

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
 Data File : VD078625.D
 Acq On : 11 Mar 2024 11:39
 Operator : RP/MD
 Sample : VD0311SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0311SBL01

Quant Time: Mar 12 01:35:52 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	92646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	197536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	260605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138473	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	44266	48.200	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.400%
35) Dibromofluoromethane	7.805	113	66508	51.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.520%
50) Toluene-d8	10.269	98	254516	50.973	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.940%
62) 4-Bromofluorobenzene	12.575	95	104125	73.013	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	146.020%#

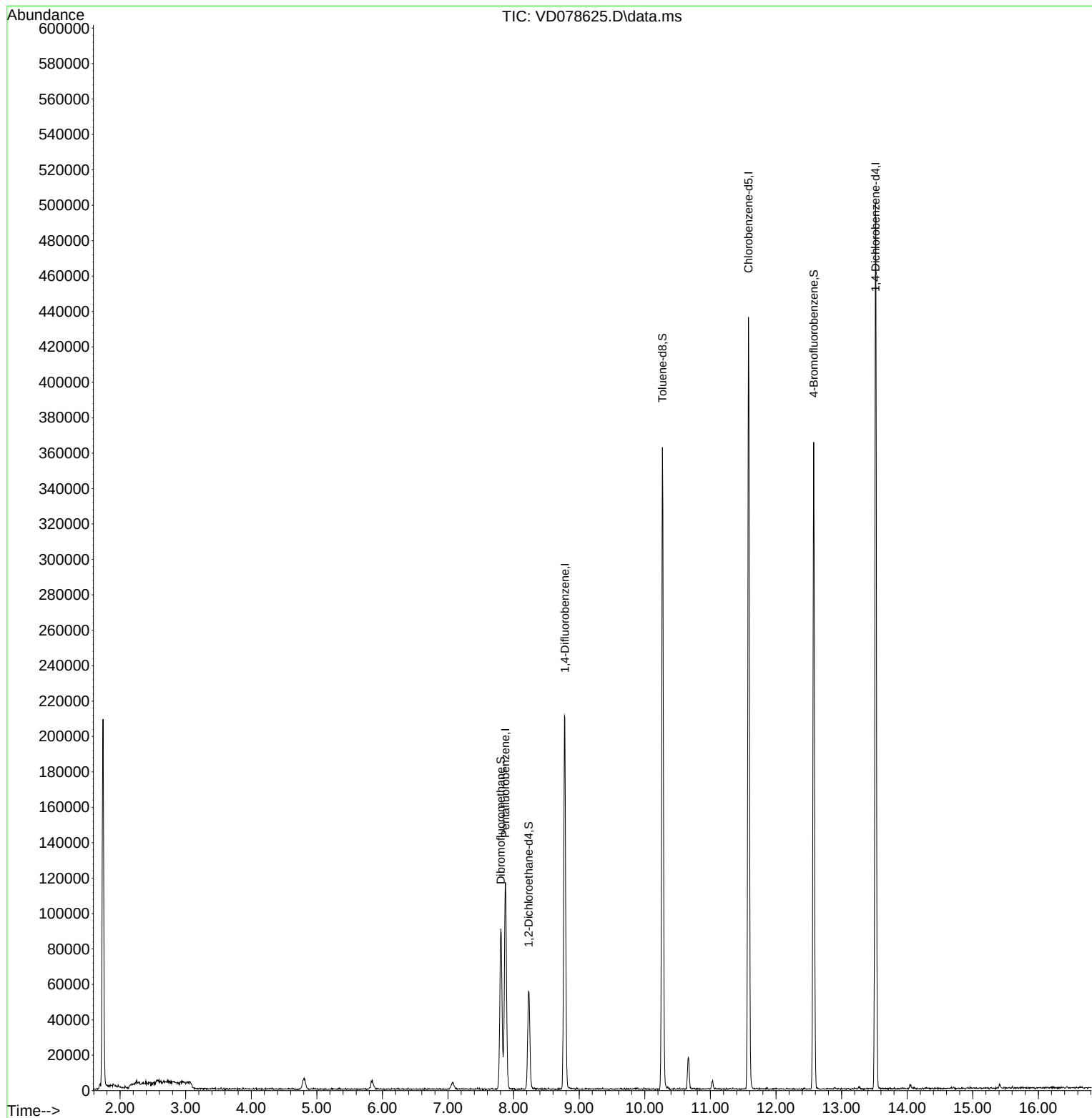
Target Compounds	Qvalue

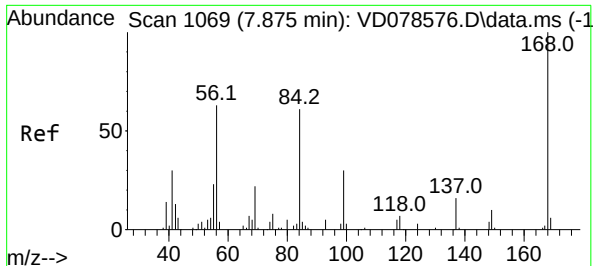
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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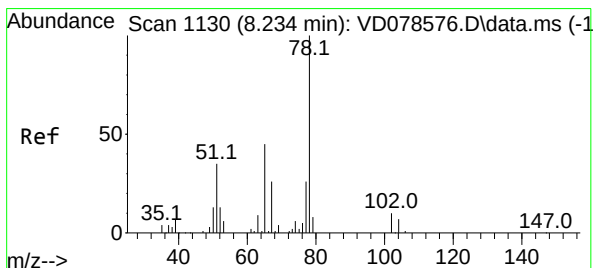
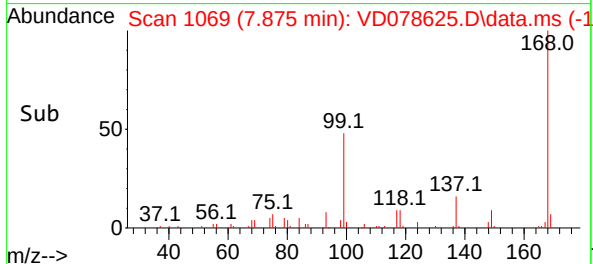
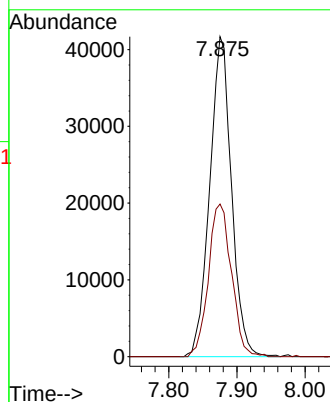
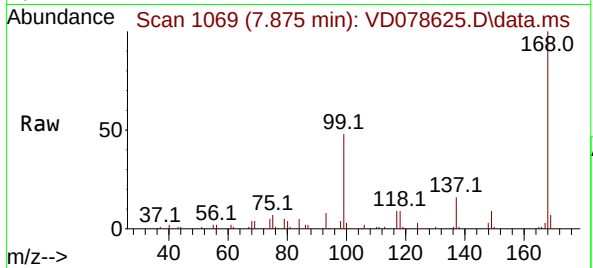




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD078625.D
Acq: 11 Mar 2024 11:39

