

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030824\
 Data File : VD078616.D
 Acq On : 08 Mar 2024 11:57
 Operator : RP/MD
 Sample : VD0308SBL03
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0308SBL03

Quant Time: Mar 09 02:32:29 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	7.881	168	105401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	194451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	183044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	78228	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	55046	52.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.360%
35) Dibromofluoromethane	7.804	113	60201	47.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.180%
50) Toluene-d8	10.269	98	214289	43.598	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.200%
62) 4-Bromofluorobenzene	12.569	95	55923	39.836	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.680%

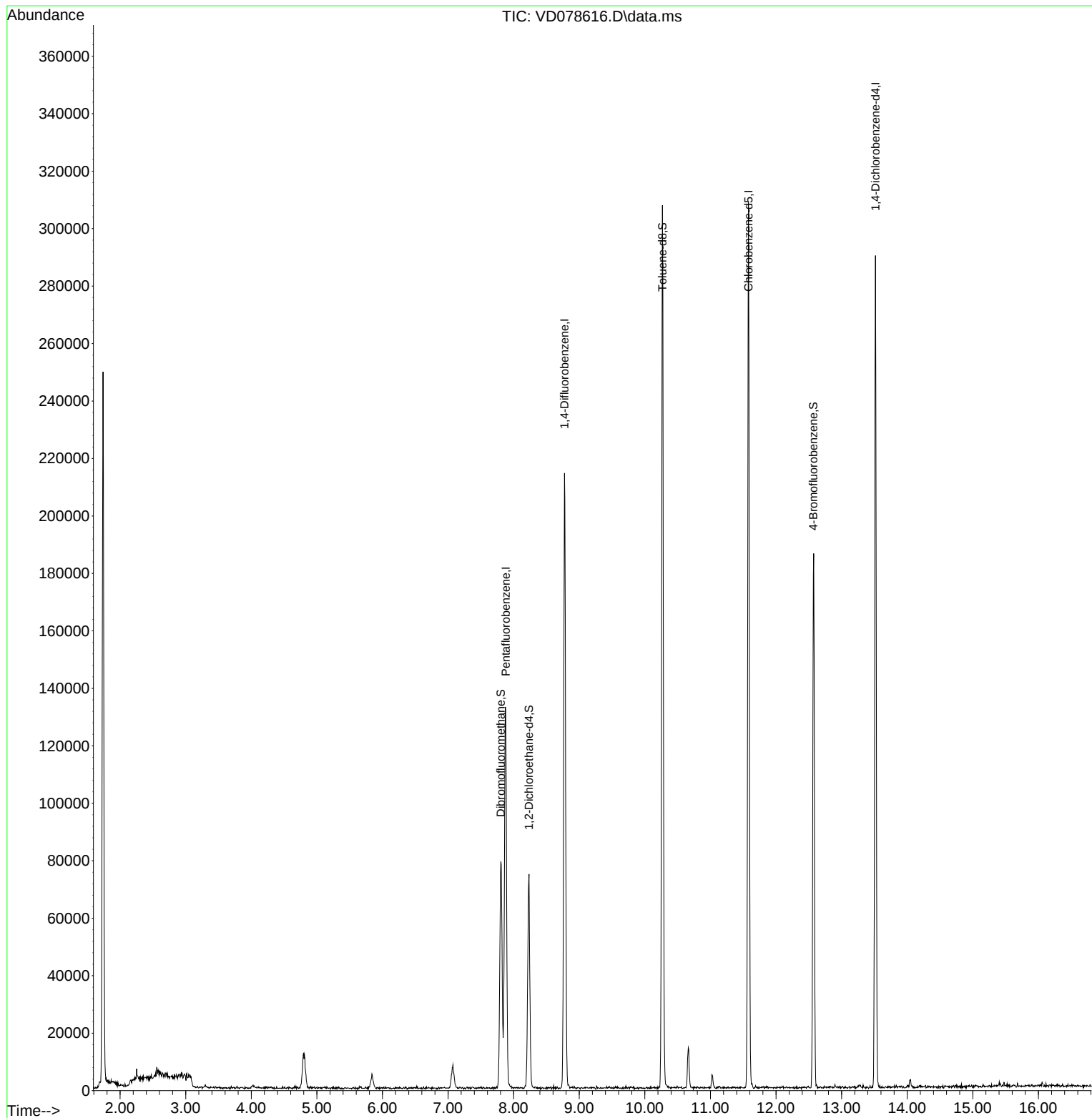
Target Compounds	Qvalue

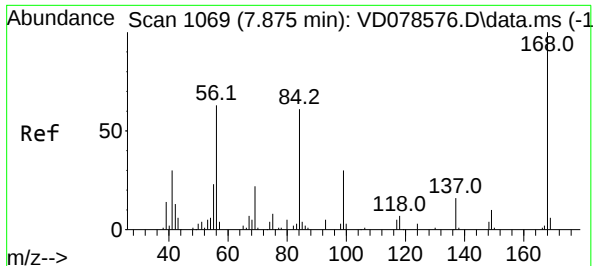
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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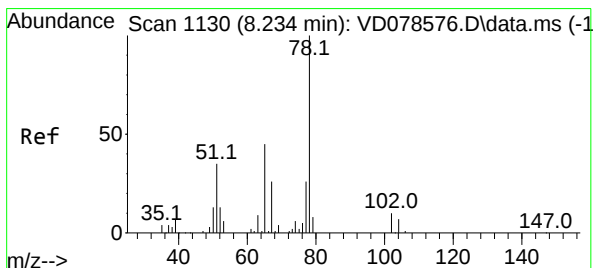
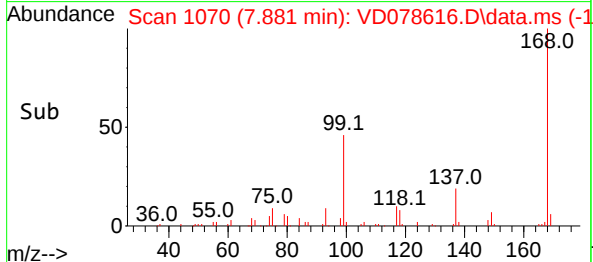
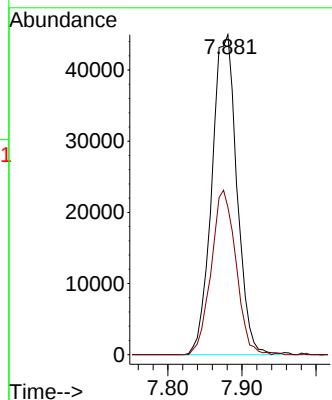
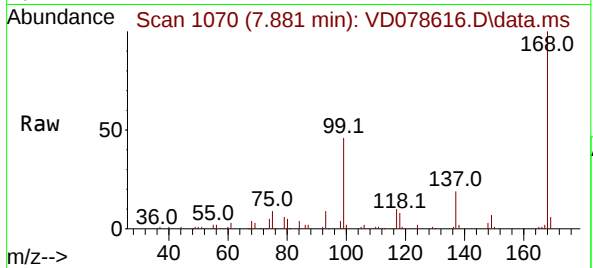




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078616.D
Acq: 08 Mar 2024 11:57

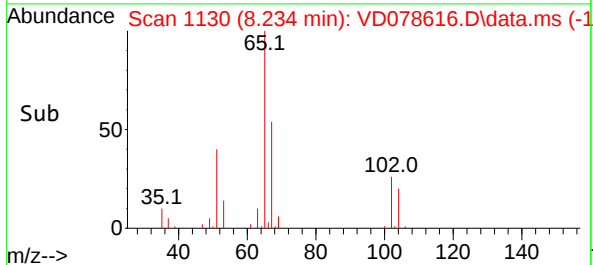
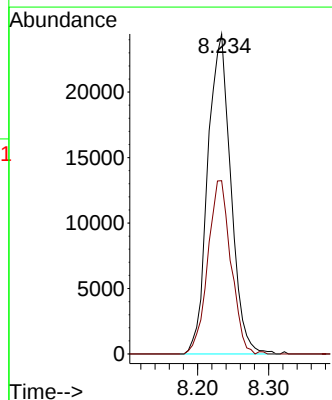
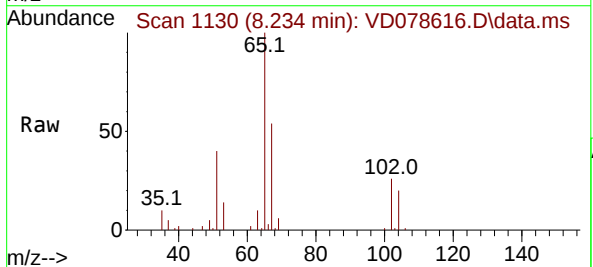
Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL03

