

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078939.D
 Acq On : 16 May 2024 10:25
 Operator : RP/MD
 Sample : VD0516SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBL01

Quant Time: May 17 06:07:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	112147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	257424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	253218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115357	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70449	66.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.940%
35) Dibromofluoromethane	7.805	113	89522	52.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.480%
50) Toluene-d8	10.269	98	335189	52.178	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.360%
62) 4-Bromofluorobenzene	12.575	95	87445	48.455	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.920%

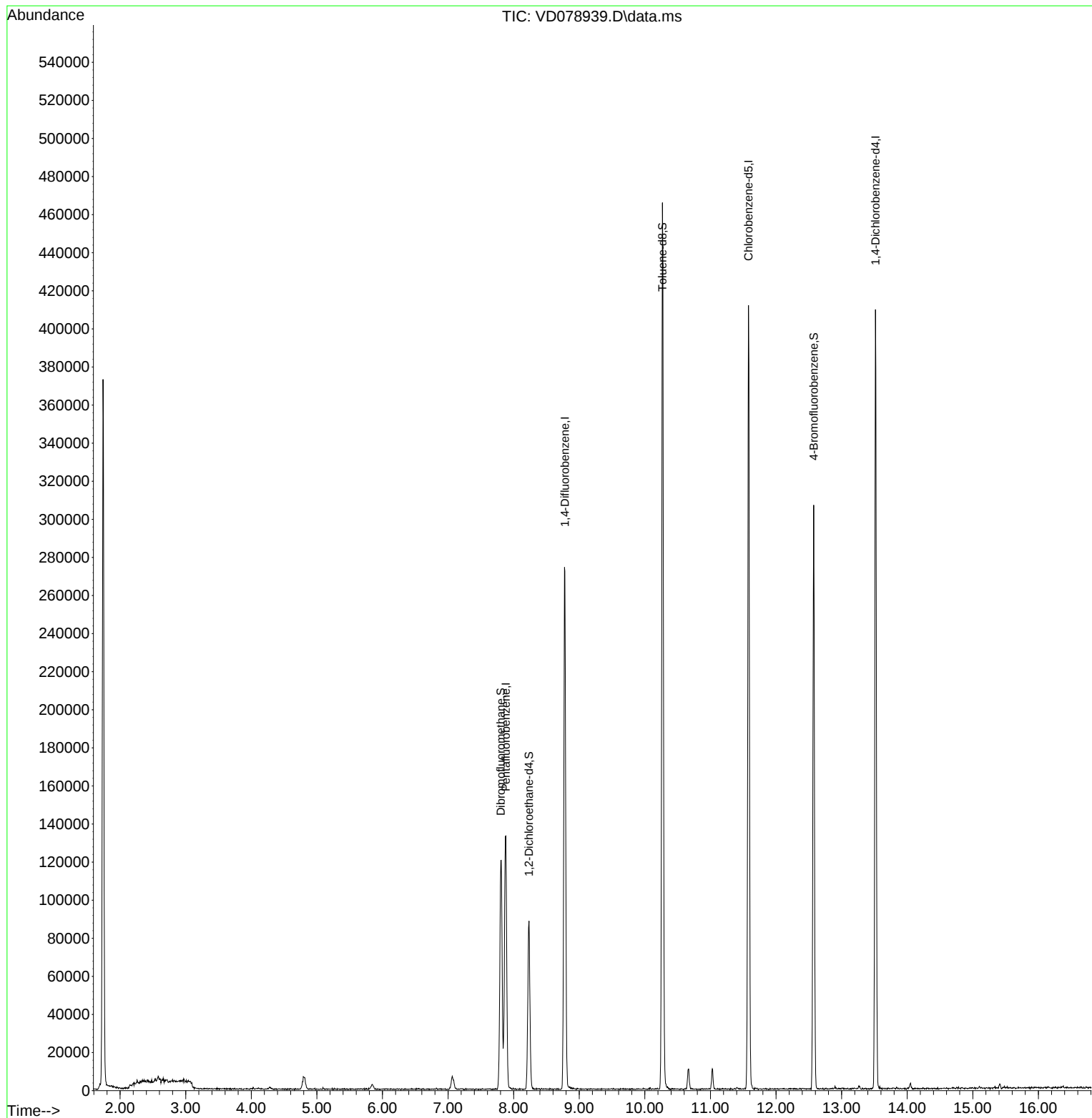
Target Compounds	Qvalue

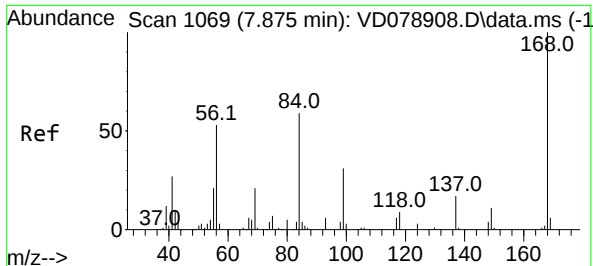
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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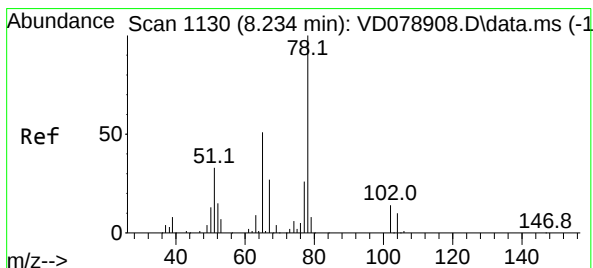
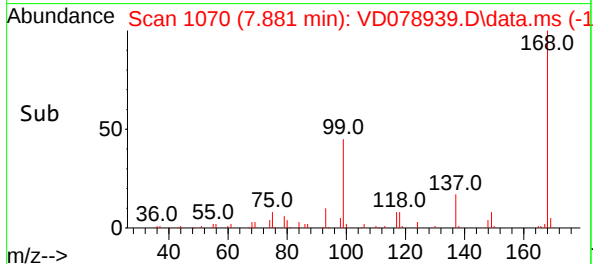
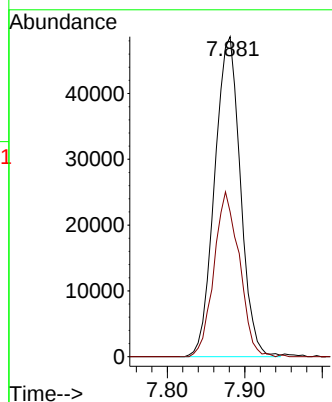
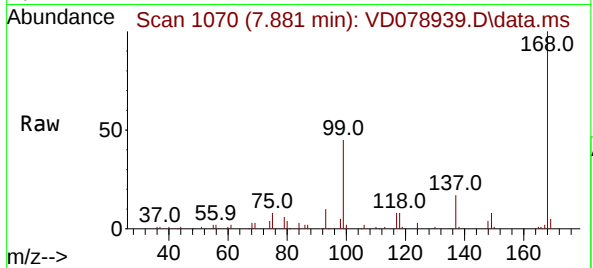




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD078939.D
Acq: 16 May 2024 10:25

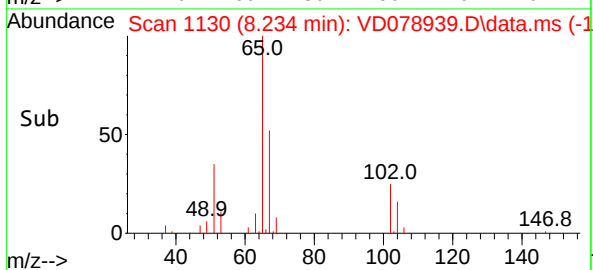
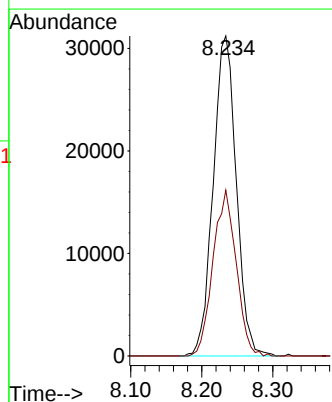
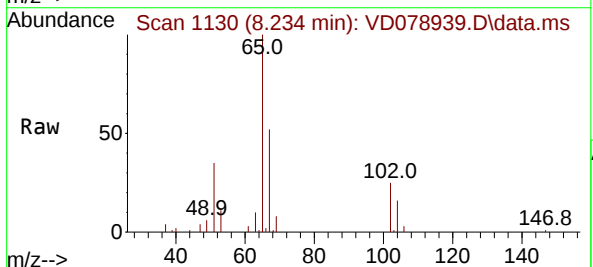
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBL01

