

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071958.D
 Acq On : 14 Feb 2022 15:46
 Operator : VA/SY
 Sample : N1521-09
 Misc : 6.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-B

Quant Time: Feb 15 00:36:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	394966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	767900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	732591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	318233	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	256135	51.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.620%
35) Dibromofluoromethane	7.914	113	247296	48.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.980%
50) Toluene-d8	10.338	98	992749	52.662	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.320%
62) 4-Bromofluorobenzene	12.626	95	319713	48.566	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.140%

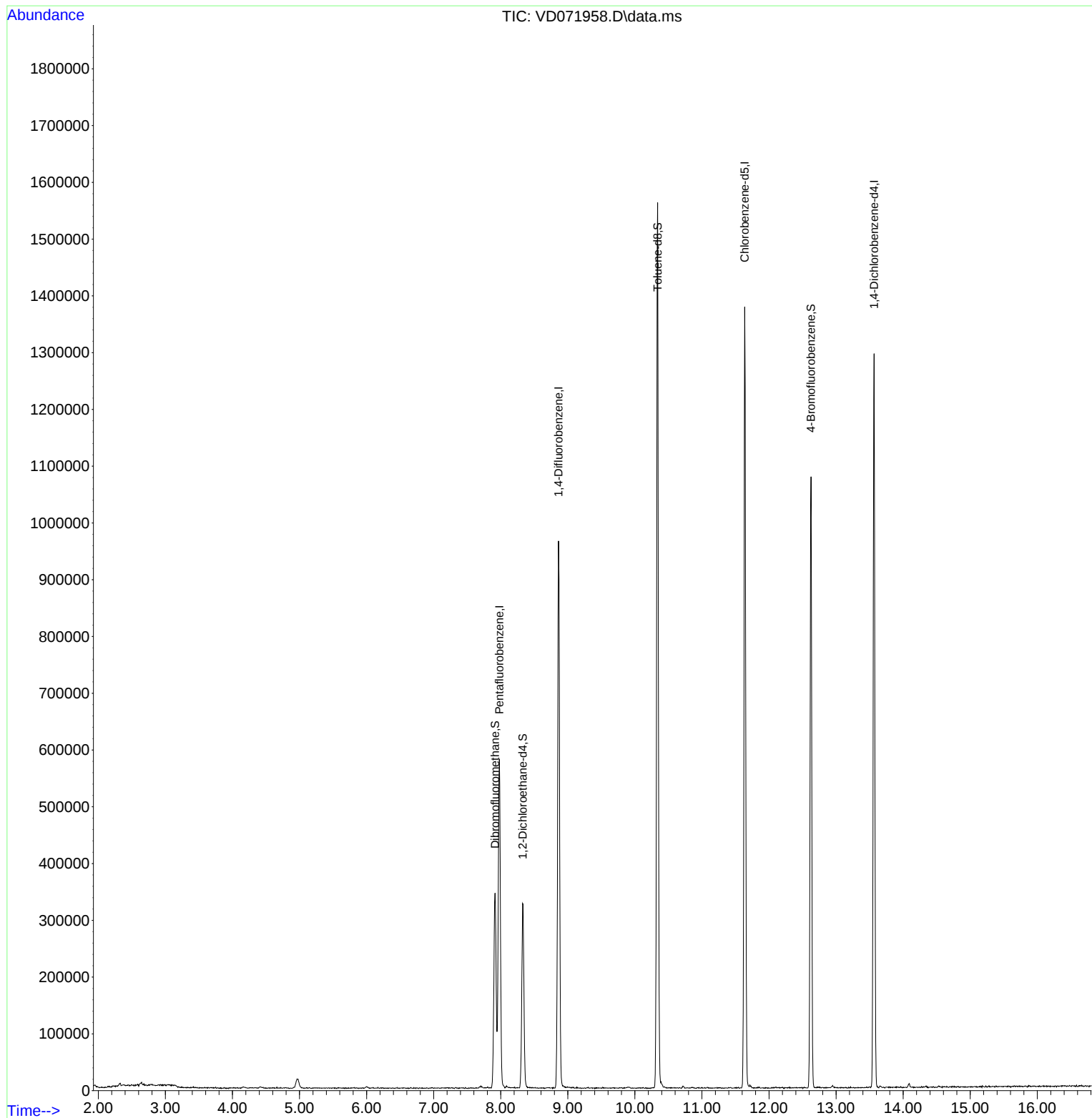
Target Compounds	Qvalue

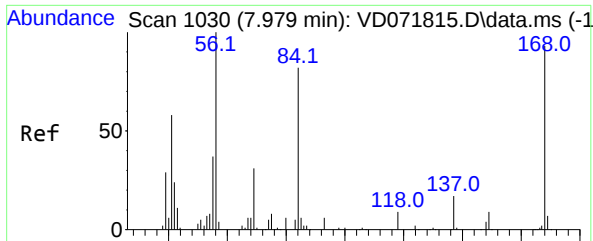
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD071958.D

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Instrument :

MSVOA_D

ClientSampleId :

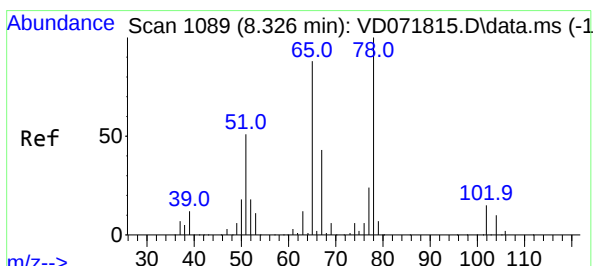
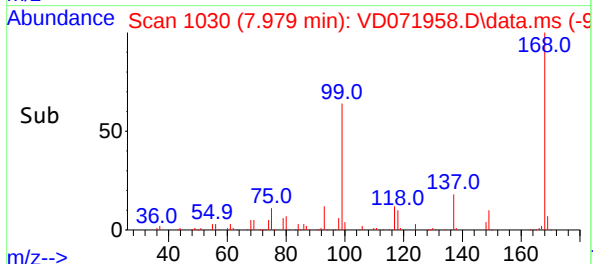
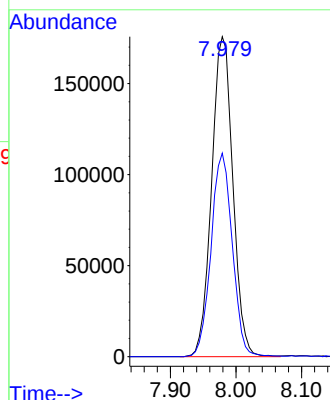
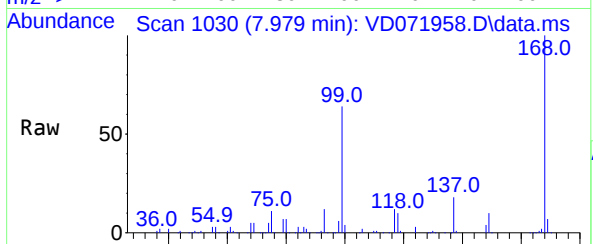
TP2-B

Tgt Ion:168 Resp: 394966

Ion Ratio Lower Upper

168 100

99 63.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 51.307 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071958.D

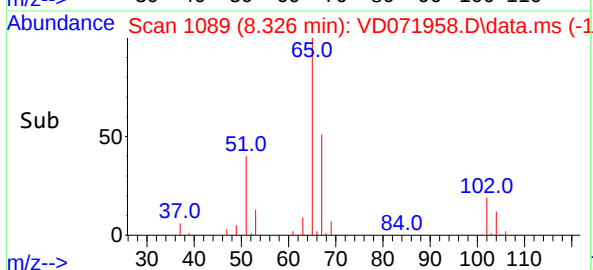
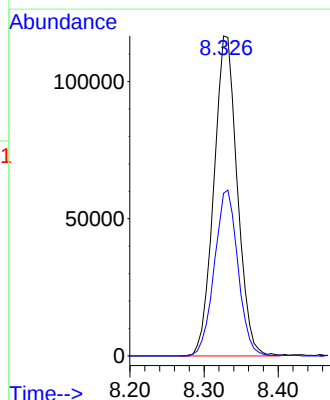
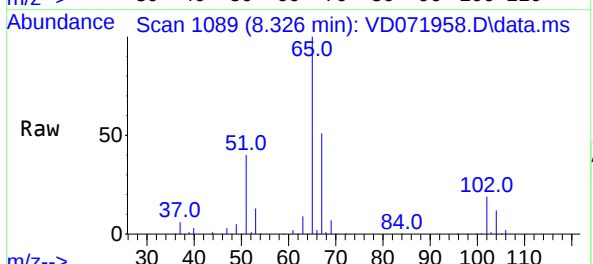
Acq: 14 Feb 2022 15:46

