

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078924.D
 Acq On : 15 May 2024 11:04
 Operator : RP/MD
 Sample : VD0515SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBL01

Quant Time: May 16 01:23:26 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	7.875	168	107575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	262802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	253170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63134	62.568	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.140%
35) Dibromofluoromethane	7.804	113	88941	50.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.680%
50) Toluene-d8	10.269	98	335484	51.155	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.320%
62) 4-Bromofluorobenzene	12.575	95	84961	46.115	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.240%

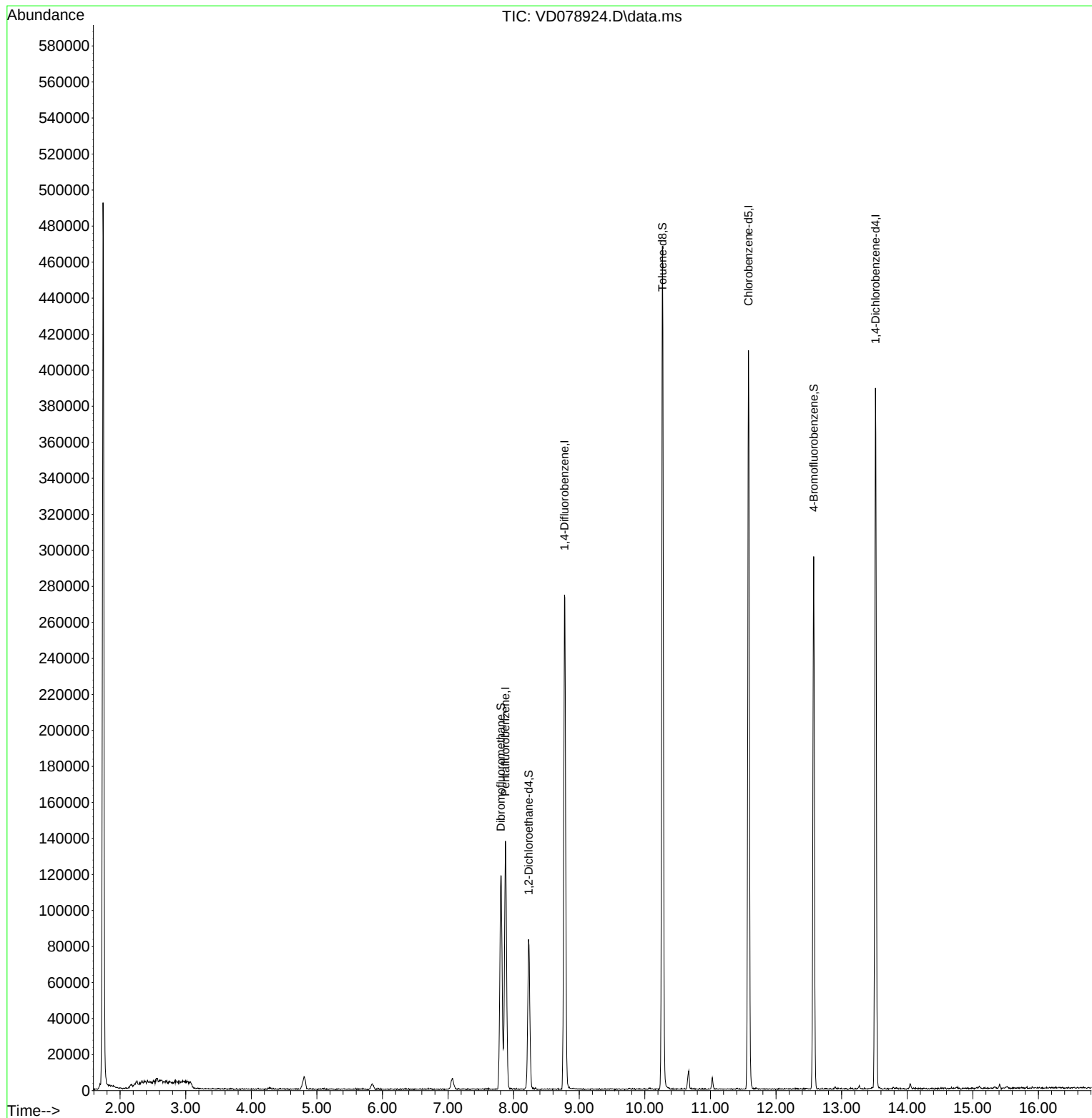
Target Compounds	Qvalue

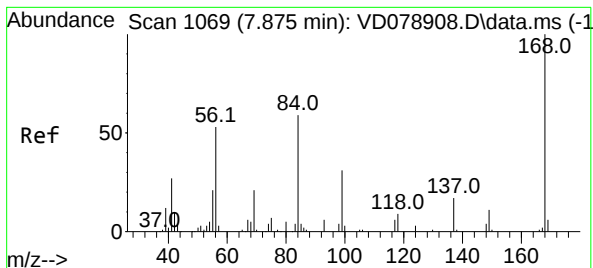
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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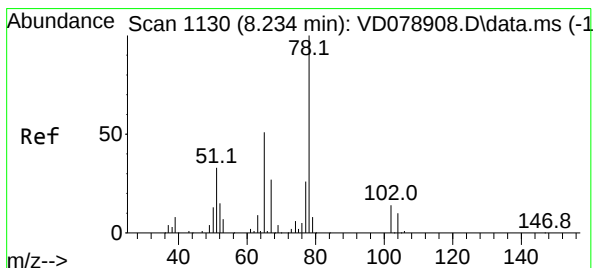
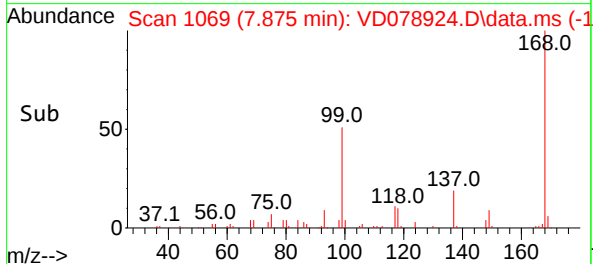
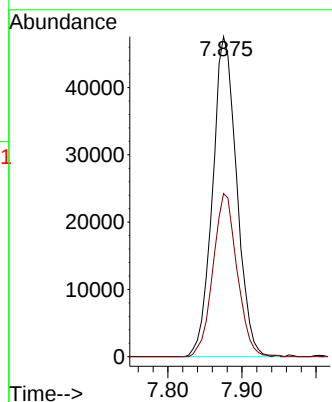
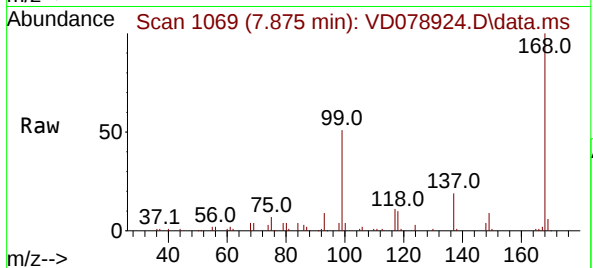




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

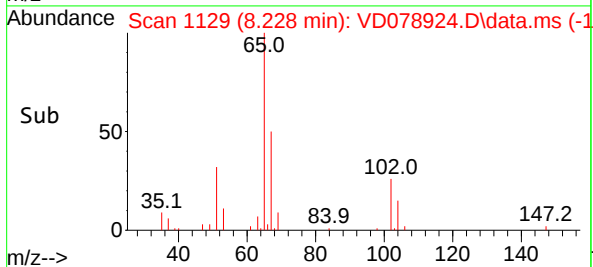
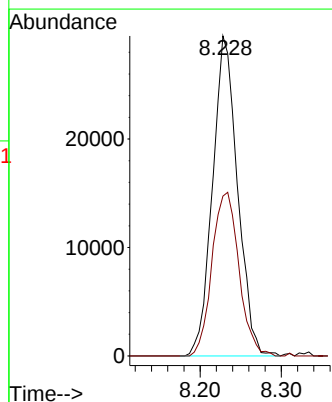
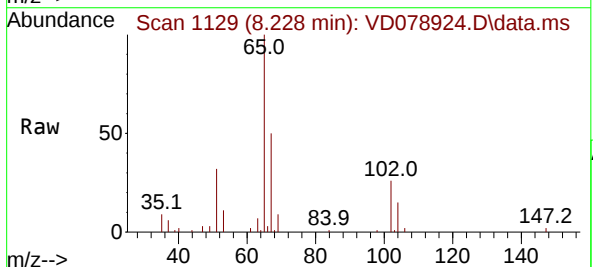
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBL01