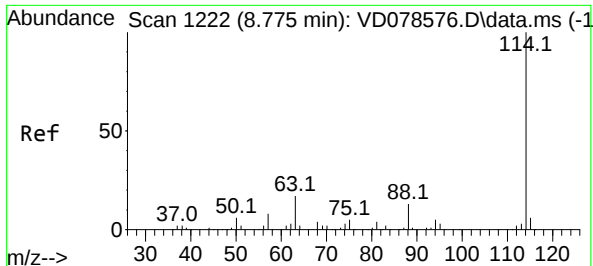
Tgt Ion:168 Resp: 105401
Ion Ratio Lower Upper
168 100
99 46.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 52.684 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078616.D
Acq: 08 Mar 2024 11:57

Tgt Ion: 65 Resp: 55046
Ion Ratio Lower Upper
65 100
67 54.4 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: VD078616.D

Acq: 08 Mar 2024 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0308SBL03

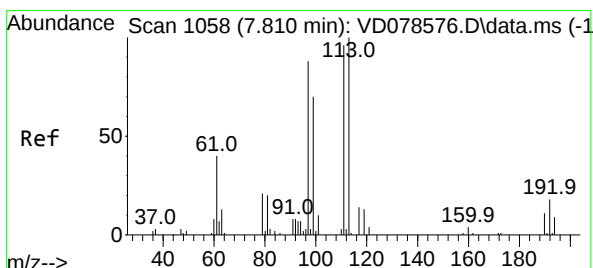
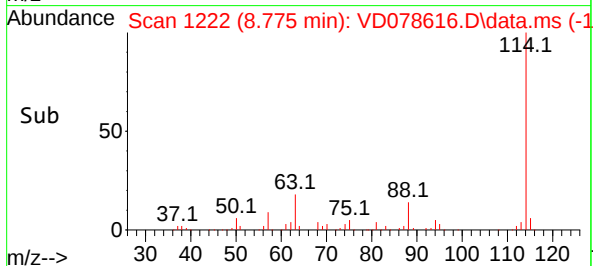
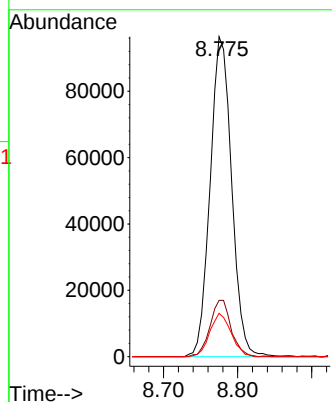
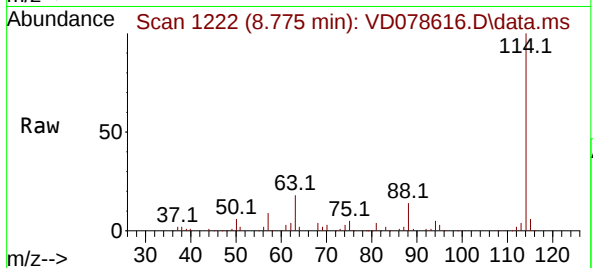
Tgt Ion:114 Resp: 194451

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 13.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.594 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078616.D

Acq: 08 Mar 2024 11:57

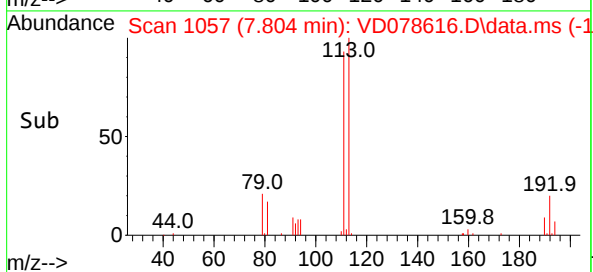
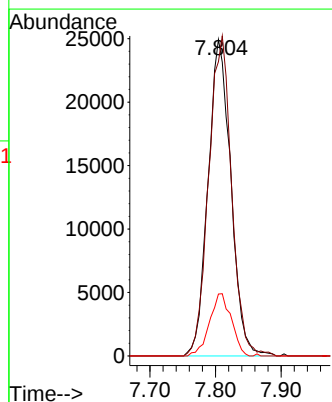
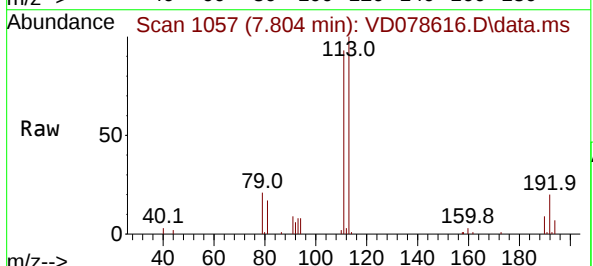
Tgt Ion:113 Resp: 60201