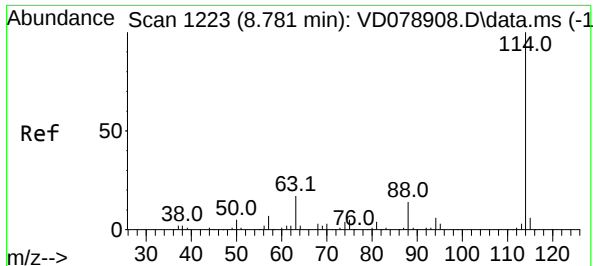
Tgt Ion:168 Resp: 112147
Ion Ratio Lower Upper
168 100
99 45.2 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 66.971 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078939.D
Acq: 16 May 2024 10:25

Tgt Ion: 65 Resp: 70449
Ion Ratio Lower Upper
65 100
67 52.0 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078939.D

Acq: 16 May 2024 10:25

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBL01

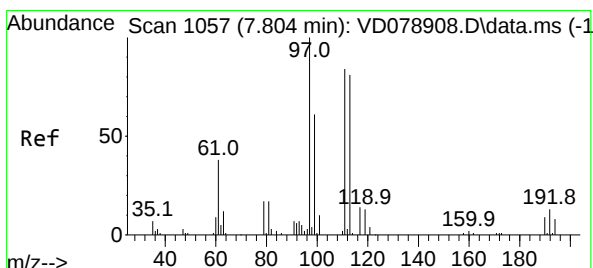
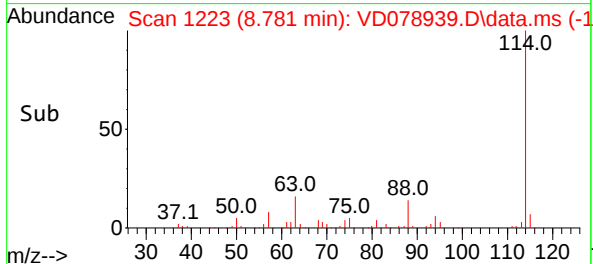
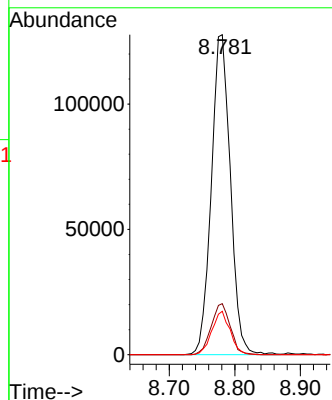
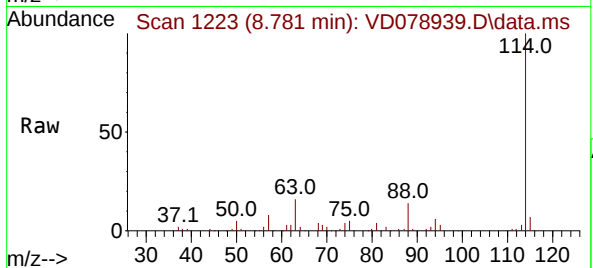
Tgt Ion:114 Resp: 257424

Ion Ratio Lower Upper

114 100

63 15.9 0.0 34.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.242 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078939.D

Acq: 16 May 2024 10:25

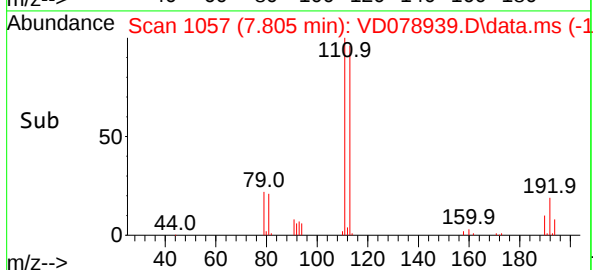
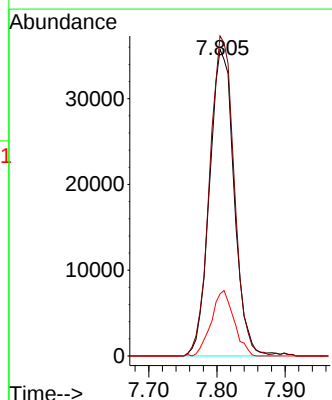
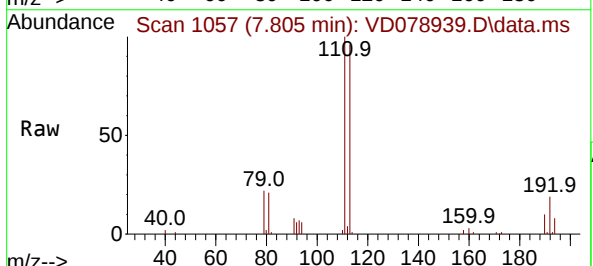
Tgt Ion:113 Resp: 89522

