

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078367.D
 Acq On : 08 Feb 2024 14:09
 Operator : RP/MD
 Sample : VD0208SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0208SBL01

Quant Time: Feb 09 03:08:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	130876	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	265444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	282108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	131219	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73332	45.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.520%
35) Dibromofluoromethane	7.811	113	85541	45.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.540%
50) Toluene-d8	10.269	98	328991	45.982	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.960%
62) 4-Bromofluorobenzene	12.575	95	114731	53.546	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.100%

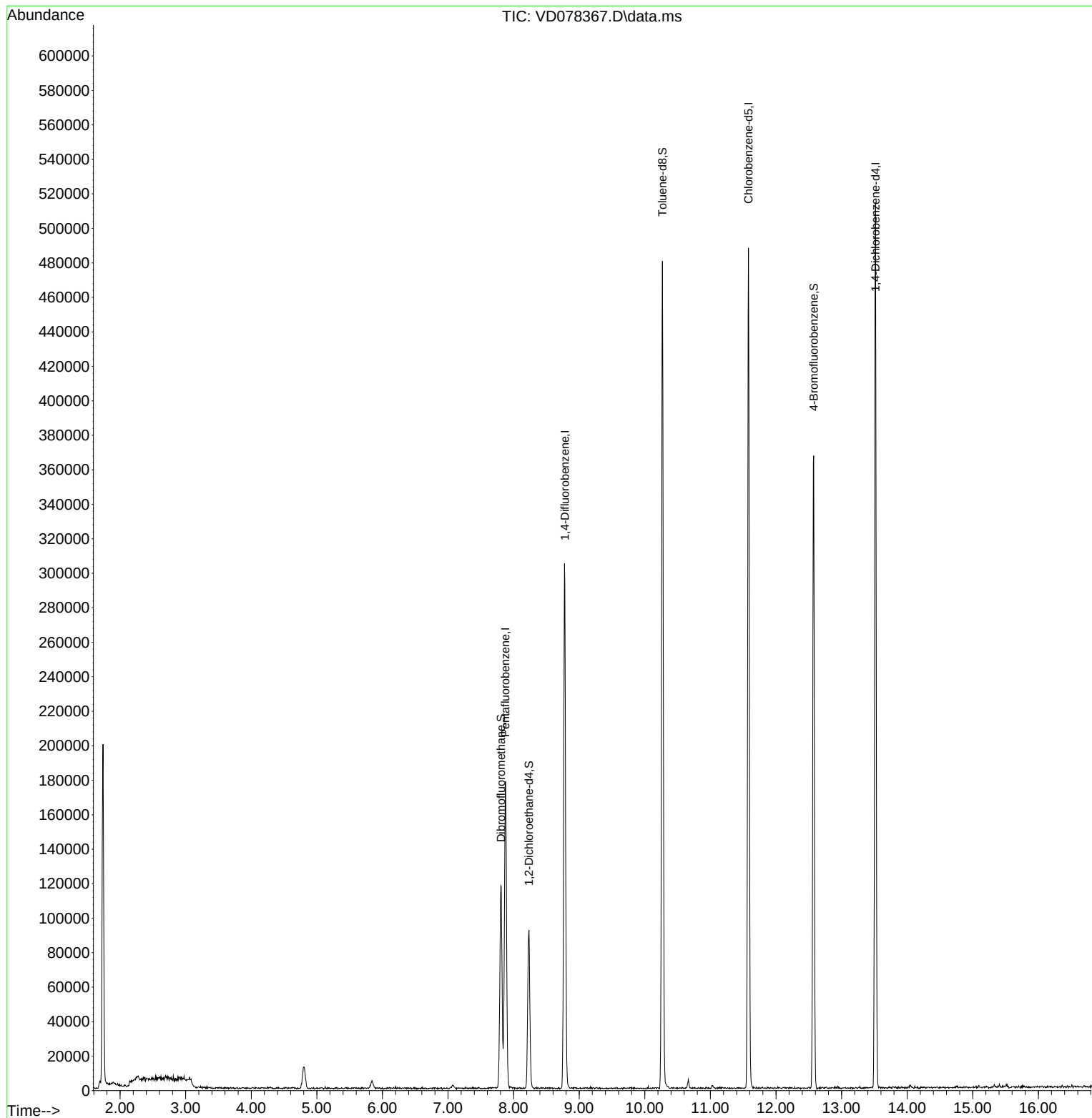
Target Compounds	Qvalue

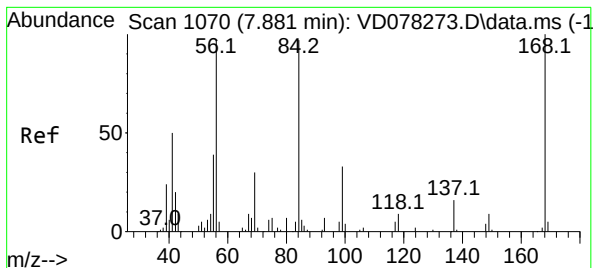
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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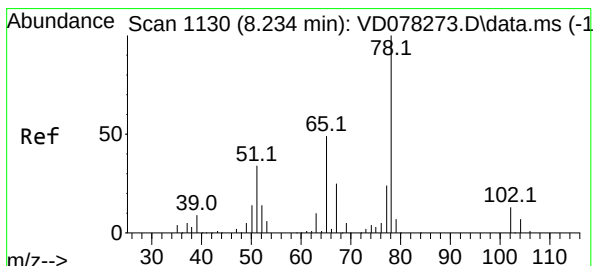
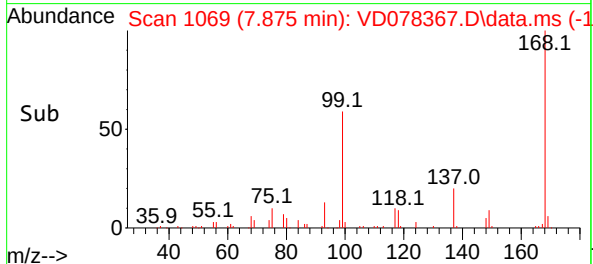
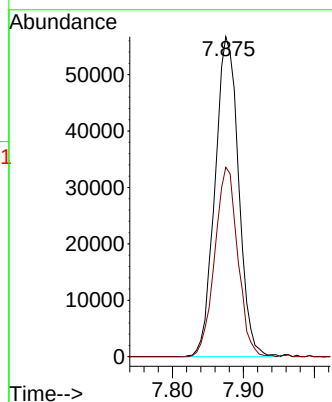
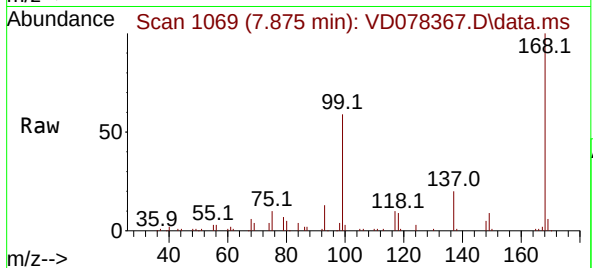




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078367.D
Acq: 08 Feb 2024 14:09

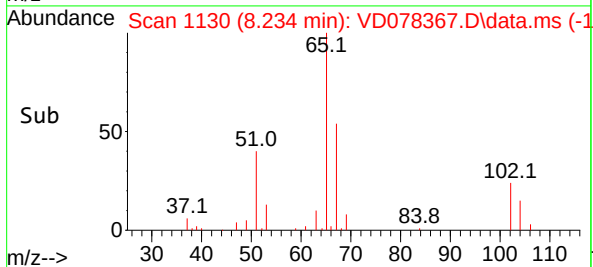
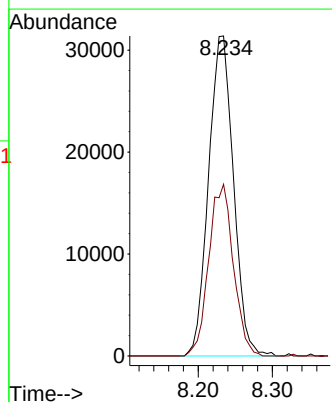
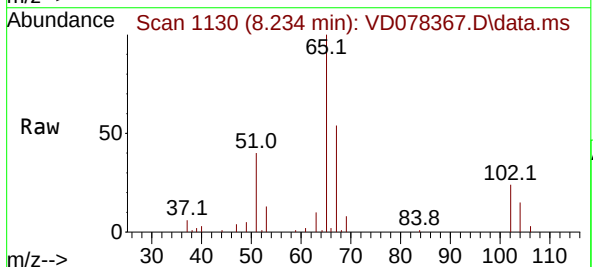
Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