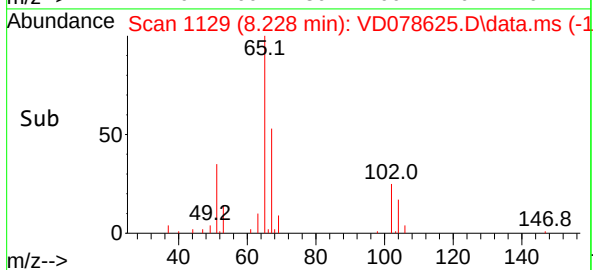
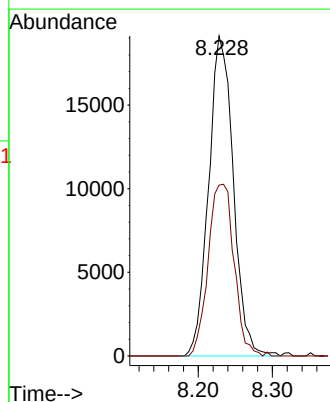
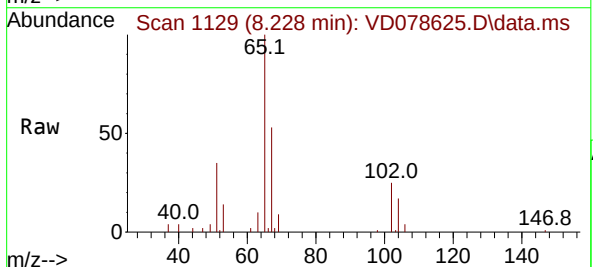
Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

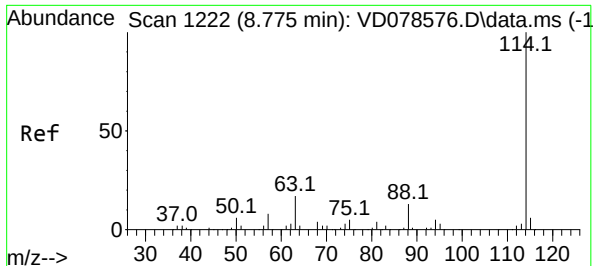
Tgt Ion:168 Resp: 92646
Ion Ratio Lower Upper
168 100
99 47.7 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 48.200 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.005 min
Lab File: VD078625.D
Acq: 11 Mar 2024 11:39

Tgt Ion: 65 Resp: 44266
Ion Ratio Lower Upper
65 100
67 56.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078625.D

Acq: 11 Mar 2024 11:39

Instrument :

MSVOA_D

ClientSampleId :

VD0311SBL01

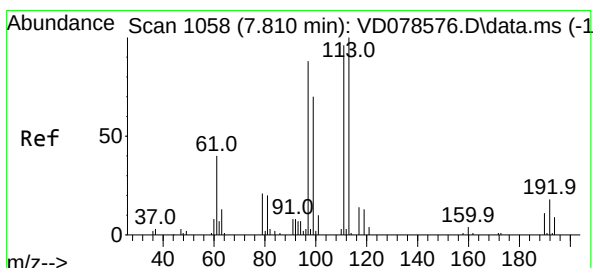
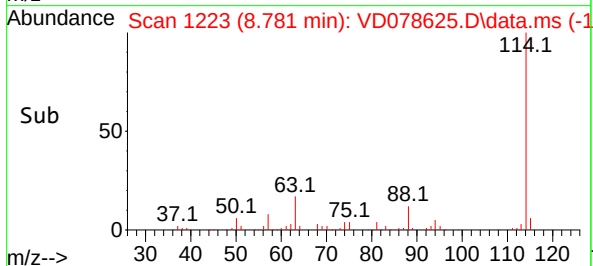
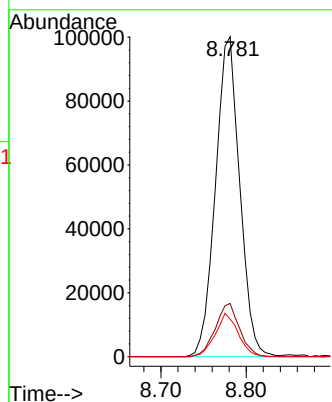
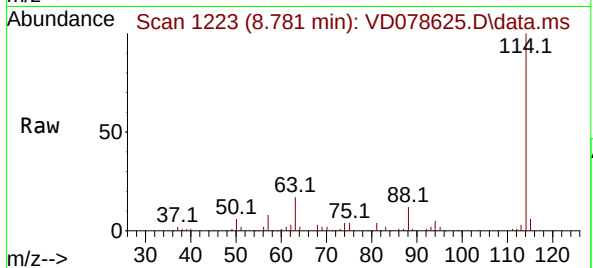
Tgt Ion:114 Resp: 197536