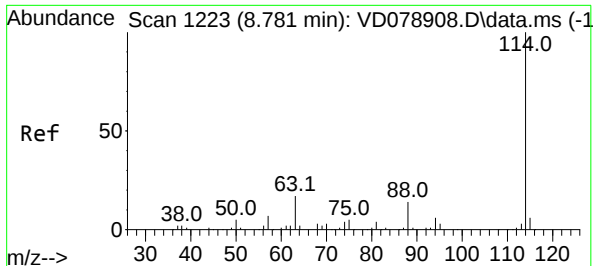
Tgt Ion:168 Resp: 107575
Ion Ratio Lower Upper
168 100
99 51.0 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 62.568 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

Tgt Ion: 65 Resp: 63134
Ion Ratio Lower Upper
65 100
67 55.1 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078924.D

Acq: 15 May 2024 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD0515SBL01

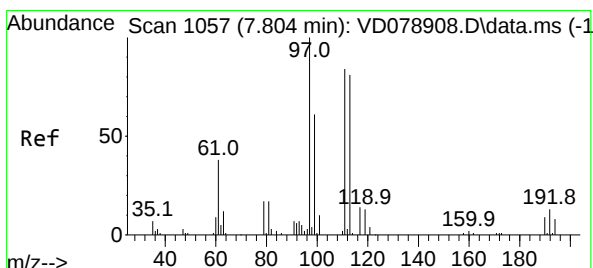
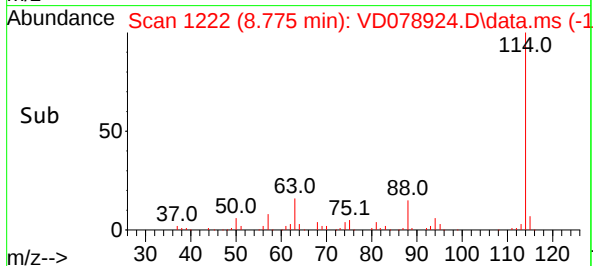
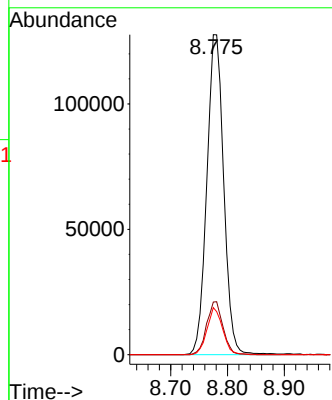
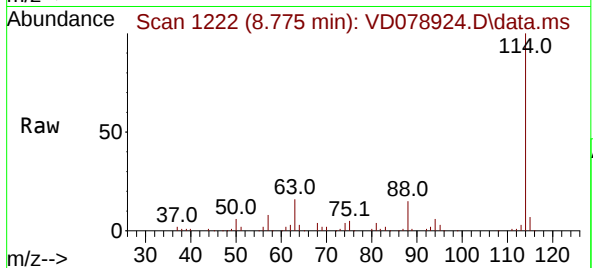
Tgt Ion:114 Resp: 262802

Ion Ratio Lower Upper

114 100

63 16.4 0.0 34.0

88 14.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.841 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078924.D

Acq: 15 May 2024 11:04

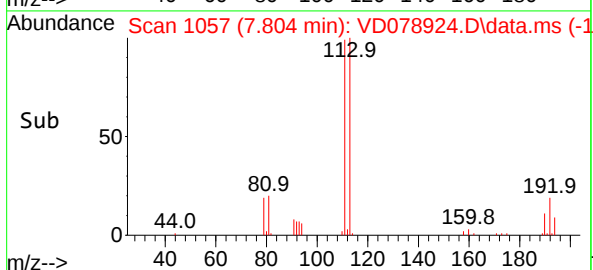
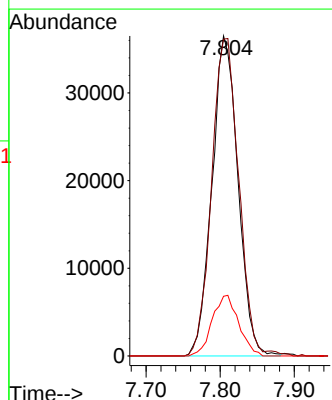
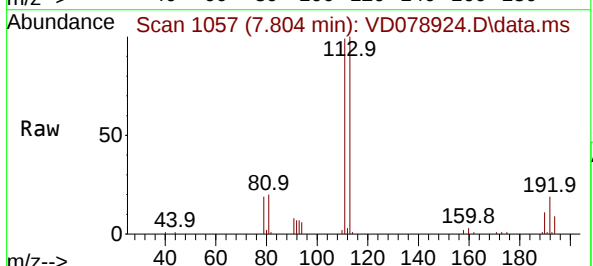
Tgt Ion:113 Resp: 88941