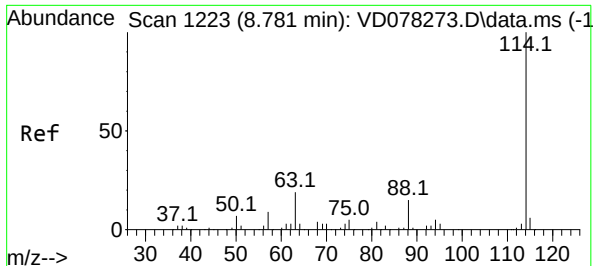
Tgt Ion:168 Resp: 130876
Ion Ratio Lower Upper
168 100
99 59.2 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 45.262 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078367.D
Acq: 08 Feb 2024 14:09

Tgt Ion: 65 Resp: 73332
Ion Ratio Lower Upper
65 100
67 53.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078367.D

Acq: 08 Feb 2024 14:09

Instrument :

MSVOA_D

ClientSampleId :

VD0208SBL01

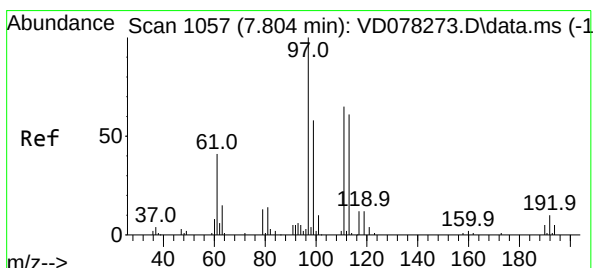
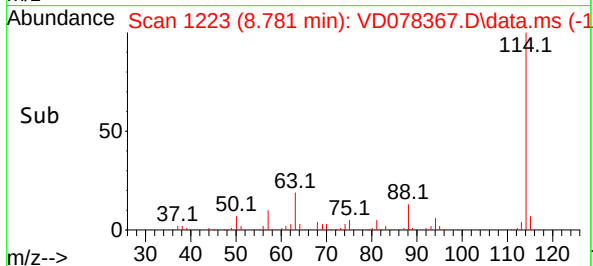
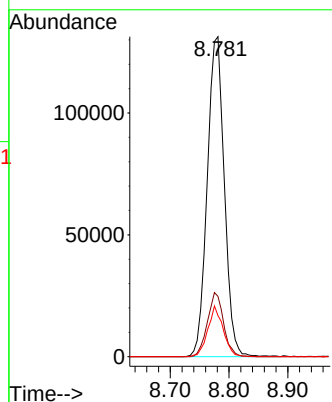
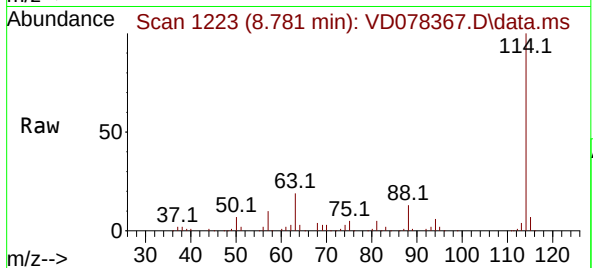
Tgt Ion:114 Resp: 265444

Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 12.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 45.265 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078367.D

Acq: 08 Feb 2024 14:09

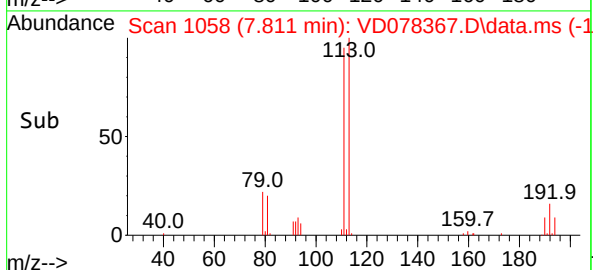
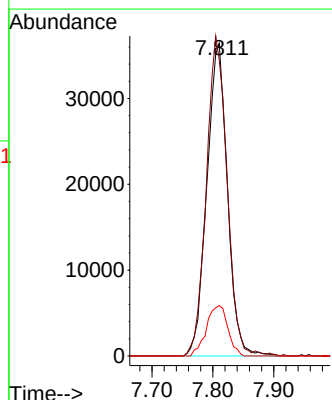
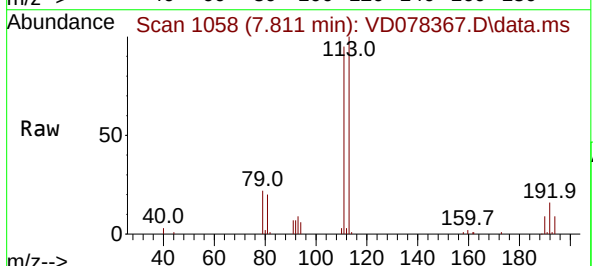
Tgt Ion:113 Resp: 85541