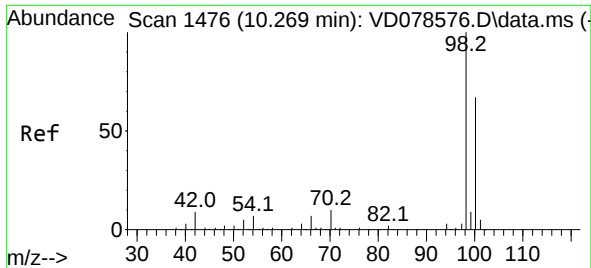
Ion Ratio Lower Upper

113 100

111 101.6 84.7 127.1

192 18.8 16.8 25.2

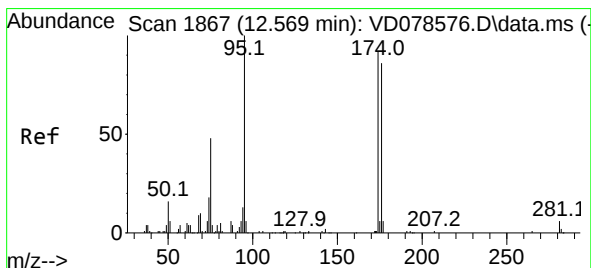
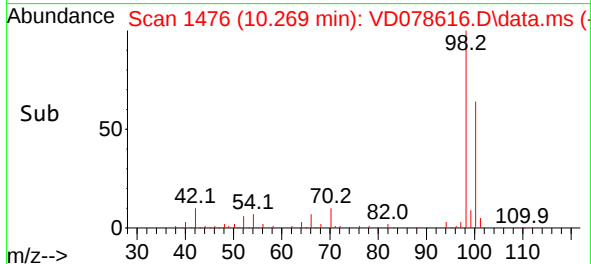
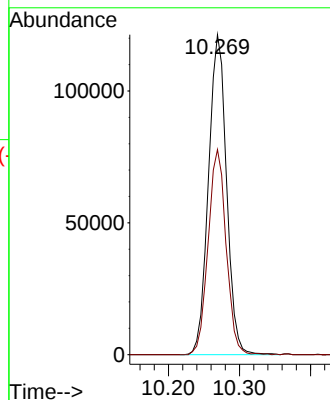
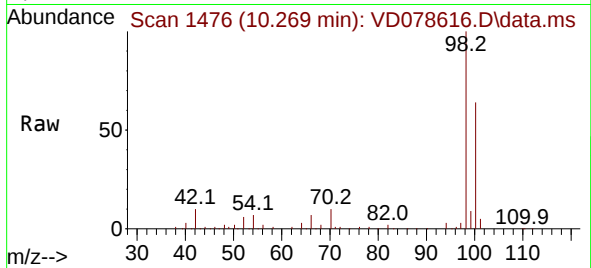




#50
Toluene-d8
Concen: 43.598 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078616.D
Acq: 08 Mar 2024 11:57

