

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101524\
 Data File : VD079980.D
 Acq On : 15 Oct 2024 11:34
 Operator : RP/MD
 Sample : VD1015SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1015SBL01

Quant Time: Oct 16 01:24:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 03:20:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	129758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	218812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80126	54.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.560%
35) Dibromofluoromethane	7.810	113	82998	52.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.100%
50) Toluene-d8	10.269	98	251563	44.699	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.400%
62) 4-Bromofluorobenzene	12.569	95	81437	41.452	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.900%

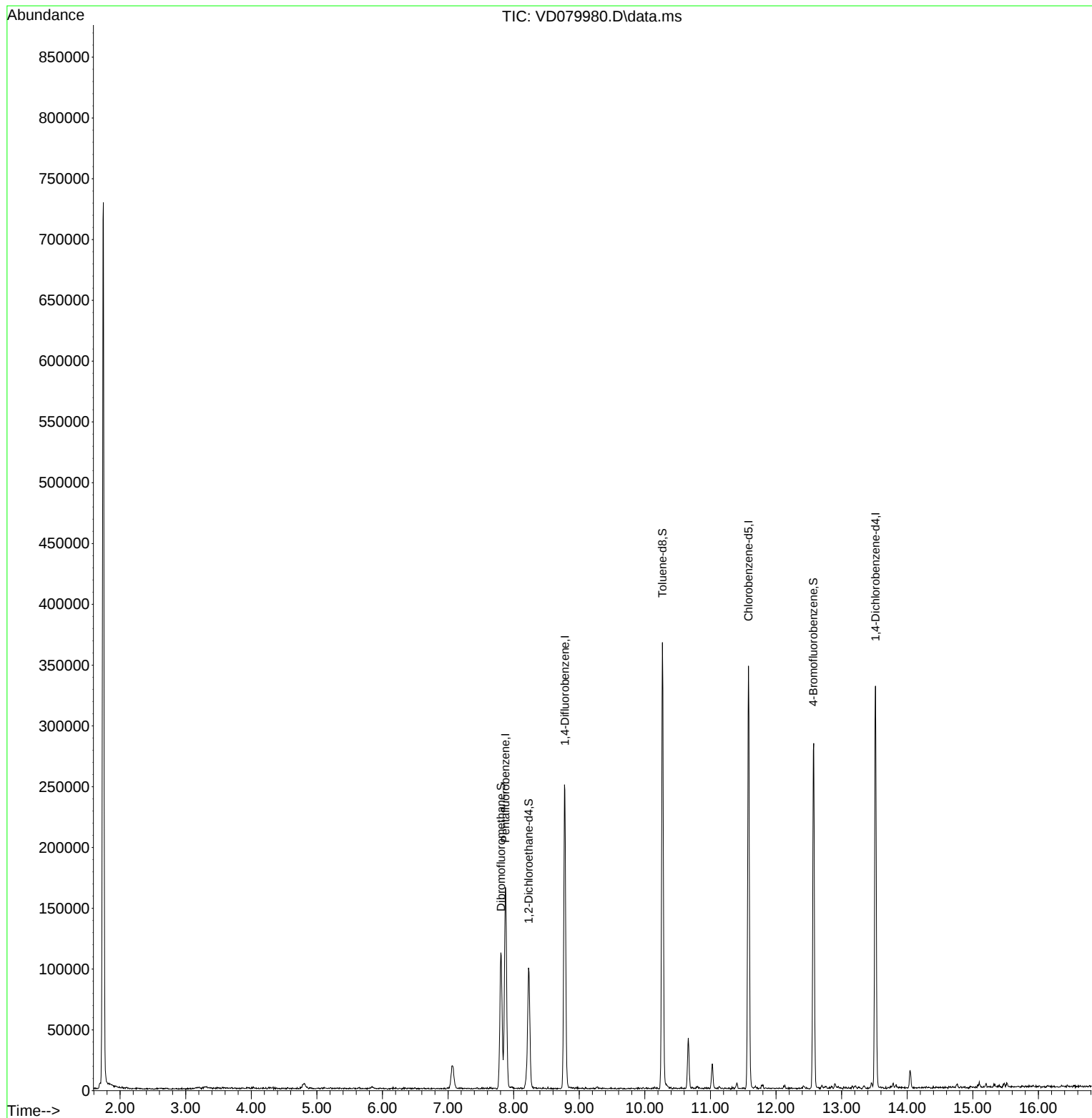
Target Compounds	Qvalue

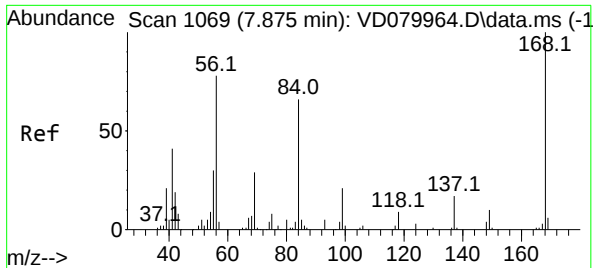
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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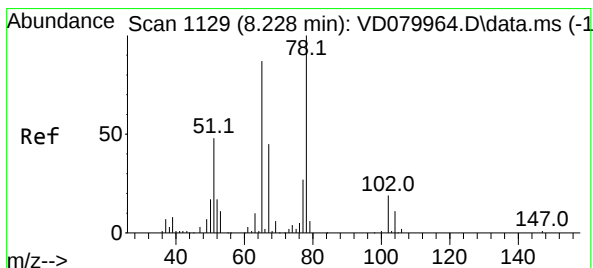
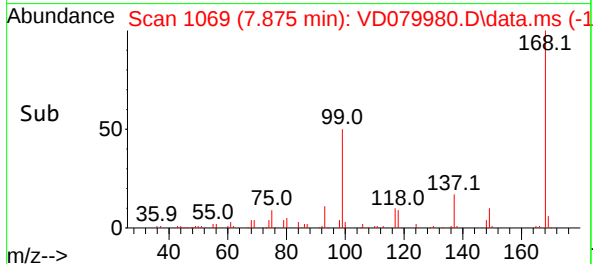
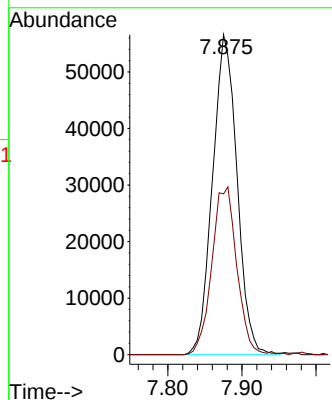
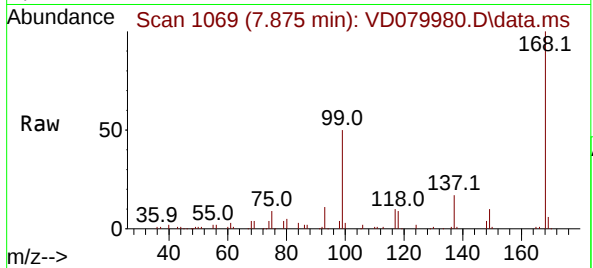




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079980.D
Acq: 15 Oct 2024 11:34

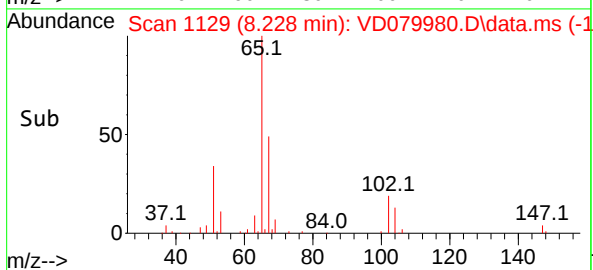
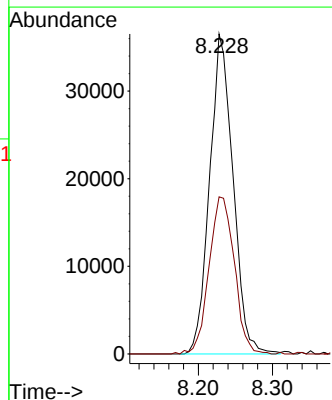
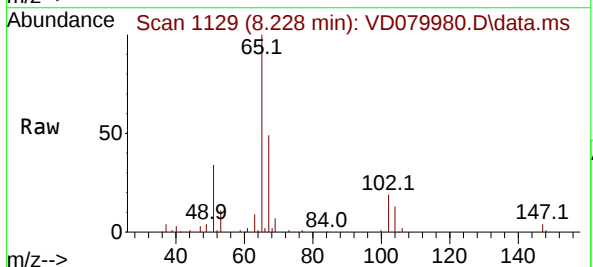
Instrument :
MSVOA_D
ClientSampleId :
VD1015SBL01