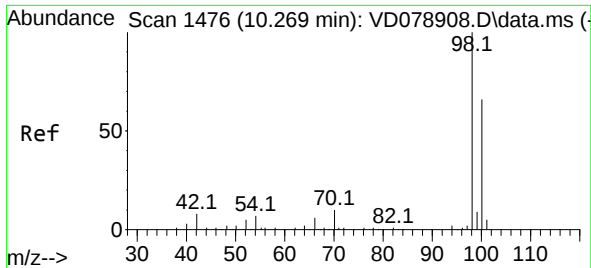
Ion Ratio Lower Upper

113 100

111 104.0 84.0 126.0

192 19.8 15.4 23.0

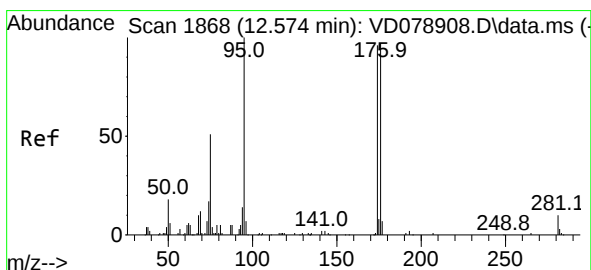
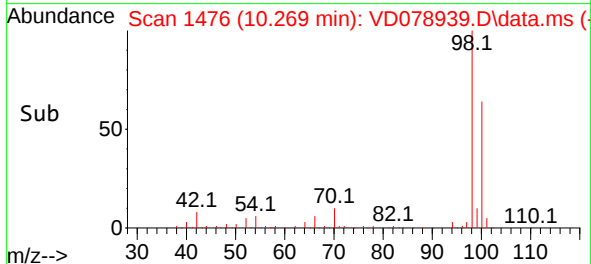
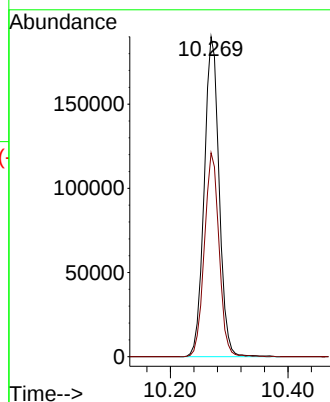
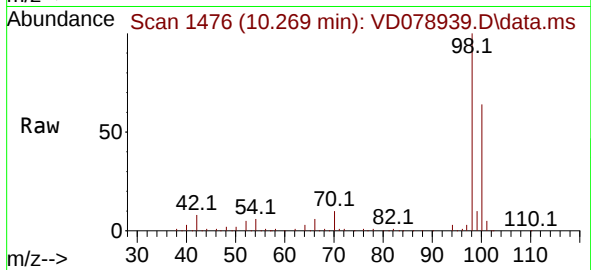




#50
Toluene-d8
Concen: 52.178 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078939.D
Acq: 16 May 2024 10:25

