

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
 Data File : VD074353.D
 Acq On : 19 Sep 2022 18:29
 Operator : VA/SY
 Sample : N4656-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Quant Time: Sep 19 23:02:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	2658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	4874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	5415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	2836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	2259	87.256	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	174.520%#
35) Dibromofluoromethane	7.804	113	1383	43.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.160%
50) Toluene-d8	10.269	98	5287	47.733	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.460%
62) 4-Bromofluorobenzene	12.569	95	1928	51.538	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.080%

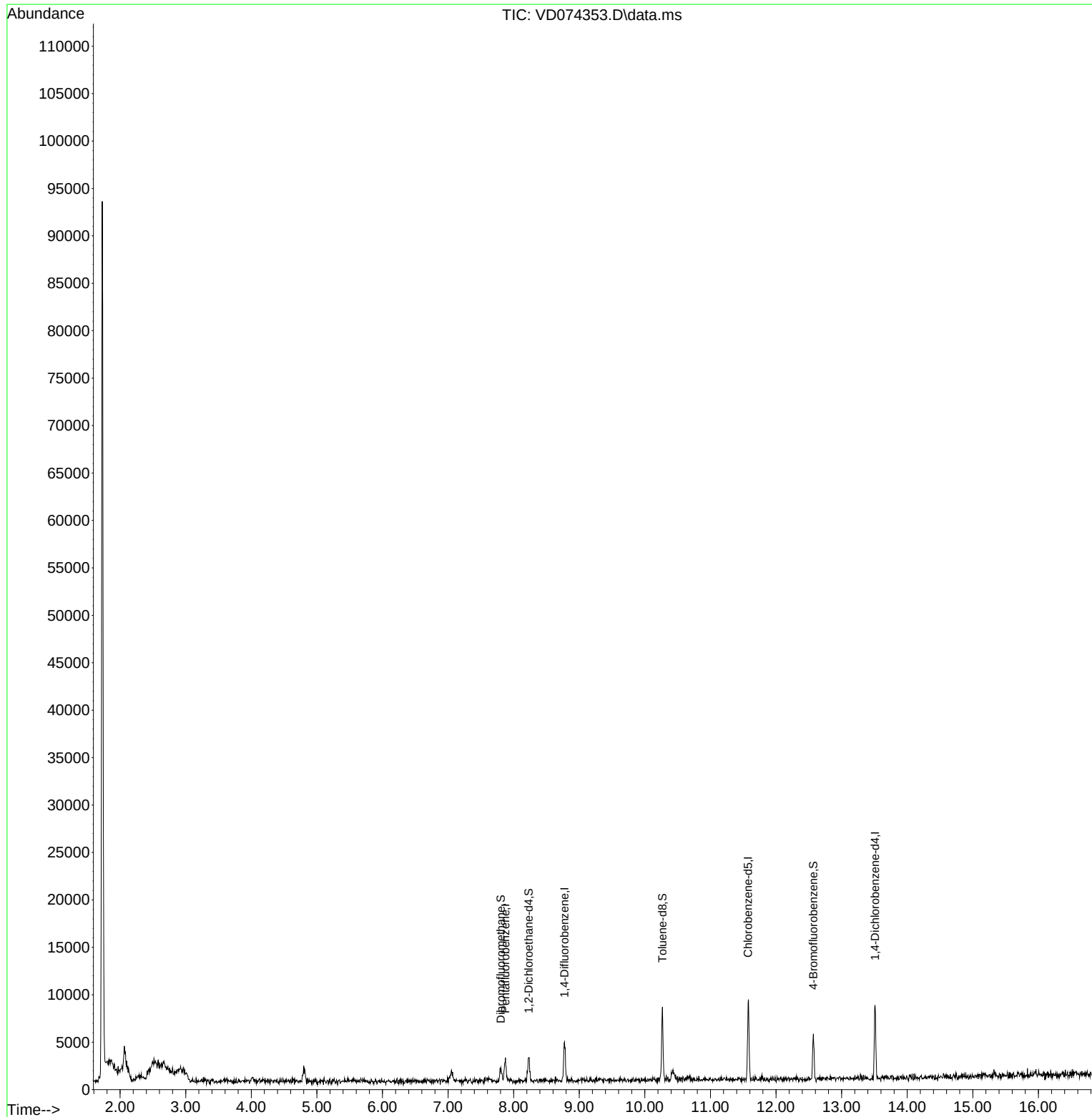
Target Compounds	Qvalue

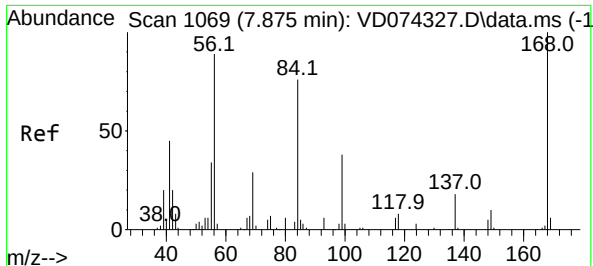
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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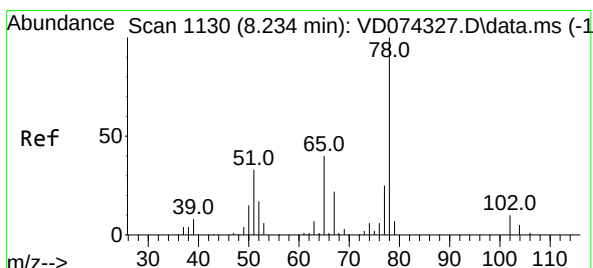
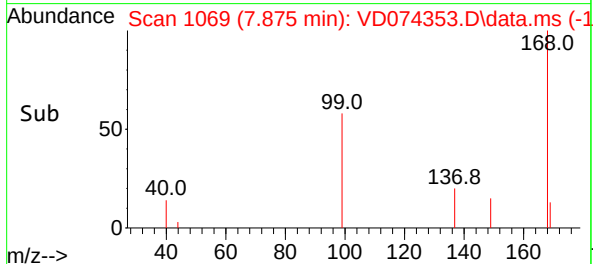
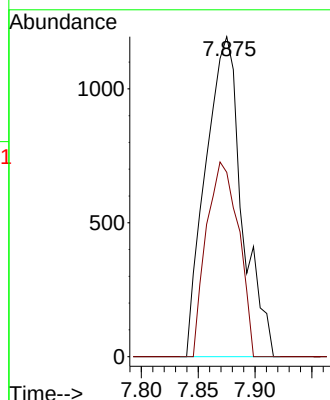
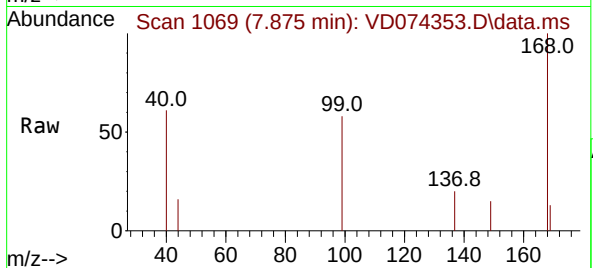




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD074353.D
Acq: 19 Sep 2022 18:29

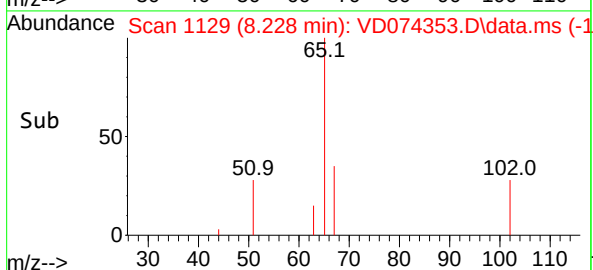
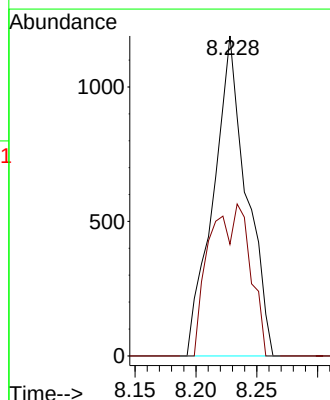
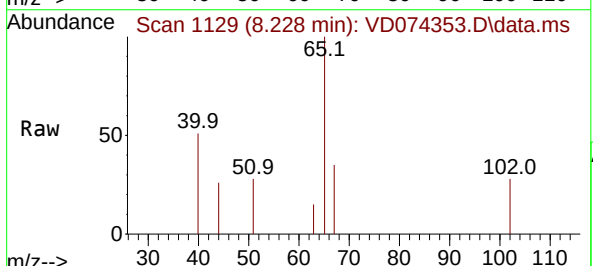
Instrument :
MSVOA_D
ClientSampleId :
SP-1

