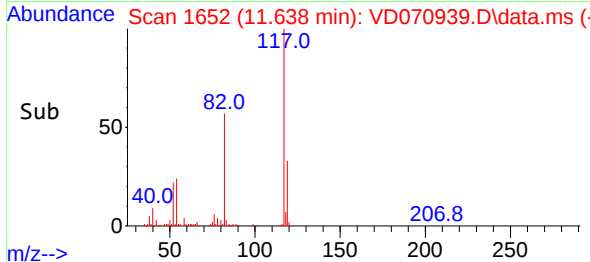
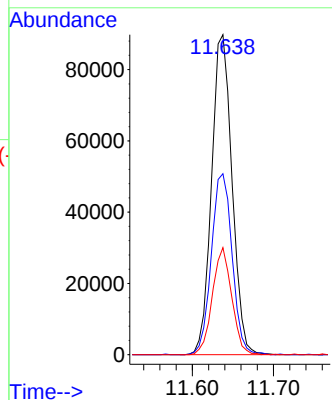
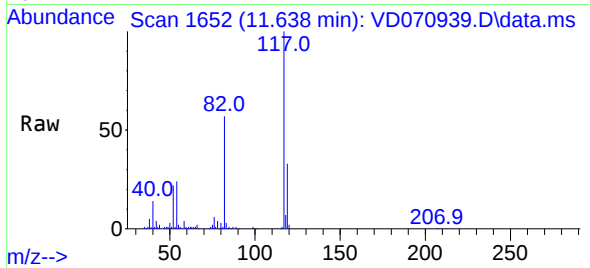




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD070939.D
Acq: 08 Nov 2021 16:59

Instrument :
MSVOA_D
ClientSampleId :
SB-3

Tgt Ion:117 Resp: 157252
Ion Ratio Lower Upper
117 100
82 56.6 44.7 67.1
119 33.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070939.D
Acq: 08 Nov 2021 16:59

Tgt Ion:152 Resp: 76504
Ion Ratio Lower Upper
152 100
115 60.1 29.8 89.3
150 155.9 0.0 349.2