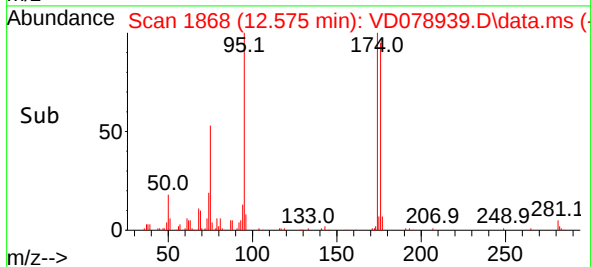
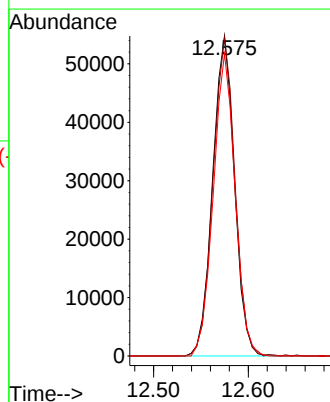
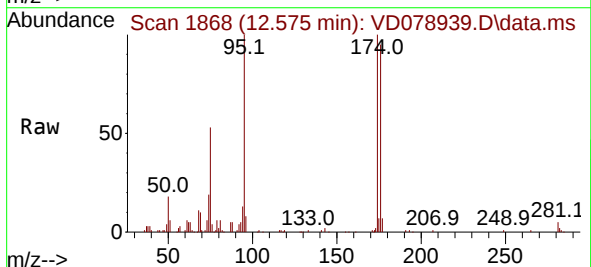
Instrument :
MSVOA_D
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VD0516SBL01

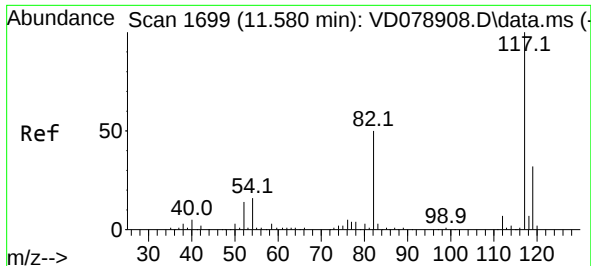
Tgt Ion: 98 Resp: 335189
Ion Ratio Lower Upper
98 100
100 62.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 48.455 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078939.D
Acq: 16 May 2024 10:25

Tgt Ion: 95 Resp: 87445
Ion Ratio Lower Upper
95 100
174 100.5 0.0 195.4
176 94.4 0.0 192.6

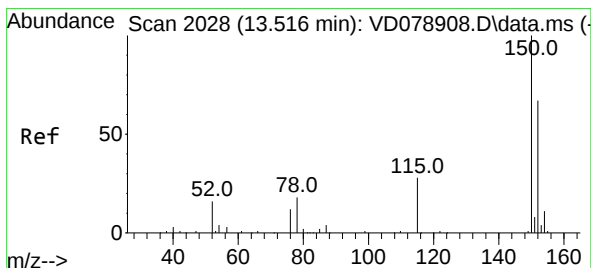
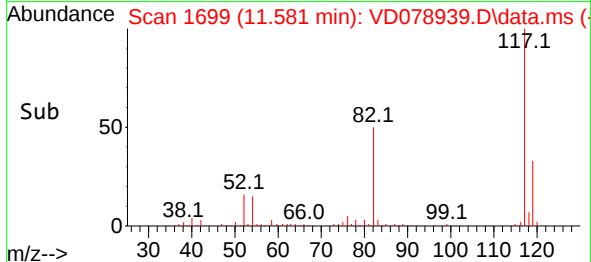
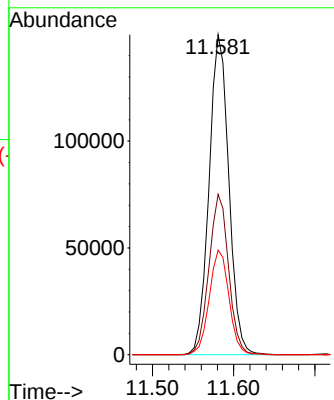
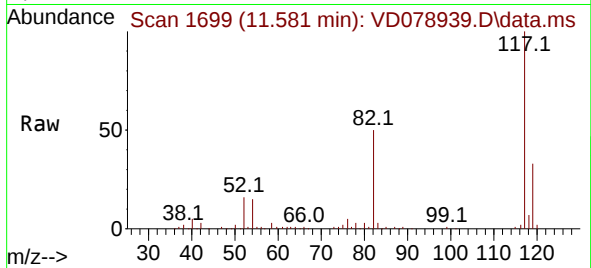




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078939.D
Acq: 16 May 2024 10:25

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBL01

Tgt Ion:117 Resp: 253218
Ion Ratio Lower Upper
117 100
82 50.1 39.8 59.6
119 32.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078939.D
Acq: 16 May 2024 10:25

Tgt Ion:152 Resp: 115357
Ion Ratio Lower Upper
152 100
115 53.1 26.5 79.5
150 155.0 0.0 341.6

