

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078951.D
 Acq On : 16 May 2024 17:44
 Operator : RP/MD
 Sample : P2497-03
 Misc : 5.05G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT3823

Quant Time: May 17 06:12:09 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	110982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	244487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97141	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64153	61.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.260%
35) Dibromofluoromethane	7.810	113	81858	50.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.600%
50) Toluene-d8	10.269	98	311386	51.037	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.080%
62) 4-Bromofluorobenzene	12.575	95	77445	45.185	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.360%

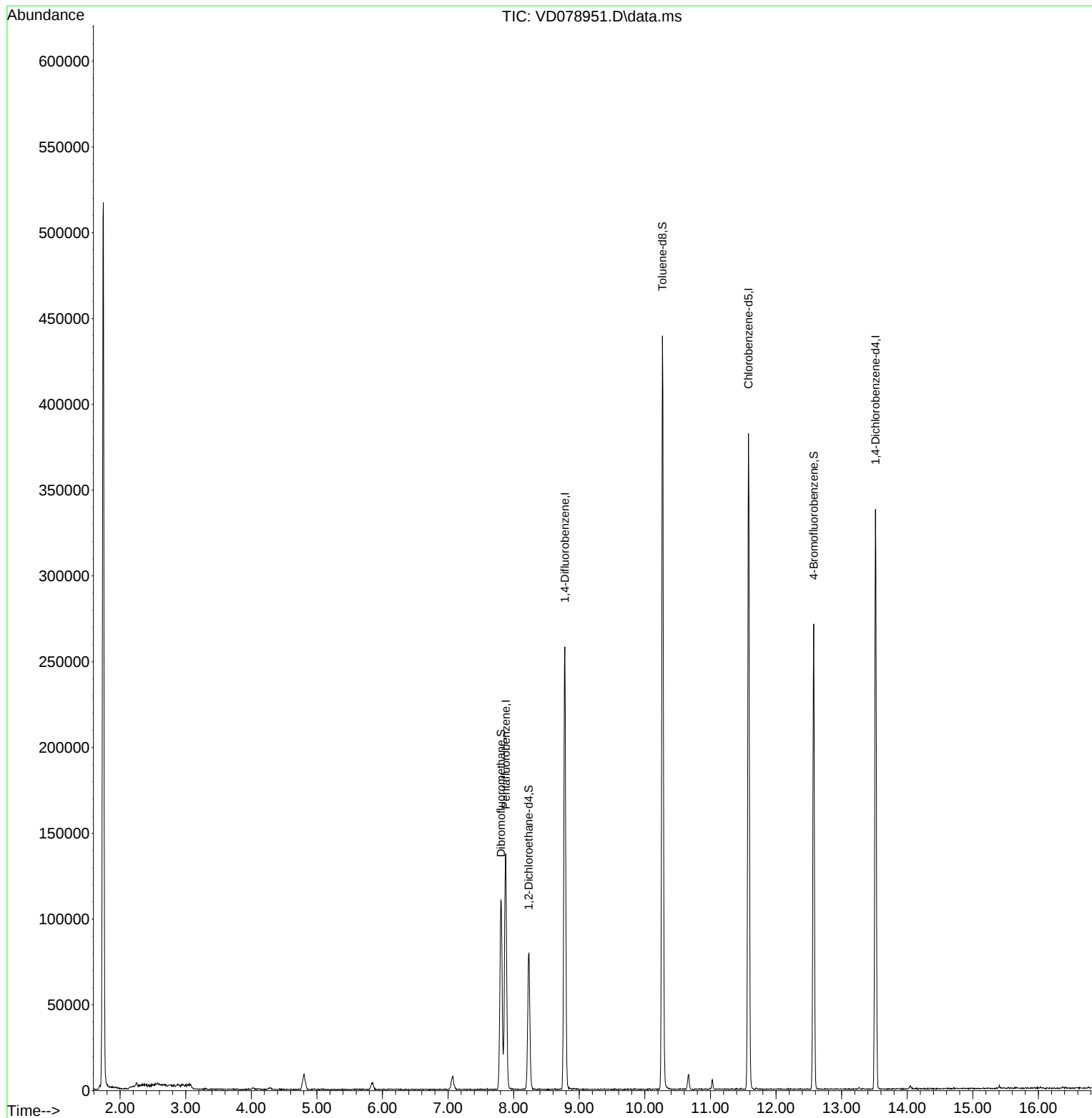
Target Compounds	Qvalue

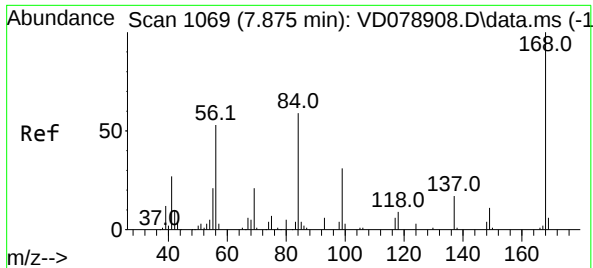
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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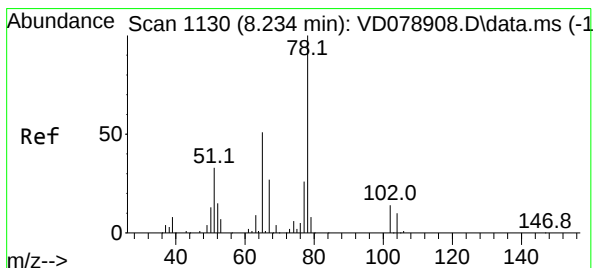
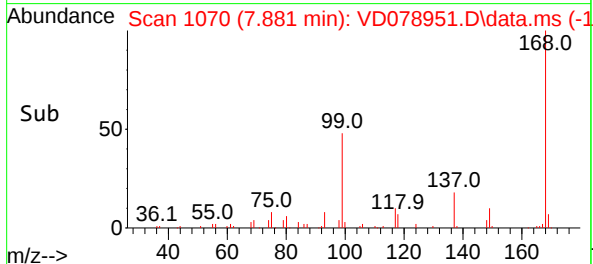
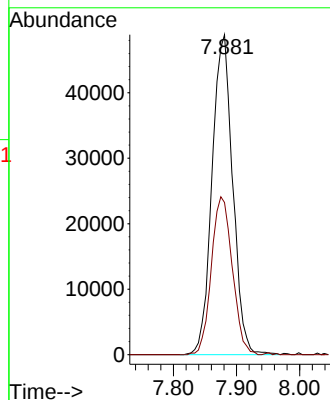
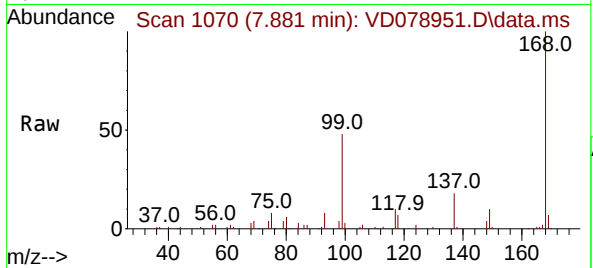




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD078951.D
Acq: 16 May 2024 17:44

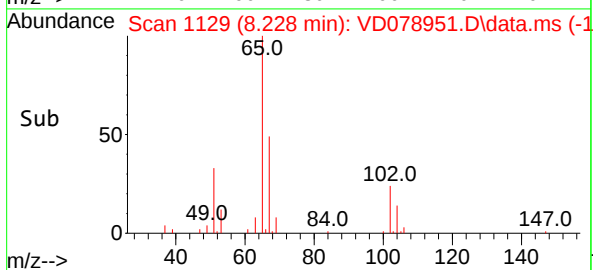
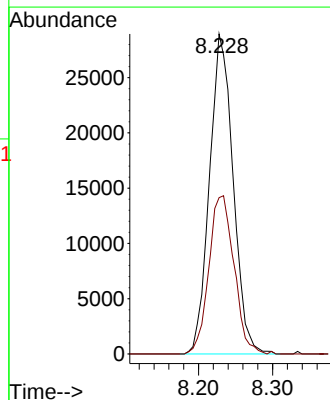
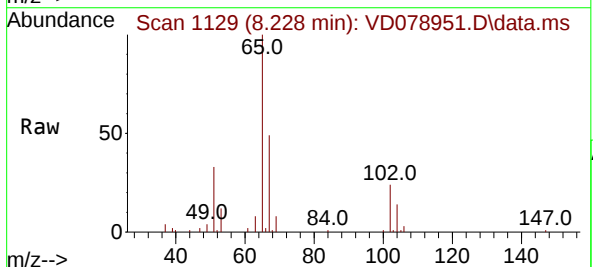
Instrument :
MSVOA_D
ClientSampleId :
RT3823

