

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071685.D
 Acq On : 12 Jan 2022 14:41
 Operator : VA/SY
 Sample : N1097-07
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2S

Quant Time: Jan 13 05:28:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	311754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	612705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	558829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	235033	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	230782	57.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.060%
35) Dibromofluoromethane	7.909	113	202714	50.063	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.120%
50) Toluene-d8	10.338	98	793403	52.344	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.680%
62) 4-Bromofluorobenzene	12.626	95	240722	45.070	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.140%

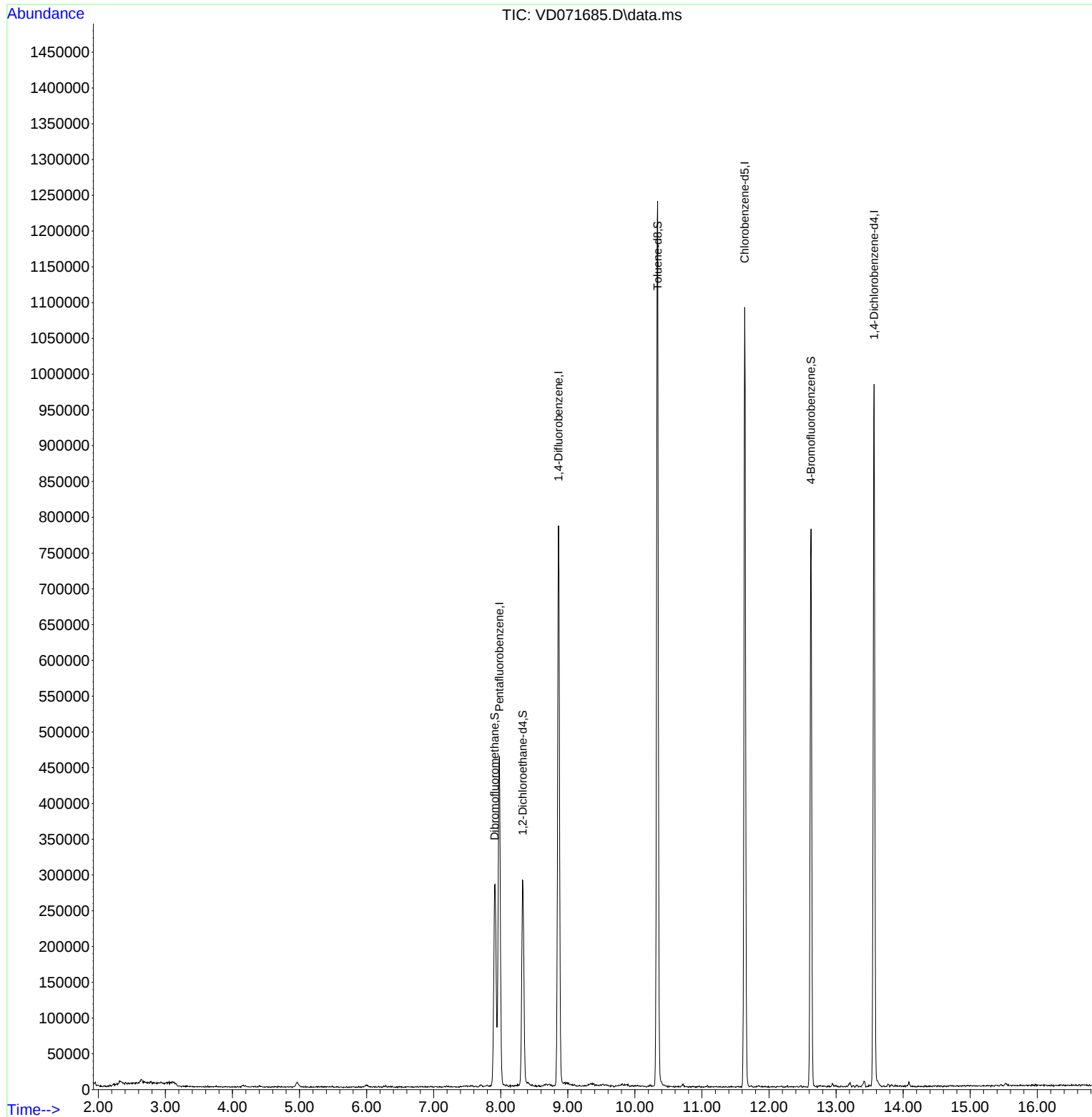
Target Compounds	Qvalue

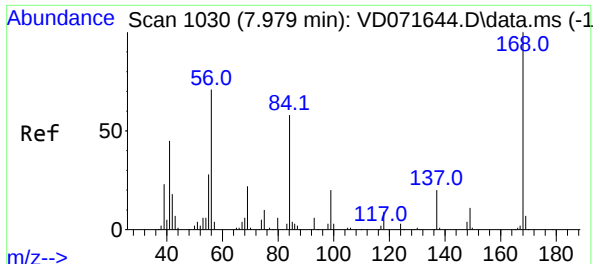
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD071685.D

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MSVOA_D

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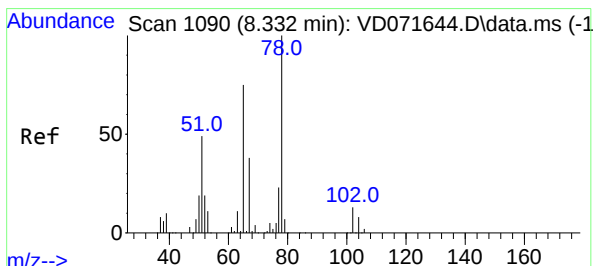
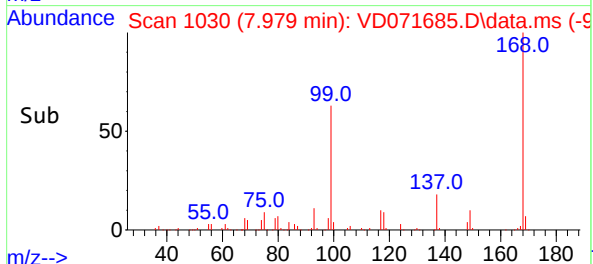
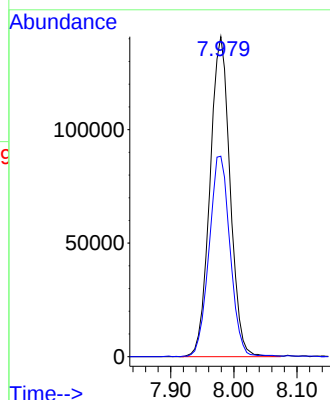
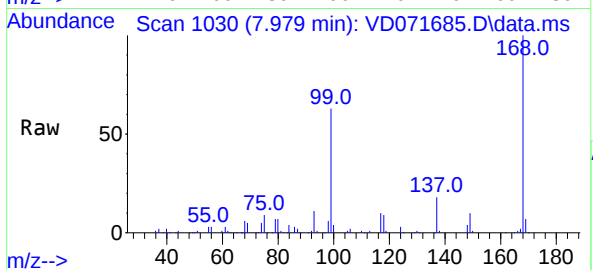
TP-2S

Tgt Ion:168 Resp: 311754

Ion Ratio Lower Upper

168 100

99 62.7 51.8 77.6



1,2-Dichloroethane-d4

Concen: 57.532 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD071685.D

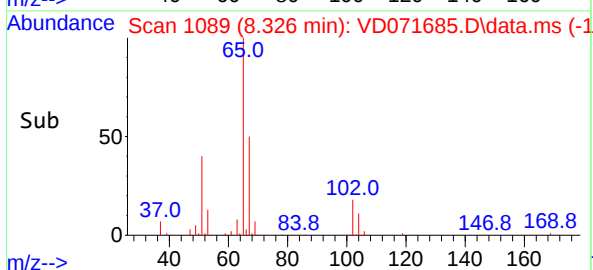
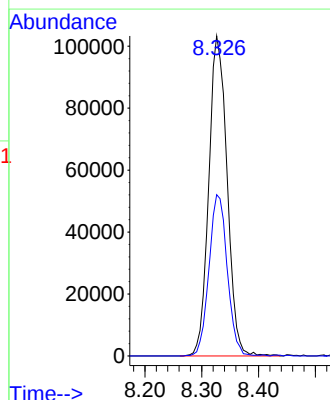
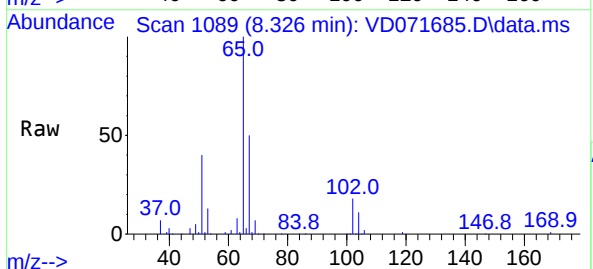
Acq: 12 Jan 2022 14:41

