

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
 Data File : VD078634.D
 Acq On : 12 Mar 2024 10:39
 Operator : RP/MD
 Sample : VD0312SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0312SBL01

Quant Time: Mar 13 03:02:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	98305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	217319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	284833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146970	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43418	44.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.100%
35) Dibromofluoromethane	7.810	113	69382	49.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.160%
50) Toluene-d8	10.269	98	289704	52.739	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.480%
62) 4-Bromofluorobenzene	12.575	95	114602	73.044	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	146.080%#

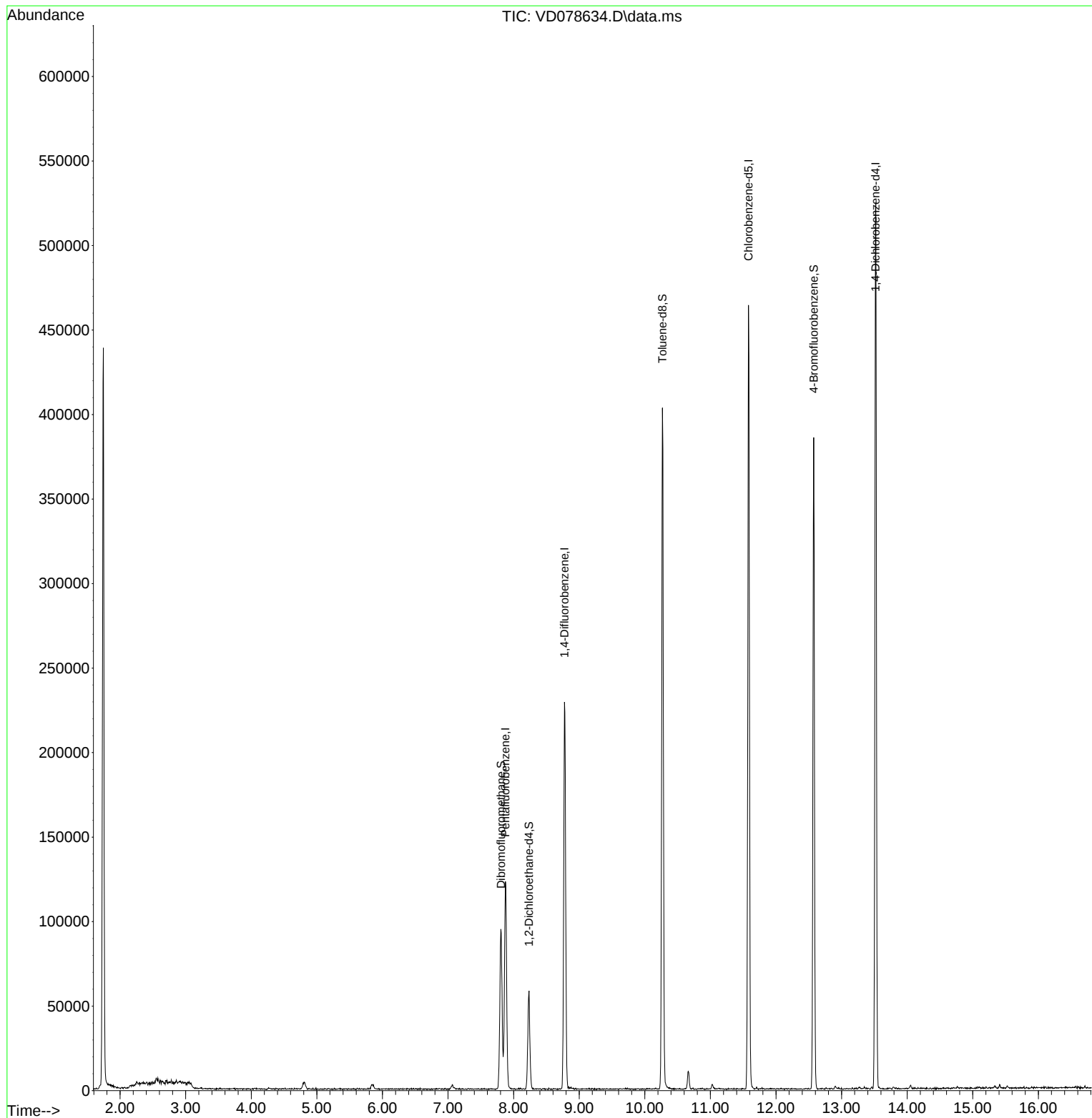
Target Compounds	Qvalue

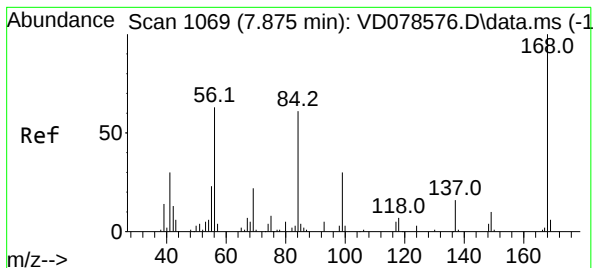
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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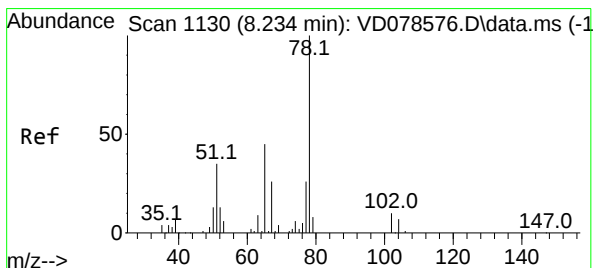
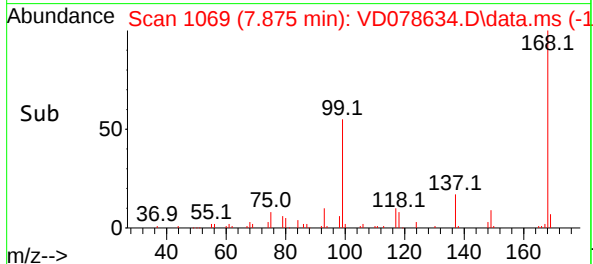
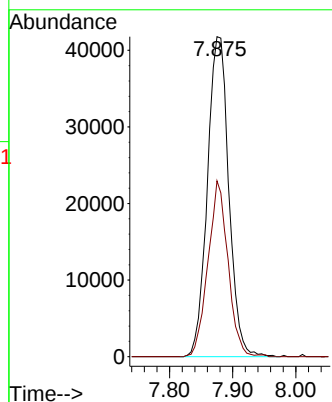
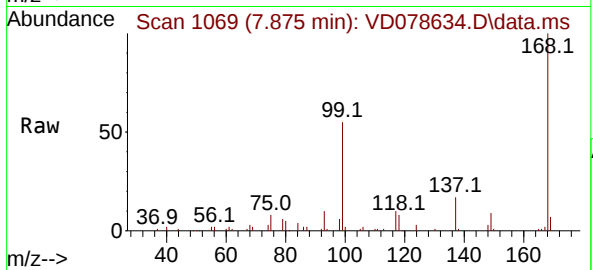




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39

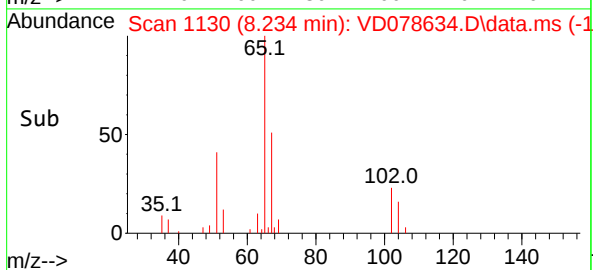
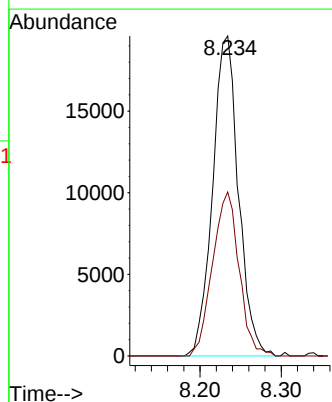
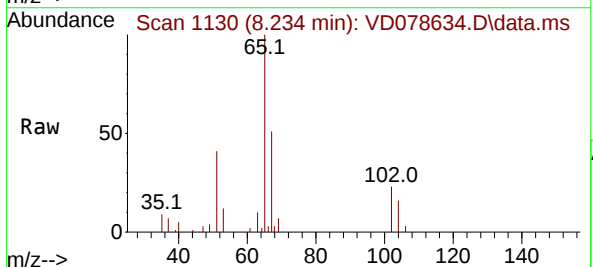
Instrument :
MSVOA_D
ClientSampleId :
VD0312SBL01