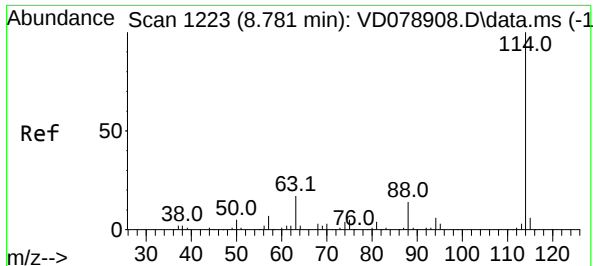
Tgt Ion:168 Resp: 110982
Ion Ratio Lower Upper
168 100
99 47.6 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 61.626 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078951.D
Acq: 16 May 2024 17:44

Tgt Ion: 65 Resp: 64153
Ion Ratio Lower Upper
65 100
67 52.6 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078951.D

Acq: 16 May 2024 17:44

Instrument :

MSVOA_D

ClientSampleId :

RT3823

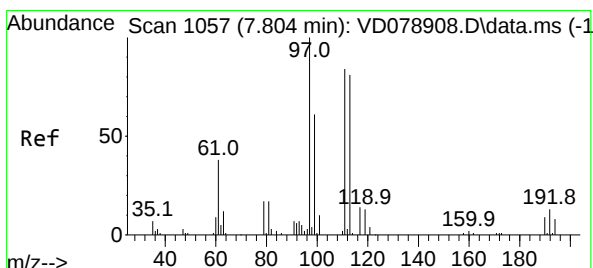
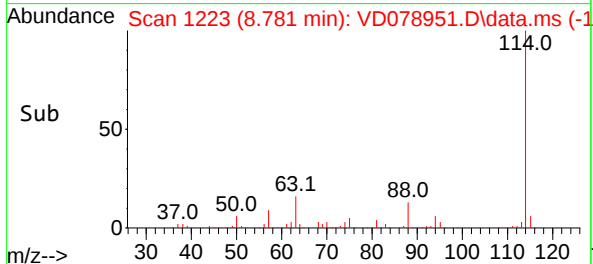
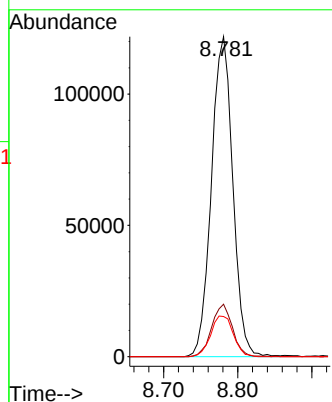
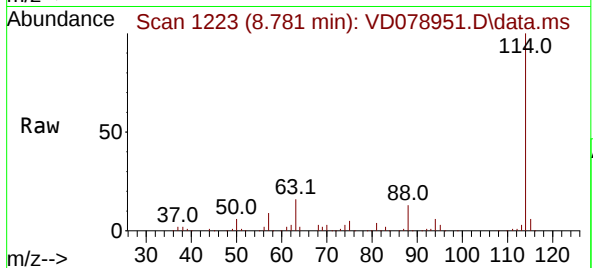
Tgt Ion:114 Resp: 244487

Ion Ratio Lower Upper

114 100

63 16.4 0.0 34.0

88 12.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.298 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078951.D

Acq: 16 May 2024 17:44

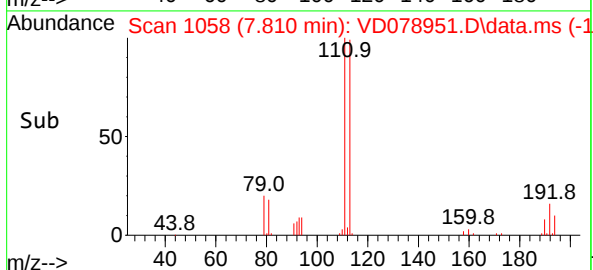
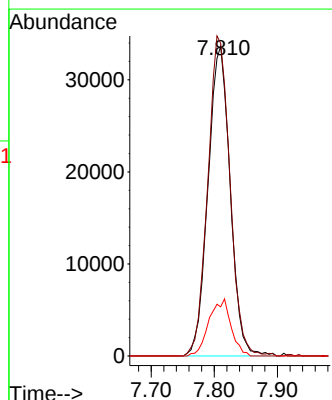
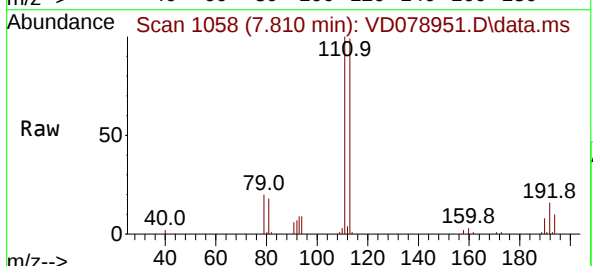
Tgt Ion:113 Resp: 81858