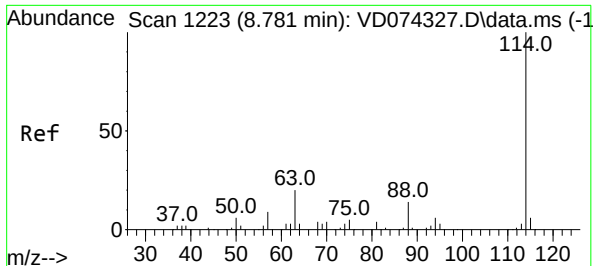
Tgt Ion:168 Resp: 2658
Ion Ratio Lower Upper
168 100
99 57.6 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 87.256 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074353.D
Acq: 19 Sep 2022 18:29

Tgt Ion: 65 Resp: 2259
Ion Ratio Lower Upper
65 100
67 33.4 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD074353.D

Acq: 19 Sep 2022 18:29

Instrument :

MSVOA_D

ClientSampleId :

SP-1

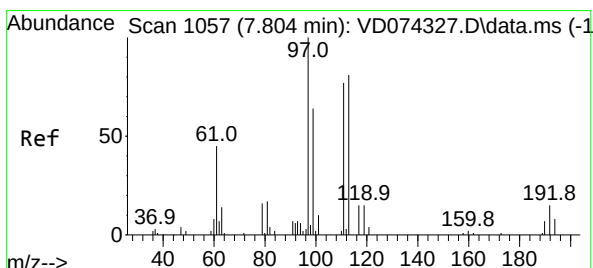
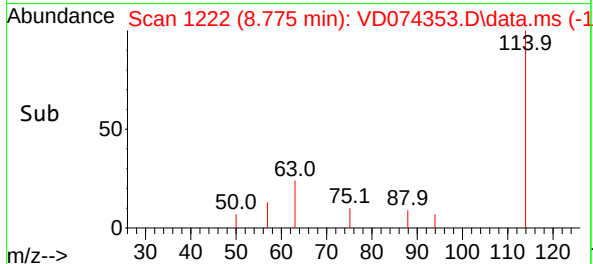
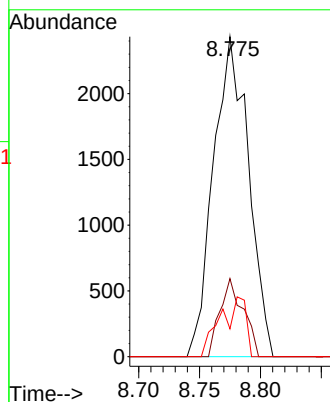
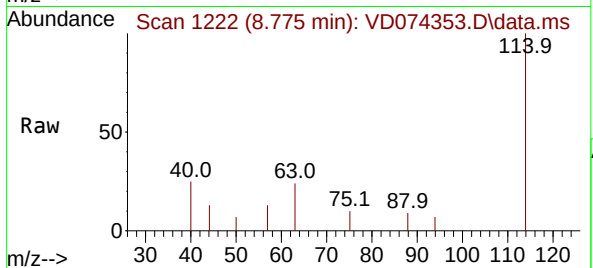
Tgt Ion:114 Resp: 4874

Ion Ratio Lower Upper

114 100

63 24.4 0.0 37.6

88 8.7 0.0 28.4



#35

Dibromofluoromethane

Concen: 43.083 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074353.D

Acq: 19 Sep 2022 18:29

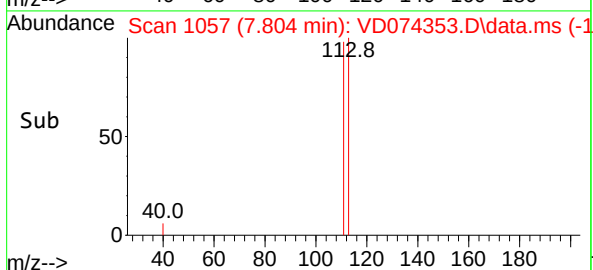
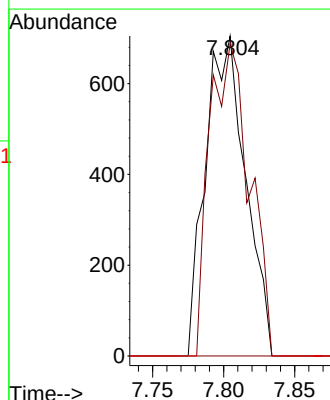
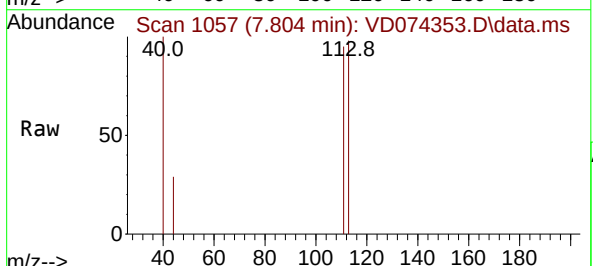
Tgt Ion:113 Resp: 1383