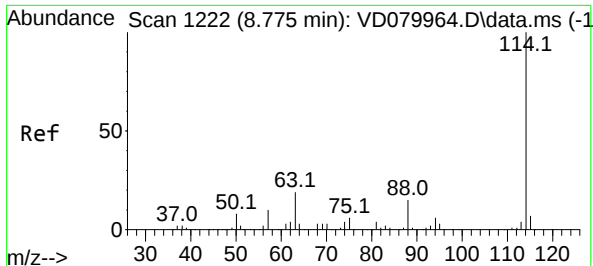
Tgt Ion:168 Resp: 129758
Ion Ratio Lower Upper
168 100
99 50.3 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 54.284 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079980.D
Acq: 15 Oct 2024 11:34

Tgt Ion: 65 Resp: 80126
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079980.D

Acq: 15 Oct 2024 11:34

Instrument :

MSVOA_D

ClientSampleId :

VD1015SBL01

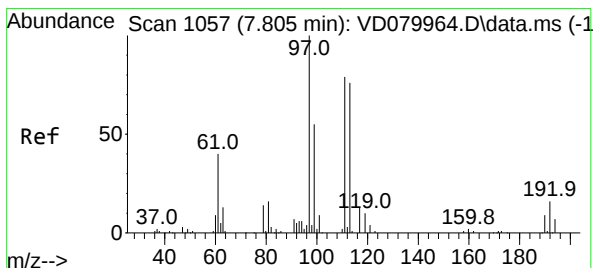
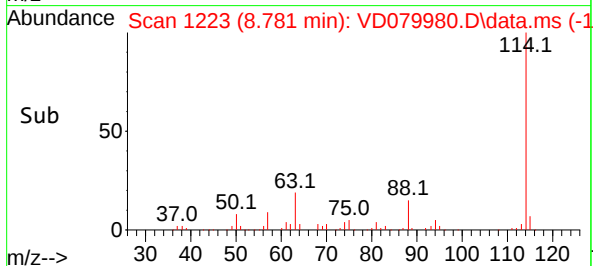
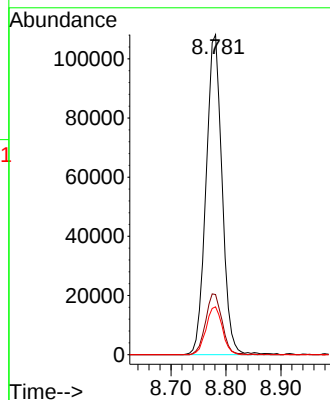
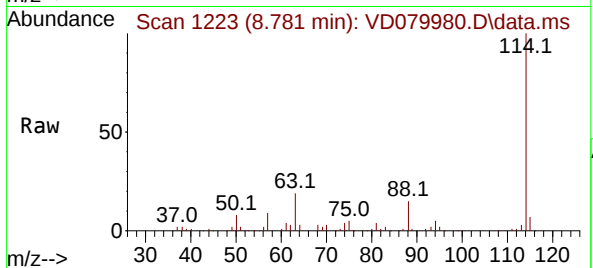
Tgt Ion:114 Resp: 218812

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.8

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.553 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079980.D

Acq: 15 Oct 2024 11:34

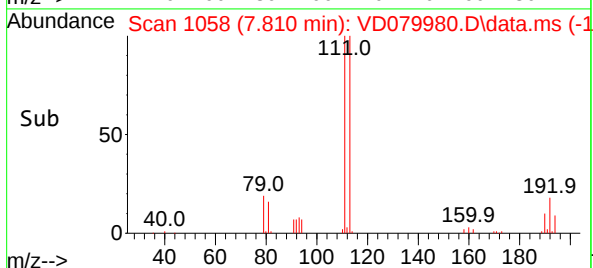
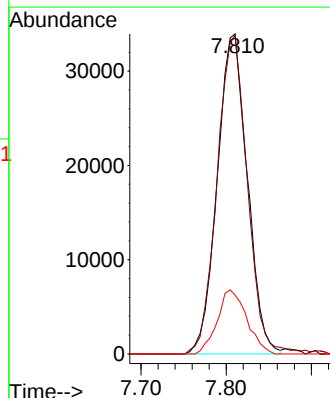
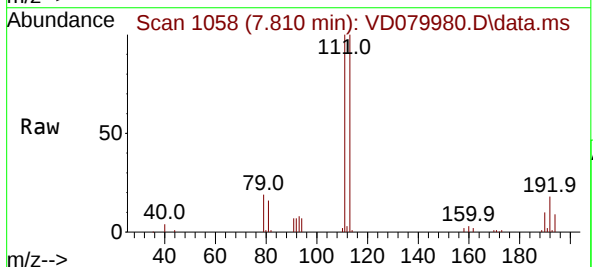
Tgt Ion:113 Resp: 82998