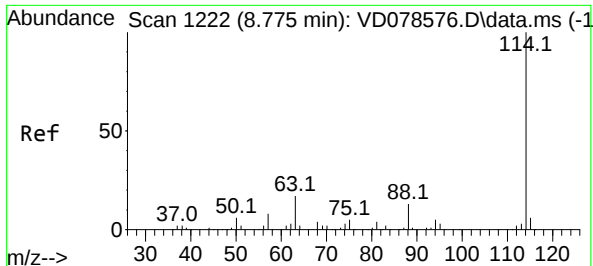
Tgt Ion:168 Resp: 98305
Ion Ratio Lower Upper
168 100
99 55.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 44.555 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39

Tgt Ion: 65 Resp: 43418
Ion Ratio Lower Upper
65 100
67 52.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078634.D

Acq: 12 Mar 2024 10:39

Instrument :

MSVOA_D

ClientSampleId :

VD0312SBL01

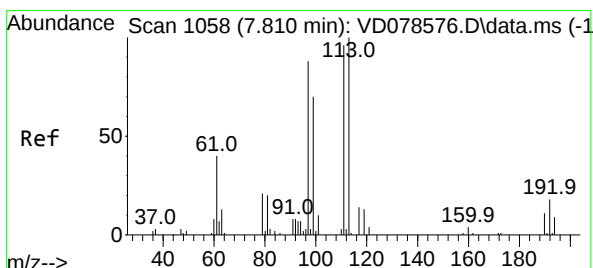
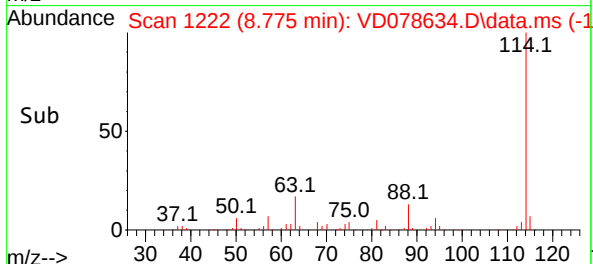
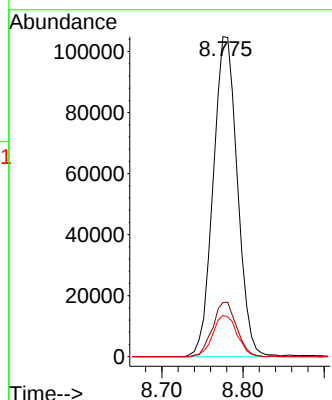
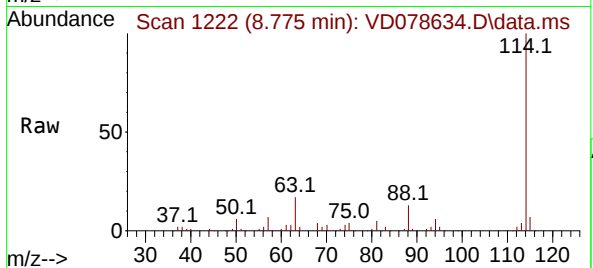
Tgt Ion:114 Resp: 217319

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 12.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 49.080 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078634.D

Acq: 12 Mar 2024 10:39

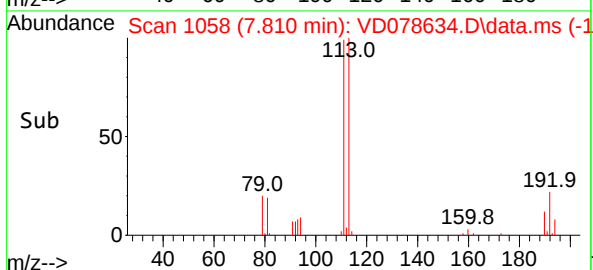
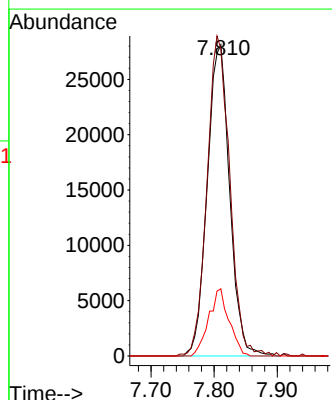
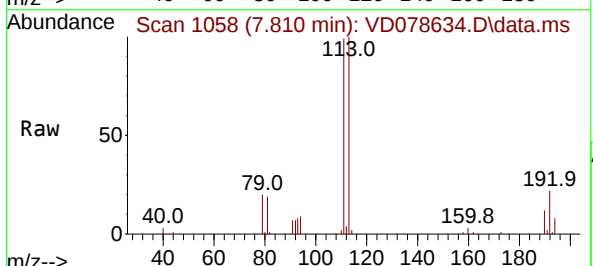
Tgt Ion:113 Resp: 69382