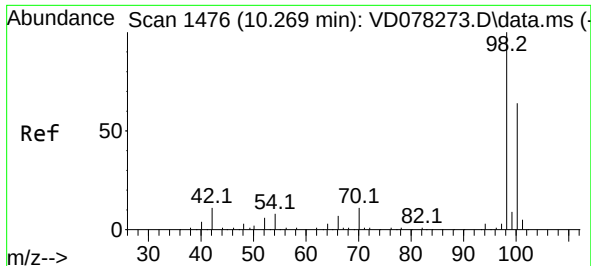
Ion Ratio Lower Upper

113 100

111 103.0 84.7 127.1

192 16.7 16.8 25.2#

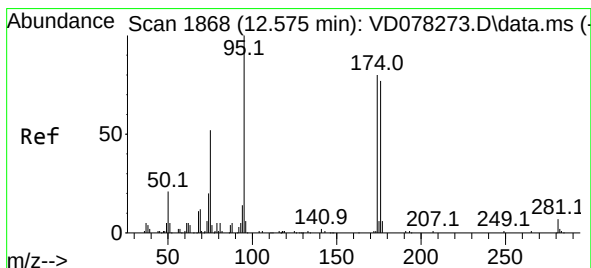
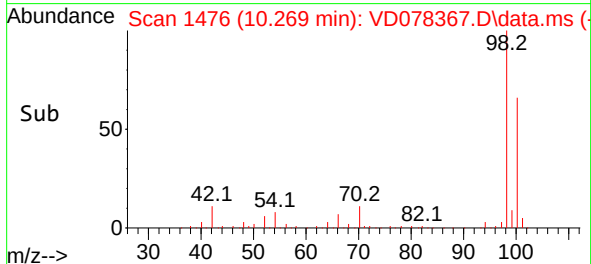
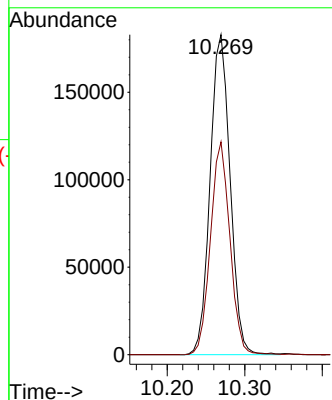
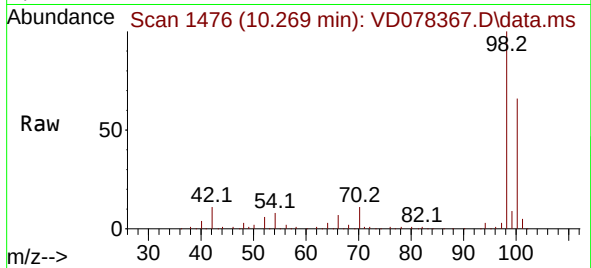




#50
Toluene-d8
Concen: 45.982 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078367.D
Acq: 08 Feb 2024 14:09