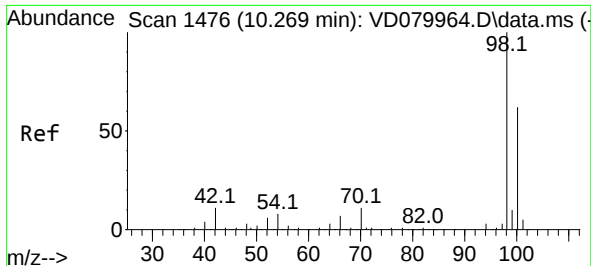
Ion Ratio Lower Upper

113 100

111 100.9 82.5 123.7

192 19.7 16.6 25.0

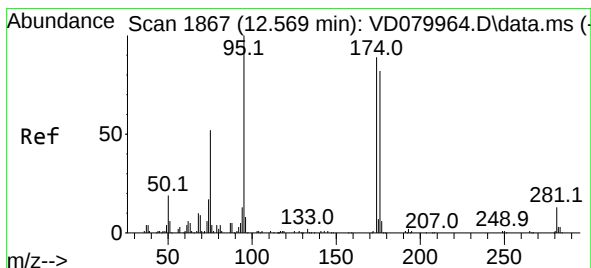
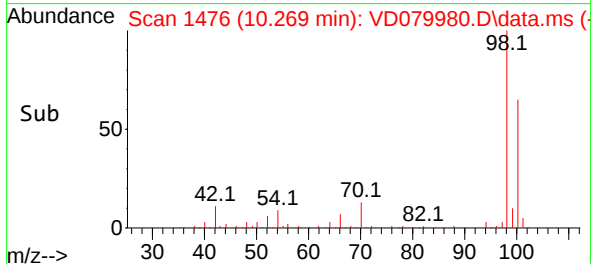
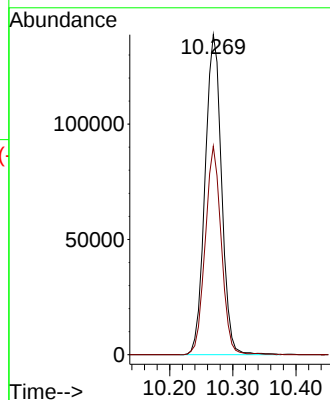
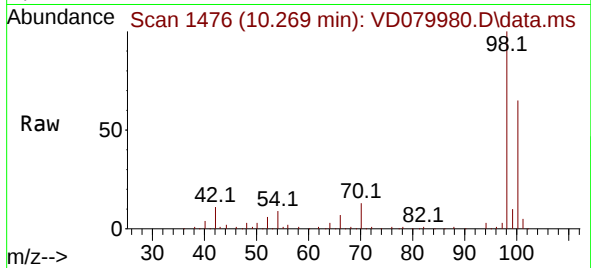




#50
Toluene-d8
Concen: 44.699 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079980.D
Acq: 15 Oct 2024 11:34