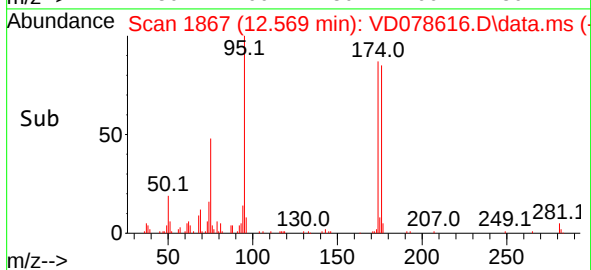
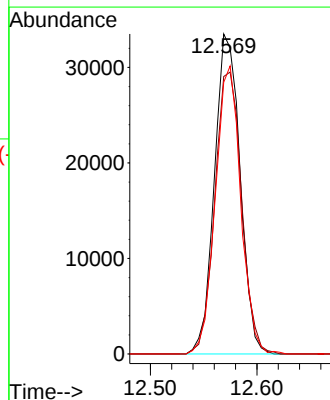
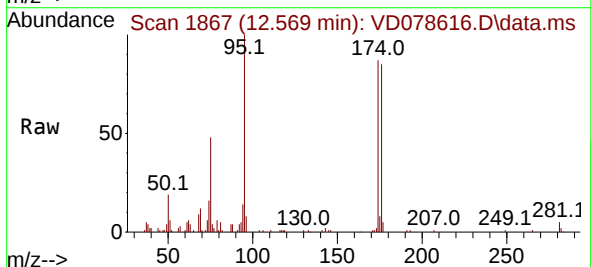
Instrument :
MSVOA_D
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VD0308SBL03

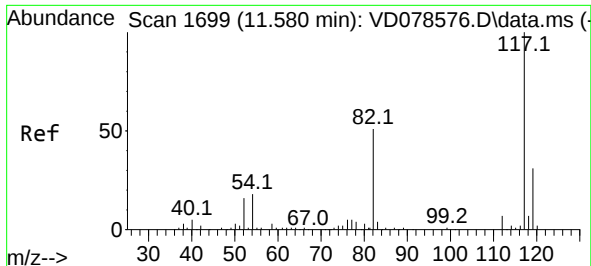
Tgt Ion: 98 Resp: 214289
Ion Ratio Lower Upper
98 100
100 64.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 39.836 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078616.D
Acq: 08 Mar 2024 11:57

Tgt Ion: 95 Resp: 55923
Ion Ratio Lower Upper
95 100
174 92.1 0.0 201.8
176 89.0 0.0 191.8

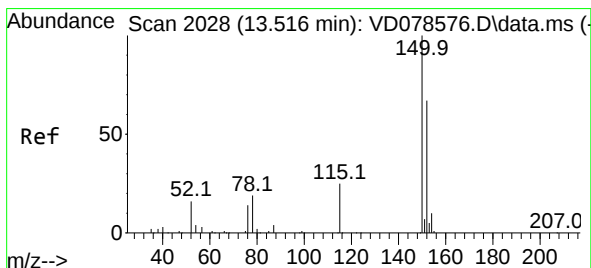
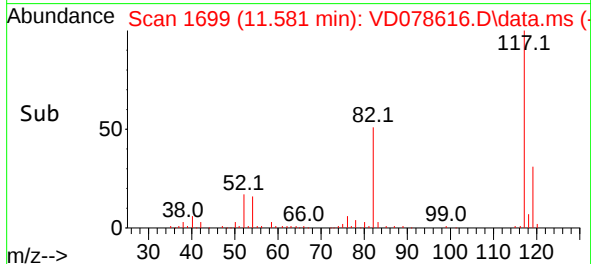
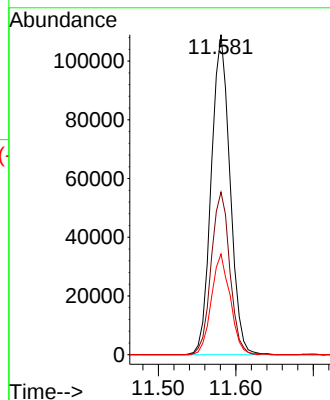
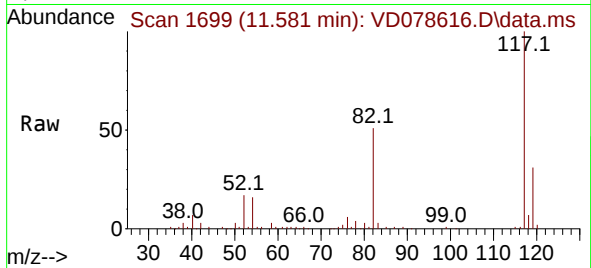




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078616.D
Acq: 08 Mar 2024 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0308SBL03

Tgt Ion:117 Resp: 183044
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 31.4 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: VD078616.D
Acq: 08 Mar 2024 11:57

Tgt Ion:152 Resp: 78228
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 156.0 0.0 353.6