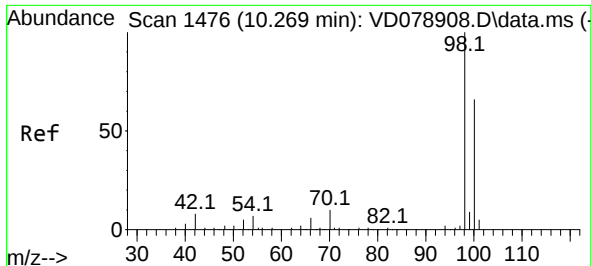
Ion Ratio Lower Upper

113 100

111 103.6 84.0 126.0

192 18.3 15.4 23.0

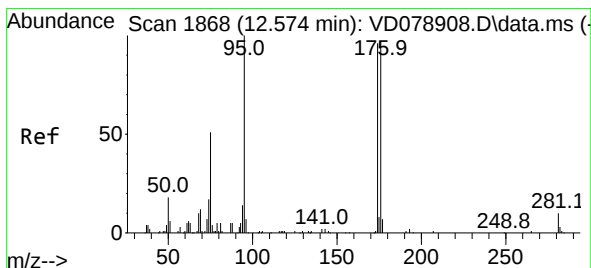
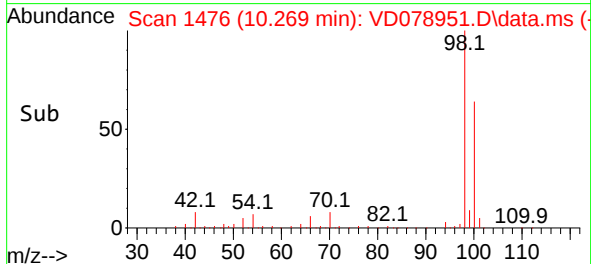
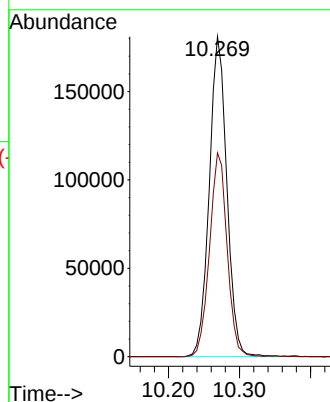
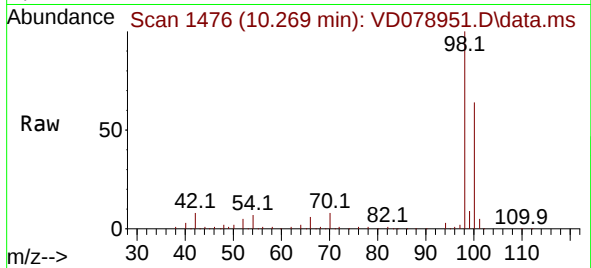




#50
Toluene-d8
Concen: 51.037 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078951.D
Acq: 16 May 2024 17:44