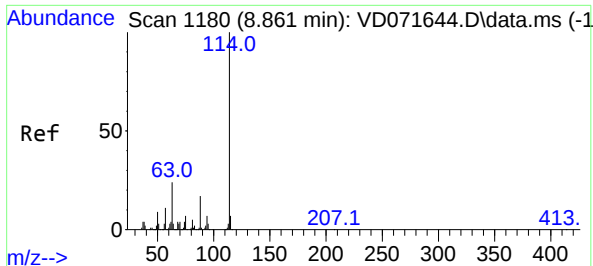
Tgt Ion: 65 Resp: 230782

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.2

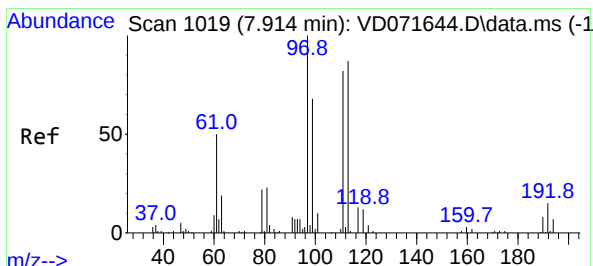
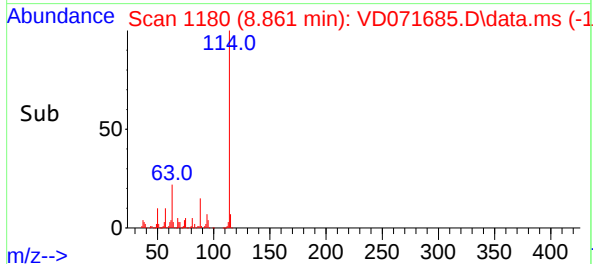
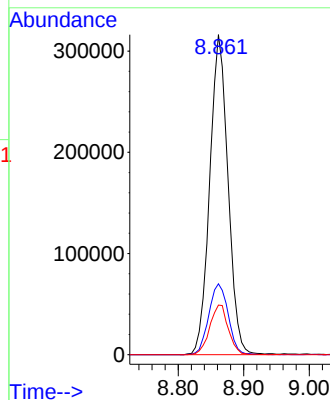
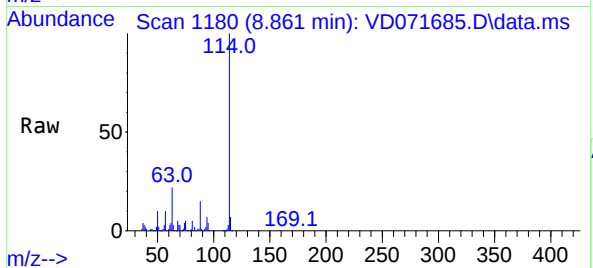