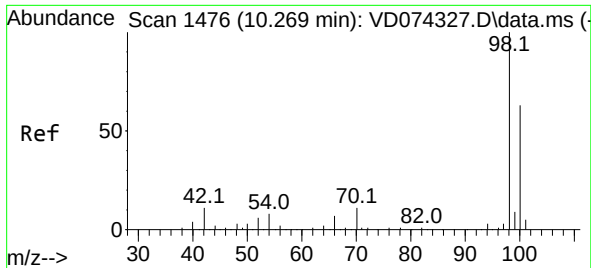
Ion Ratio Lower Upper

113 100

111 98.3 83.0 124.6

192 0.0 16.2 24.2#

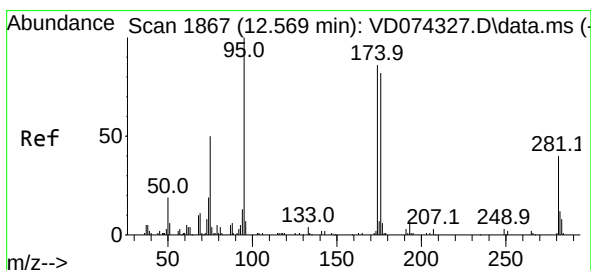
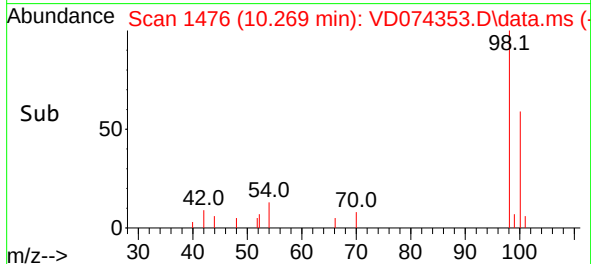
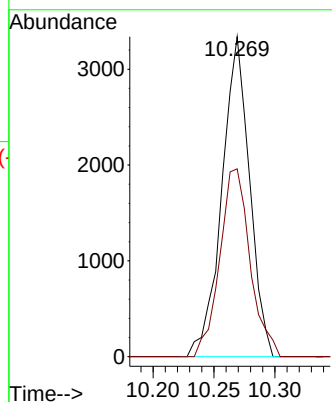
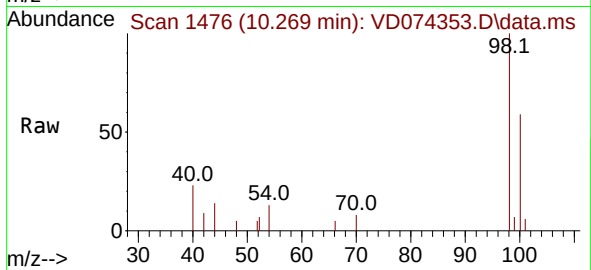




#50
Toluene-d8
Concen: 47.733 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074353.D
Acq: 19 Sep 2022 18:29