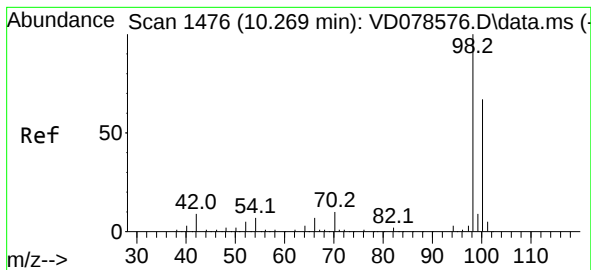
Ion Ratio Lower Upper

113 100

111 104.1 84.7 127.1

192 19.6 16.8 25.2

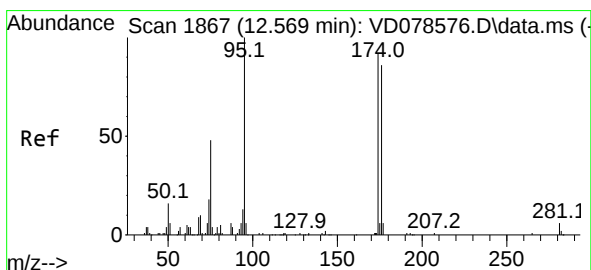
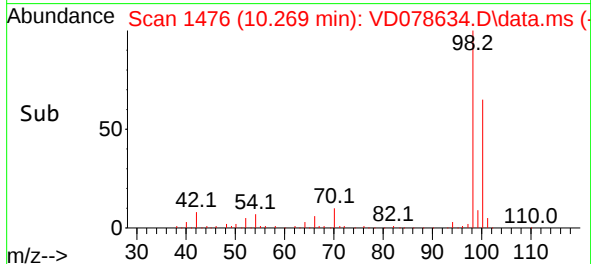
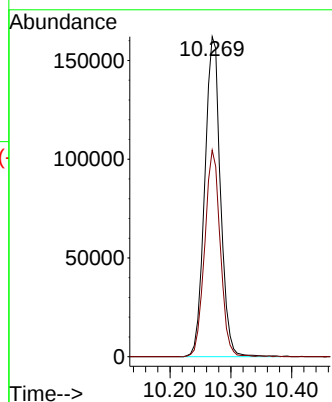
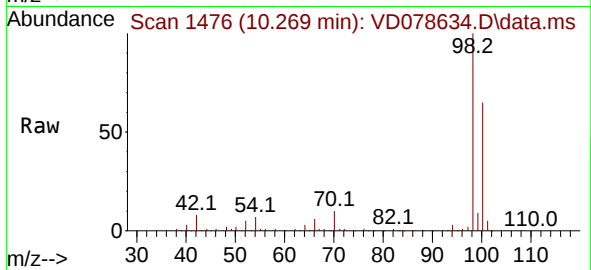




#50
Toluene-d8
Concen: 52.739 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39