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

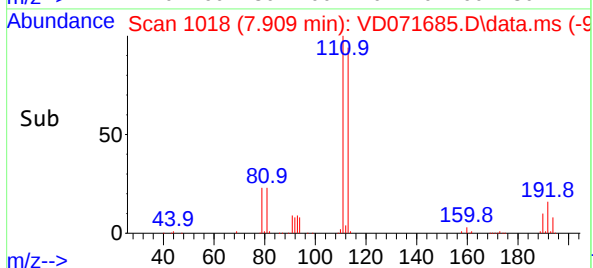
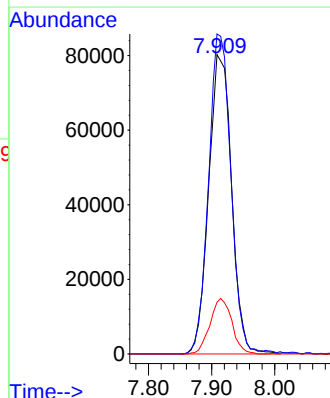
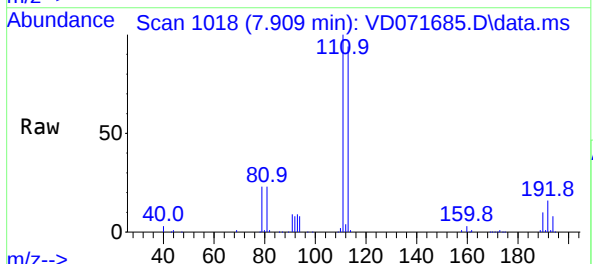
Instrument :
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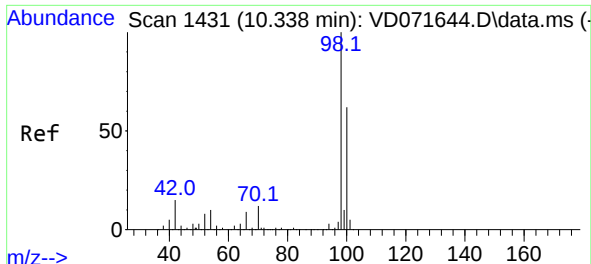
Tgt Ion:114 Resp: 612705
Ion Ratio Lower Upper
114 100
63 22.1 0.0 46.2
88 15.5 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.063 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

Tgt Ion:113 Resp: 202714
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 17.7 14.2 21.2

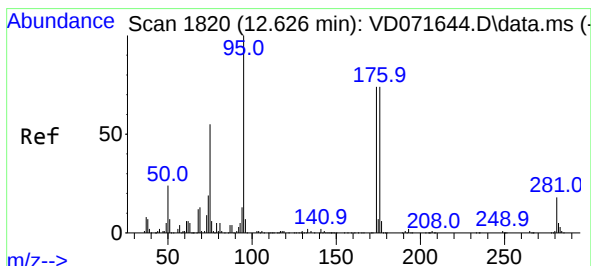
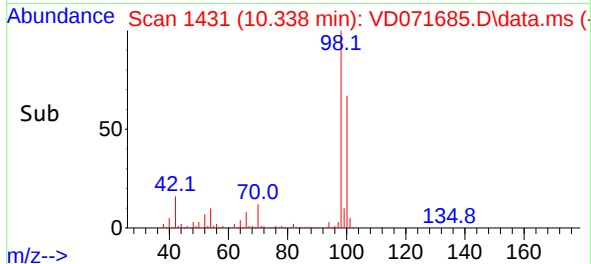
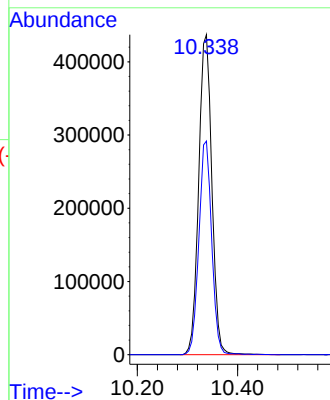
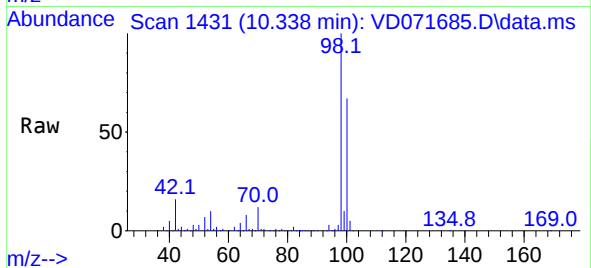




#50
Toluene-d8
Concen: 52.344 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