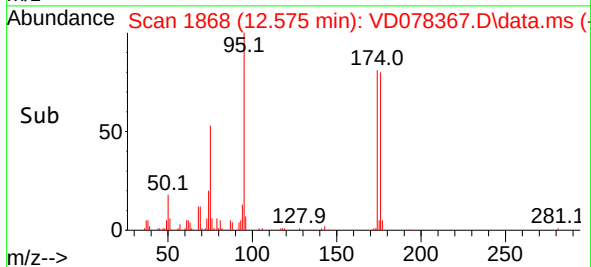
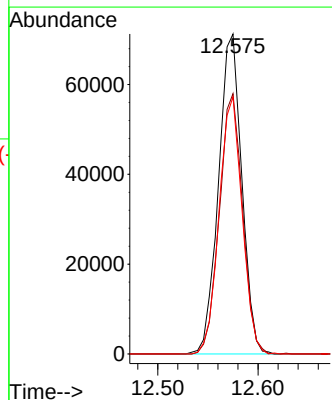
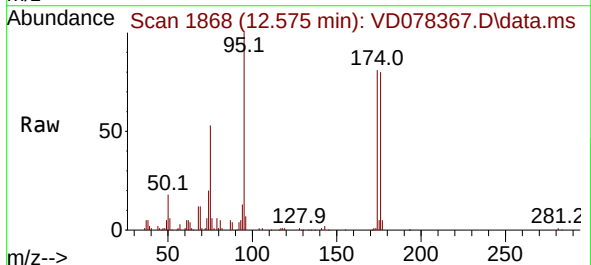
Instrument :
MSVOA_D
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VD0208SBL01

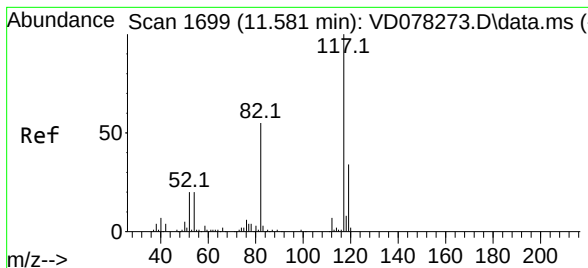
Tgt Ion: 98 Resp: 328991
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 53.546 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078367.D
Acq: 08 Feb 2024 14:09

Tgt Ion: 95 Resp: 114731
Ion Ratio Lower Upper
95 100
174 80.9 0.0 201.8
176 79.4 0.0 191.8

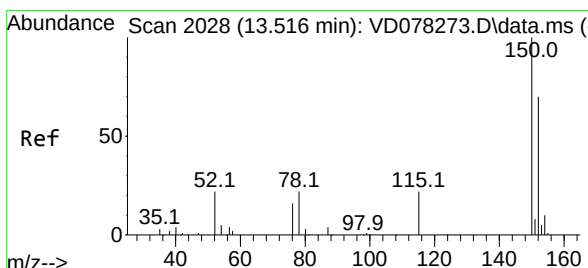
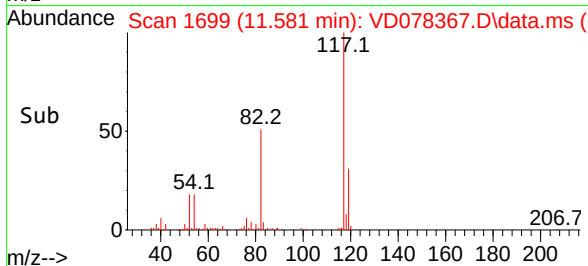
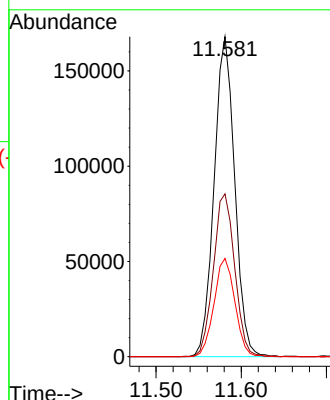
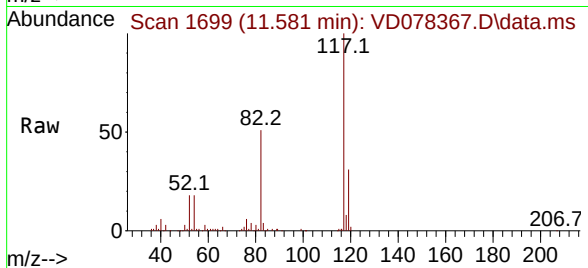




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078367.D
Acq: 08 Feb 2024 14:09

Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

Tgt Ion:117 Resp: 282108
Ion Ratio Lower Upper
117 100
82 50.9 38.3 57.5
119 30.7 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: VD078367.D
Acq: 08 Feb 2024 14:09

Tgt Ion:152 Resp: 131219
Ion Ratio Lower Upper
152 100
115 57.9 27.1 81.3
150 155.7 0.0 353.6