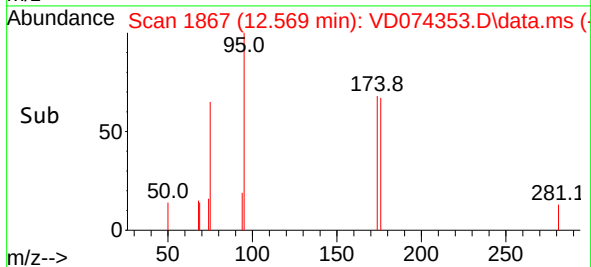
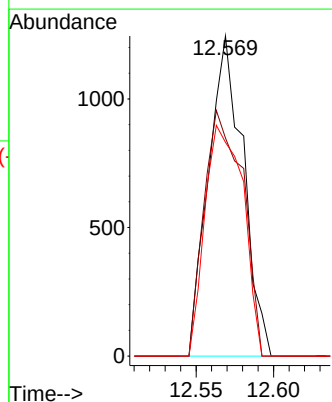
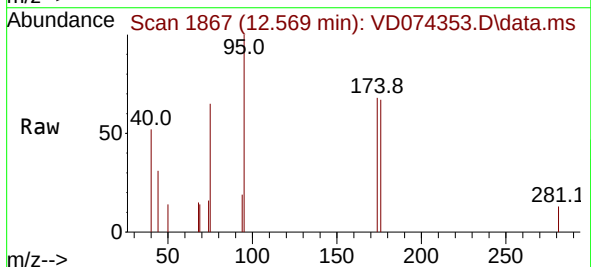
Instrument :
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SP-1

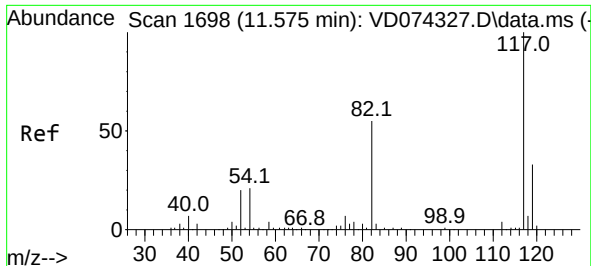
Tgt Ion: 98 Resp: 5287
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 51.538 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074353.D
Acq: 19 Sep 2022 18:29

Tgt Ion: 95 Resp: 1928
Ion Ratio Lower Upper
95 100
174 85.8 0.0 179.2
176 79.7 0.0 171.4

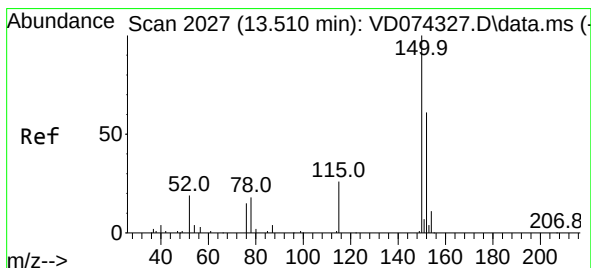
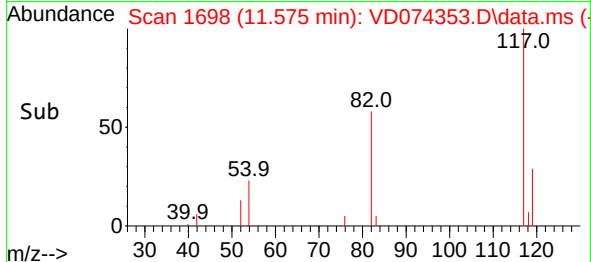
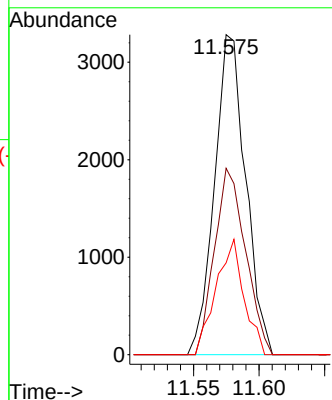
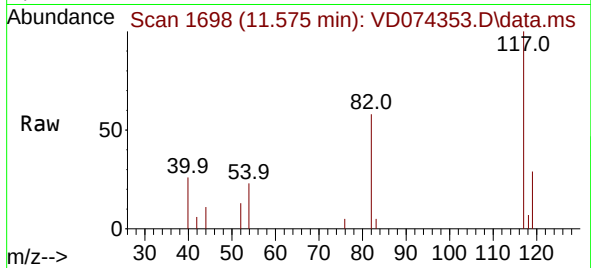




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074353.D
Acq: 19 Sep 2022 18:29

Instrument :
MSVOA_D
ClientSampleId :
SP-1

Tgt Ion:117 Resp: 5415
Ion Ratio Lower Upper
117 100
82 58.3 44.2 66.2
119 28.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074353.D
Acq: 19 Sep 2022 18:29

Tgt Ion:152 Resp: 2836
Ion Ratio Lower Upper
152 100
115 54.8 28.4 85.2
150 133.4 0.0 351.0