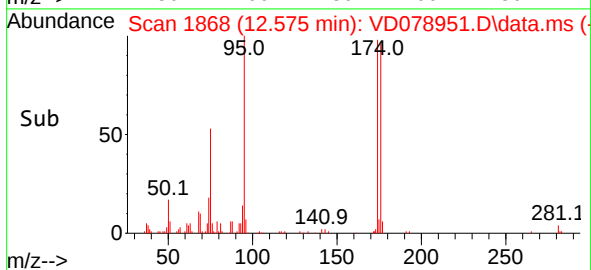
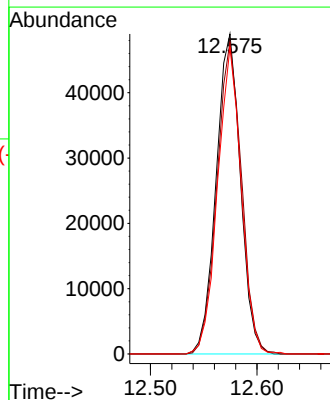
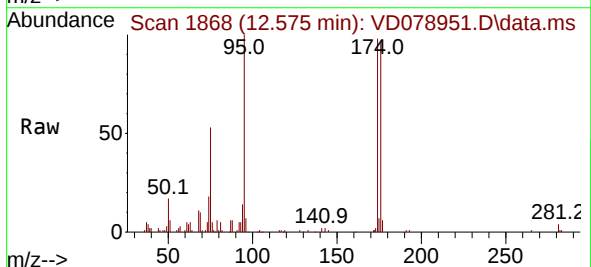
Instrument :
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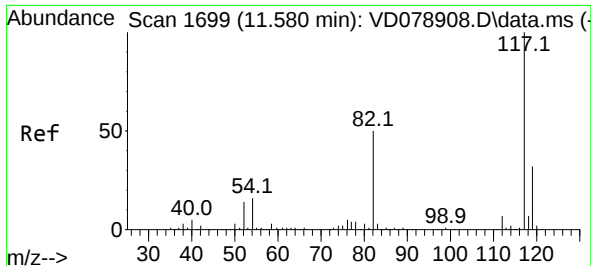
Tgt Ion: 98 Resp: 311386
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.185 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078951.D
Acq: 16 May 2024 17:44

Tgt Ion: 95 Resp: 77445
Ion Ratio Lower Upper
95 100
174 98.5 0.0 195.4
176 92.9 0.0 192.6

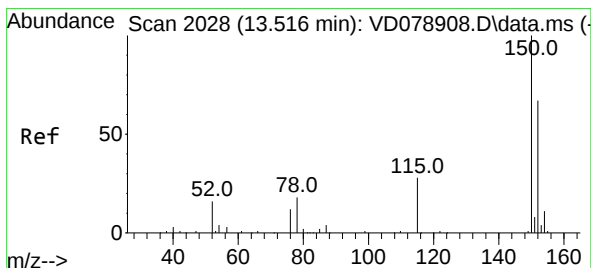
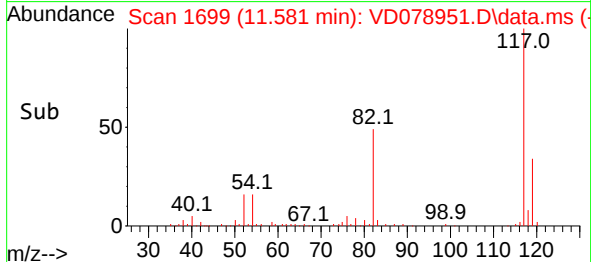
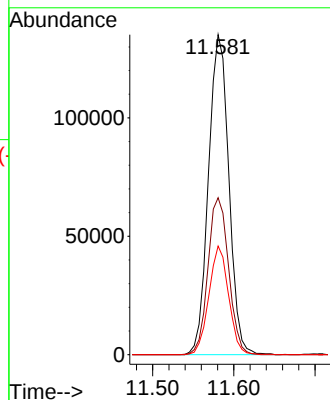
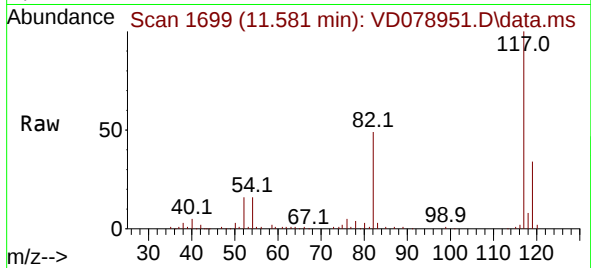




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078951.D
Acq: 16 May 2024 17:44

Instrument :
MSVOA_D
ClientSampleId :
RT3823

Tgt Ion:117 Resp: 235287
Ion Ratio Lower Upper
117 100
82 49.1 39.8 59.6
119 33.9 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: VD078951.D
Acq: 16 May 2024 17:44

Tgt Ion:152 Resp: 97141
Ion Ratio Lower Upper
152 100
115 53.3 26.5 79.5
150 158.7 0.0 341.6