Tgt Ion: 65 Resp: 256135

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.4

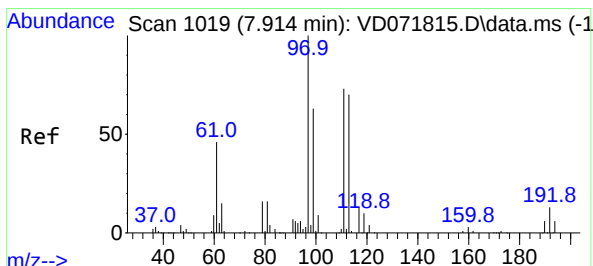
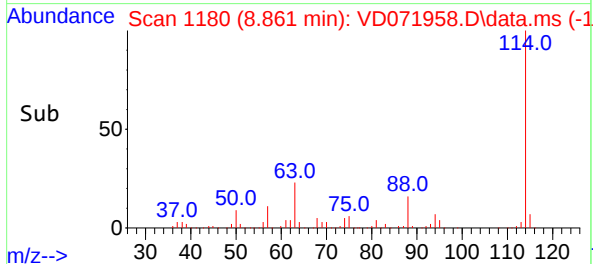
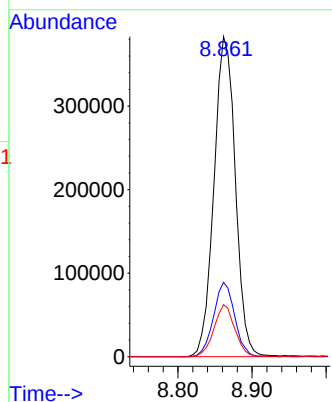
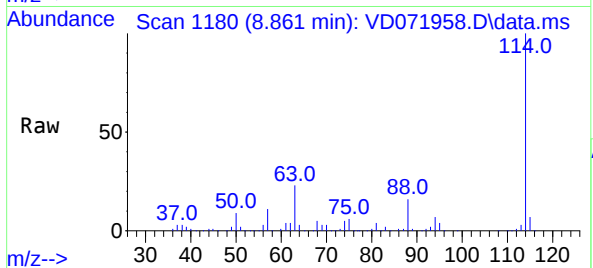




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071958.D
Acq: 14 Feb 2022 15:46

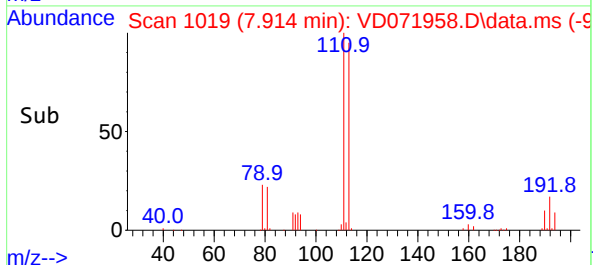
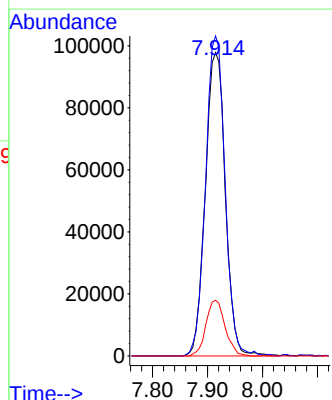
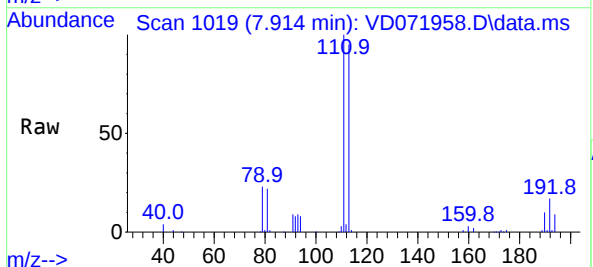
Instrument :
MSVOA_D
ClientSampleId :
TP2-B