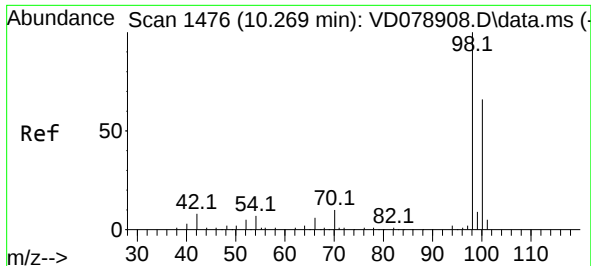
Ion Ratio Lower Upper

113 100

111 103.5 84.0 126.0

192 19.3 15.4 23.0

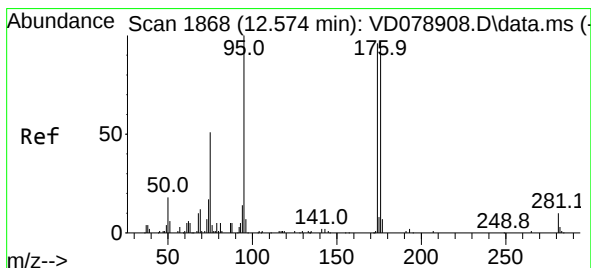
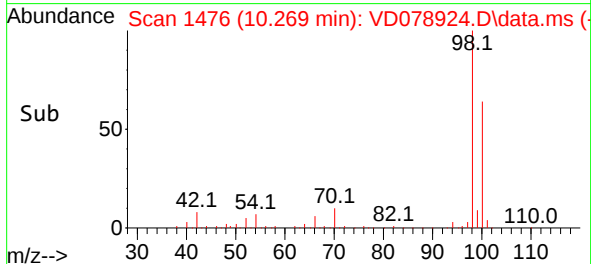
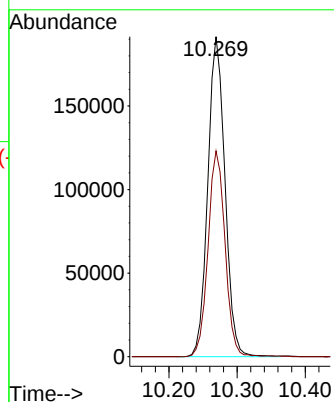
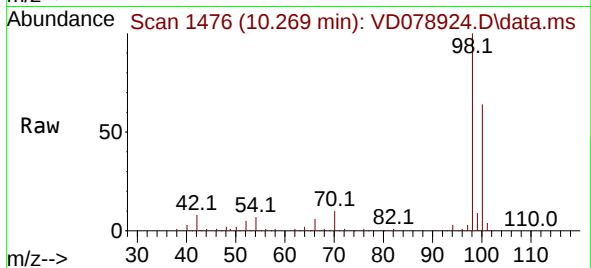




#50
Toluene-d8
Concen: 51.155 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