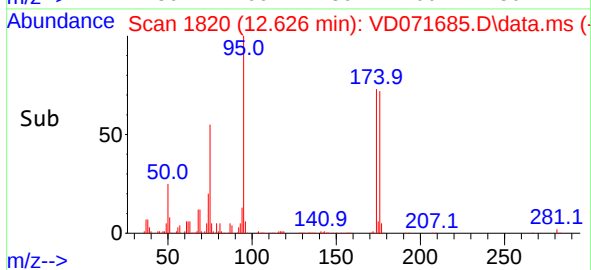
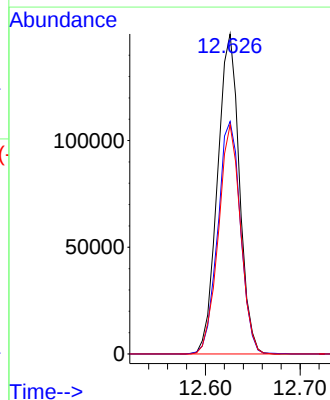
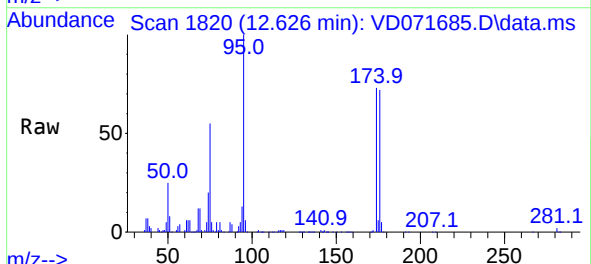
Instrument :
MSVOA_D
ClientSampleId :
TP-2S

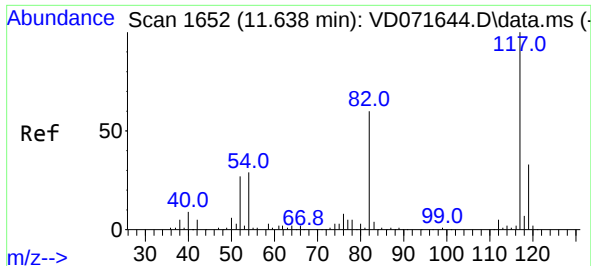
Tgt Ion: 98 Resp: 793403
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.070 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

Tgt Ion: 95 Resp: 240722
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.0
176 72.2 0.0 146.4

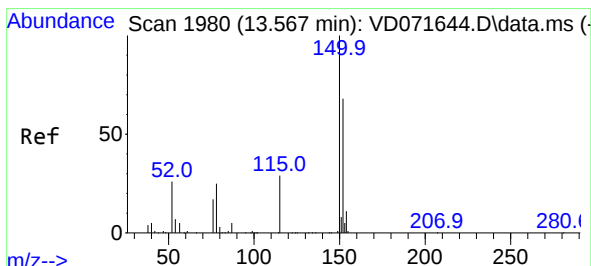
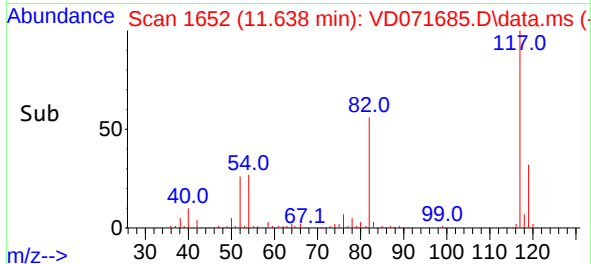
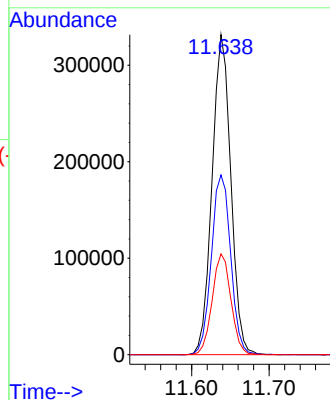
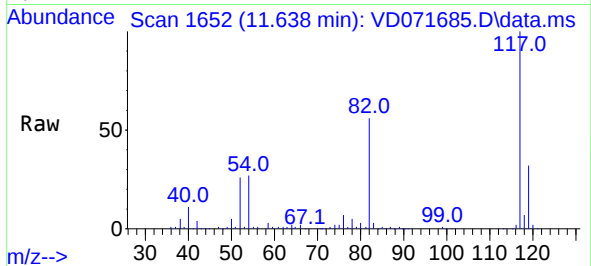




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

Instrument :
MSVOA_D
ClientSampleId :
TP-2S

Tgt Ion:117 Resp: 558829
Ion Ratio Lower Upper
117 100
82 56.2 46.9 70.3
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071685.D
Acq: 12 Jan 2022 14:41

Tgt Ion:152 Resp: 235033
Ion Ratio Lower Upper
152 100
115 61.9 31.5 94.5
150 160.1 0.0 348.0