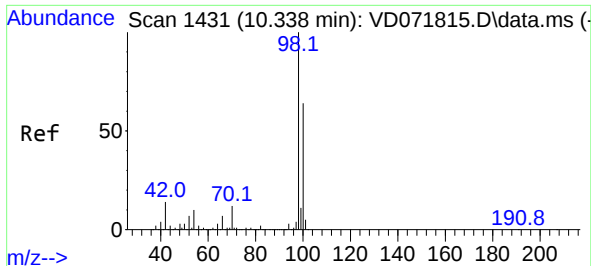
Tgt Ion:114 Resp: 767900
Ion Ratio Lower Upper
114 100
63 23.3 0.0 46.6
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.993 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071958.D
Acq: 14 Feb 2022 15:46

Tgt Ion:113 Resp: 247296
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.6 14.6 21.8

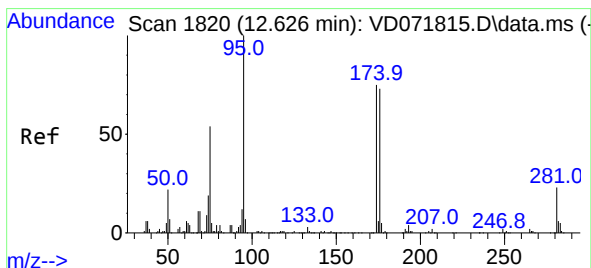
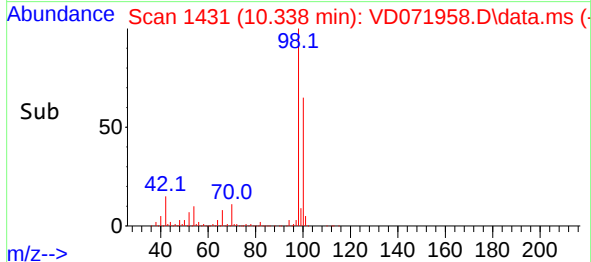
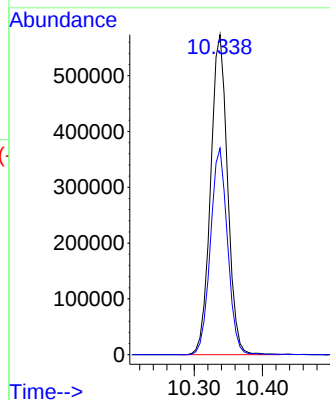
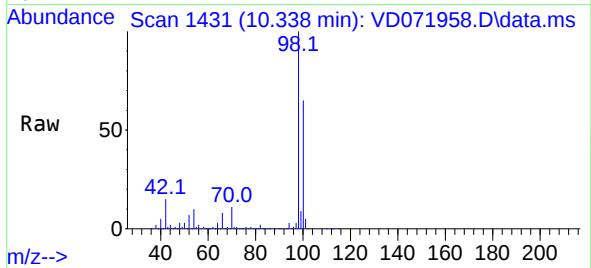




#50
Toluene-d8
Concen: 52.662 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071958.D
Acq: 14 Feb 2022 15:46