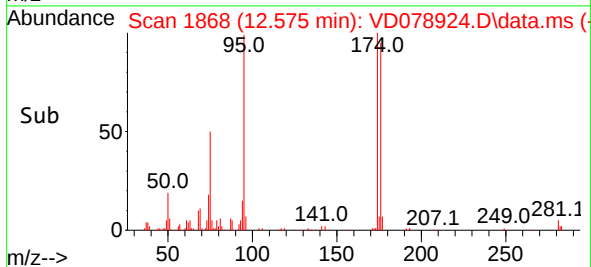
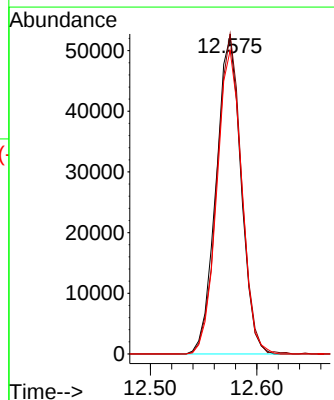
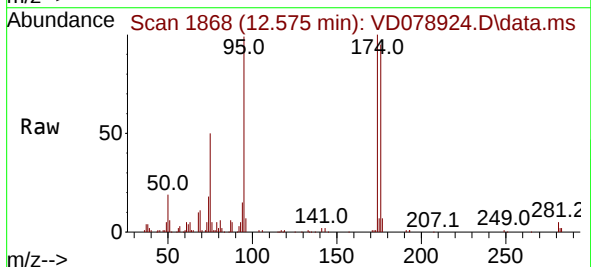
Instrument :
MSVOA_D
ClientSampleId :
VD0515SBL01

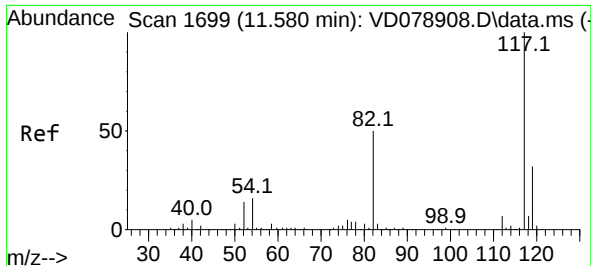
Tgt Ion: 98 Resp: 335484
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.115 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

Tgt Ion: 95 Resp: 84961
Ion Ratio Lower Upper
95 100
174 99.4 0.0 195.4
176 95.6 0.0 192.6

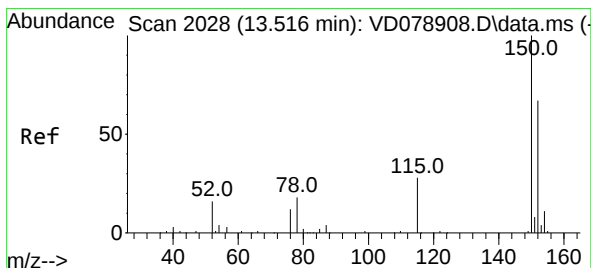
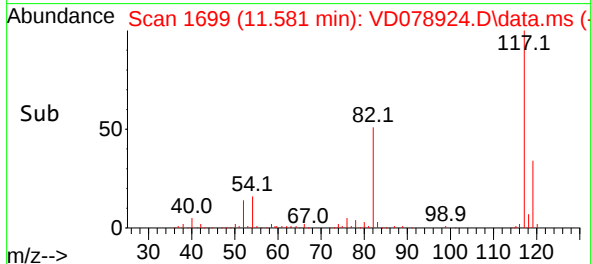
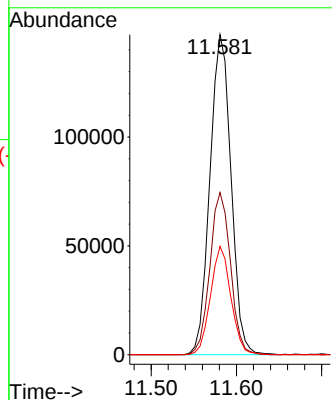
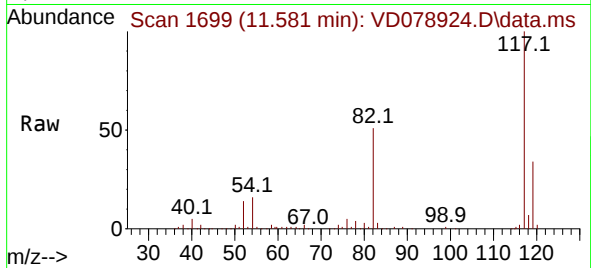




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078924.D
Acq: 15 May 2024 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0515SBL01

Tgt Ion:117 Resp: 253170
Ion Ratio Lower Upper
117 100
82 50.7 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: VD078924.D
Acq: 15 May 2024 11:04

Tgt Ion:152 Resp: 109453
Ion Ratio Lower Upper
152 100
115 54.5 26.5 79.5
150 160.6 0.0 341.6