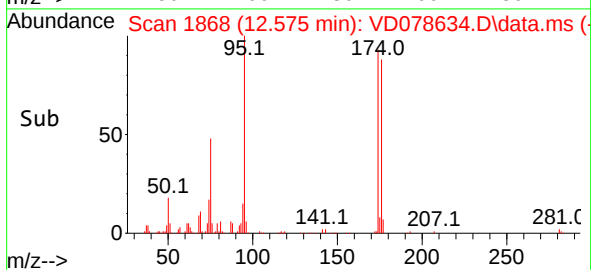
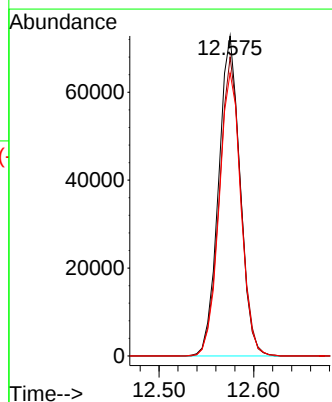
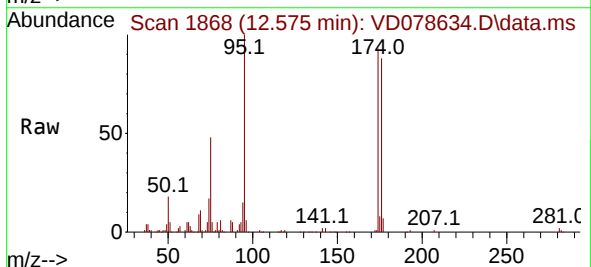
Instrument :
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VD0312SBL01

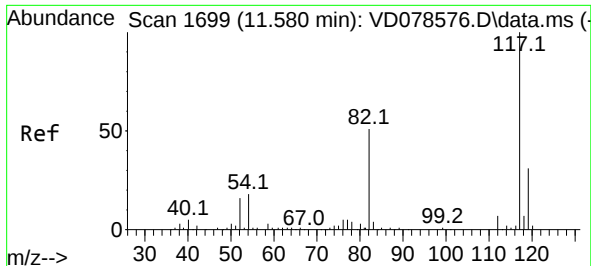
Tgt Ion: 98 Resp: 289704
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 73.044 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39

Tgt Ion: 95 Resp: 114602
Ion Ratio Lower Upper
95 100
174 93.4 0.0 201.8
176 89.9 0.0 191.8

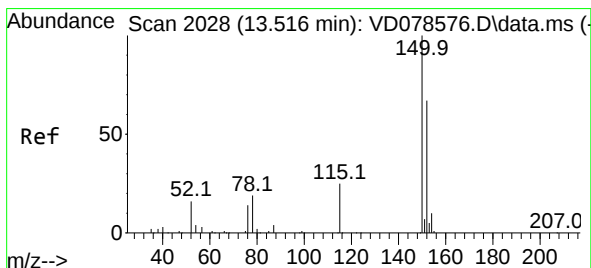
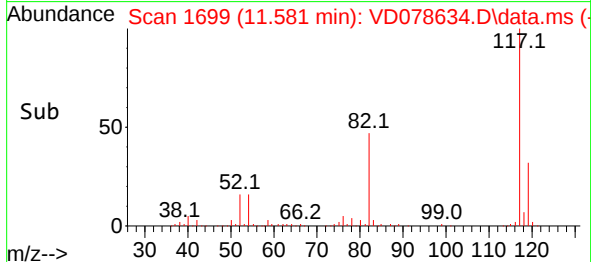
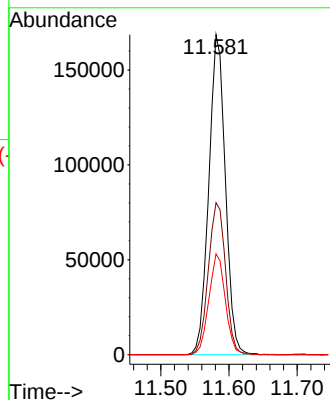
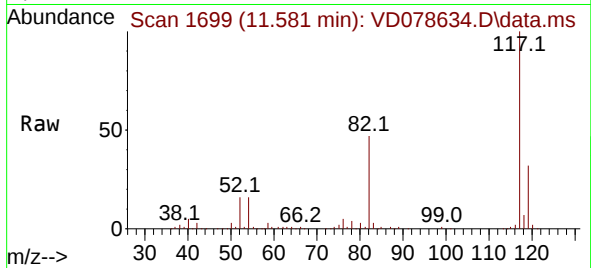




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39

Instrument :
MSVOA_D
ClientSampleId :
VD0312SBL01

Tgt Ion:117 Resp: 284833
Ion Ratio Lower Upper
117 100
82 47.5 38.3 57.5
119 31.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078634.D
Acq: 12 Mar 2024 10:39

Tgt Ion:152 Resp: 146970
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 157.9 0.0 353.6