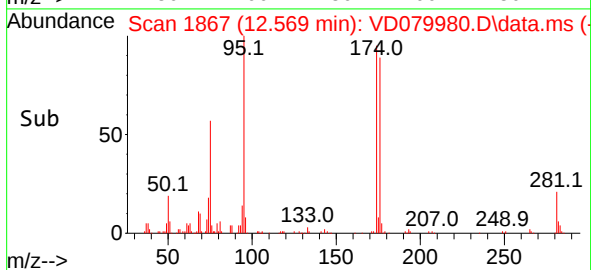
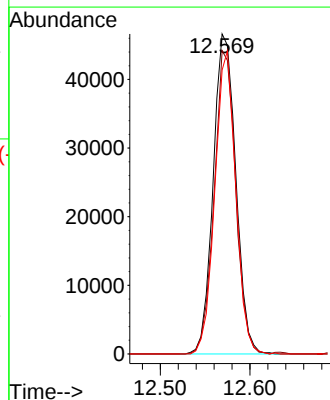
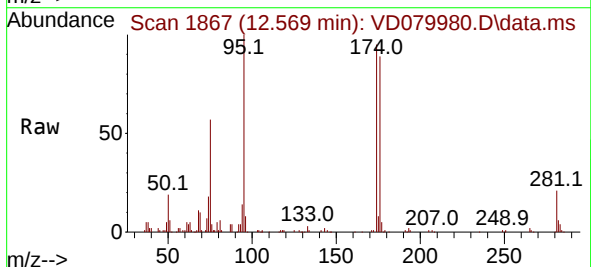
Instrument :
MSVOA_D
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VD1015SBL01

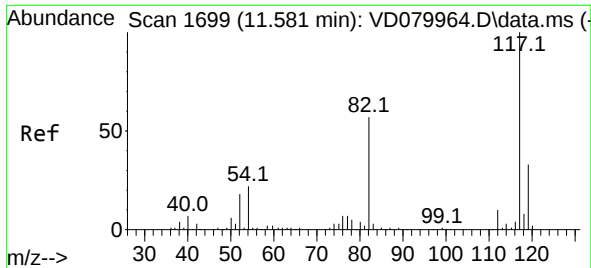
Tgt Ion: 98 Resp: 251563
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 41.452 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079980.D
Acq: 15 Oct 2024 11:34

Tgt Ion: 95 Resp: 81437
Ion Ratio Lower Upper
95 100
174 90.2 0.0 173.4
176 87.6 0.0 166.6

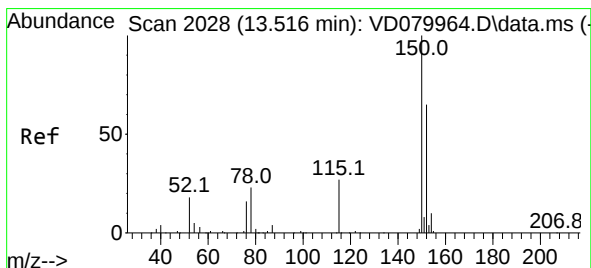
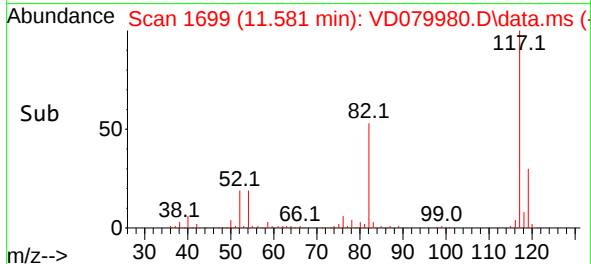
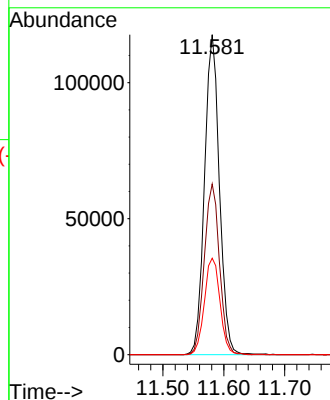
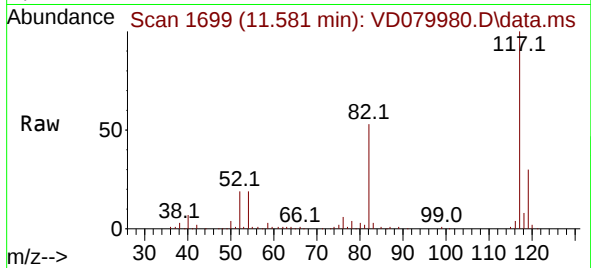




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079980.D
Acq: 15 Oct 2024 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD1015SBL01

Tgt Ion:117 Resp: 200174
Ion Ratio Lower Upper
117 100
82 53.4 45.8 68.6
119 30.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079980.D
Acq: 15 Oct 2024 11:34

Tgt Ion:152 Resp: 93366
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.8
150 155.4 0.0 354.8