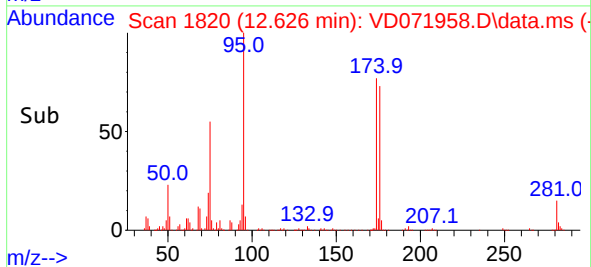
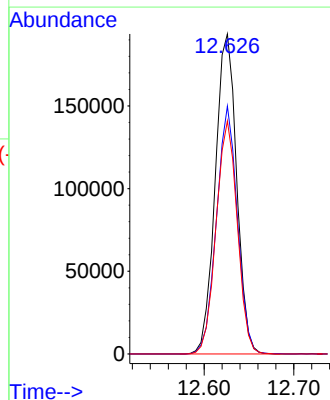
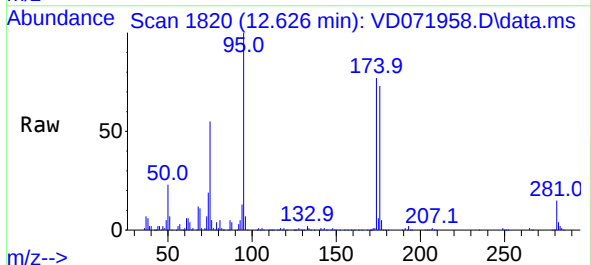
Instrument :
MSVOA_D
ClientSampleId :
TP2-B

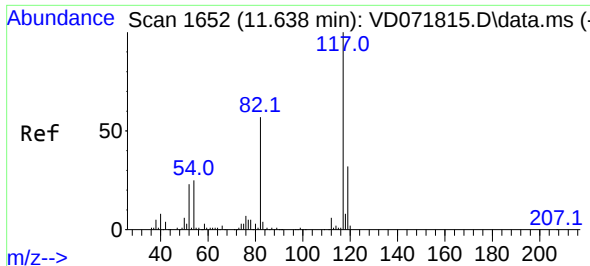
Tgt Ion: 98 Resp: 992749
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.566 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071958.D
Acq: 14 Feb 2022 15:46

Tgt Ion: 95 Resp: 319713
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 72.2 0.0 145.4

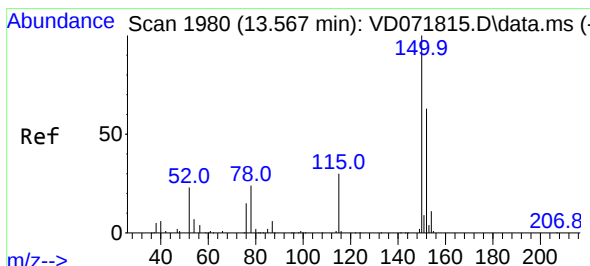
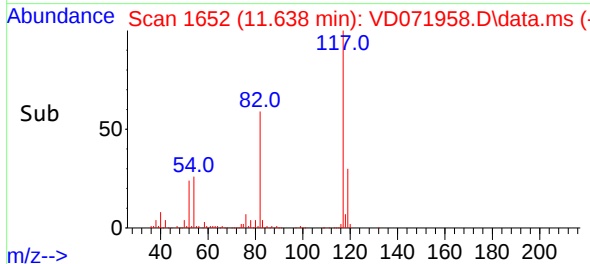
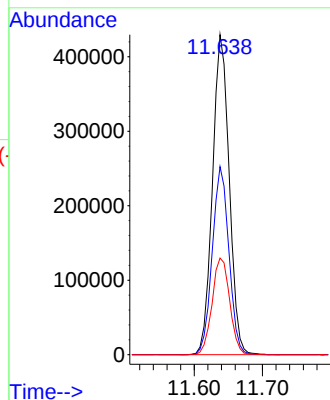
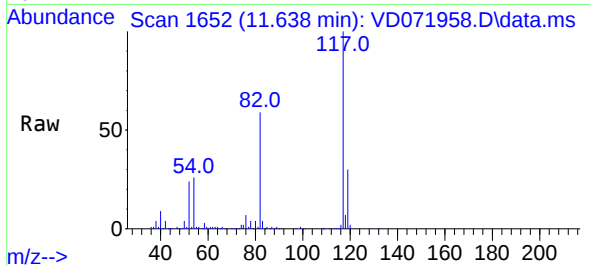




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD071958.D
Acq: 14 Feb 2022 15:46

Instrument :
MSVOA_D
ClientSampleId :
TP2-B

Tgt Ion:117 Resp: 732591
Ion Ratio Lower Upper
117 100
82 58.7 45.3 67.9
119 30.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071958.D
Acq: 14 Feb 2022 15:46

Tgt Ion:152 Resp: 318233
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 157.8 0.0 348.6