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

88 11.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.759 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD078625.D

Acq: 11 Mar 2024 11:39

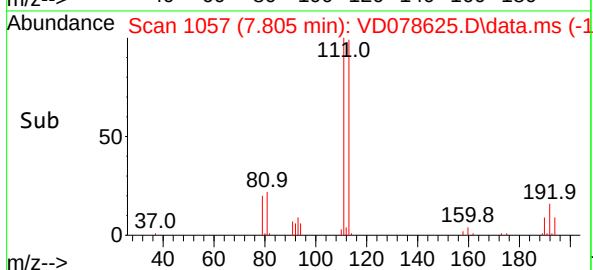
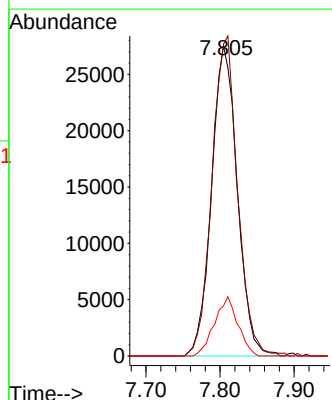
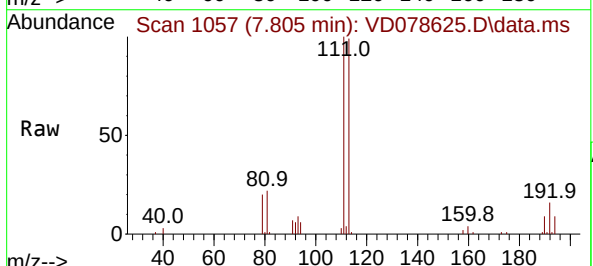
Tgt Ion:113 Resp: 66508

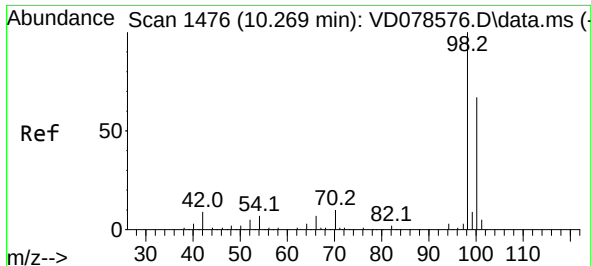
Ion Ratio Lower Upper

113 100

111 102.4 84.7 127.1

192 17.3 16.8 25.2

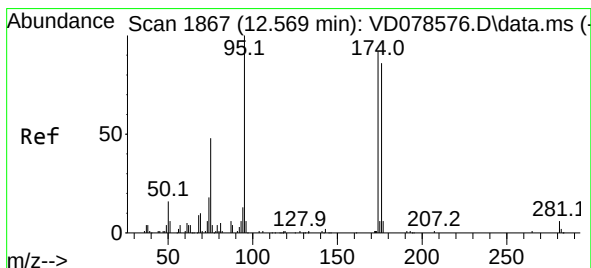
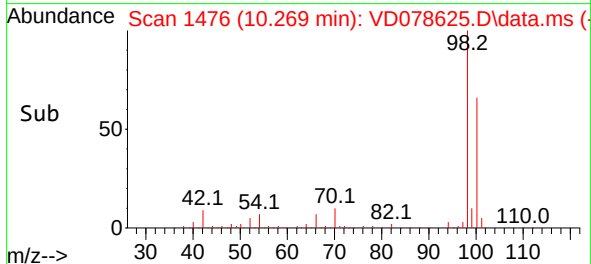
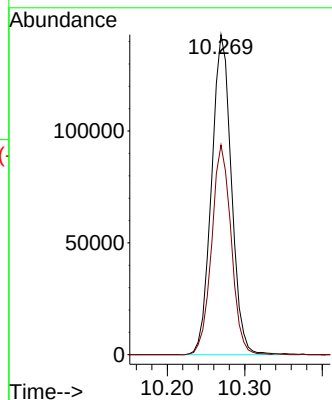
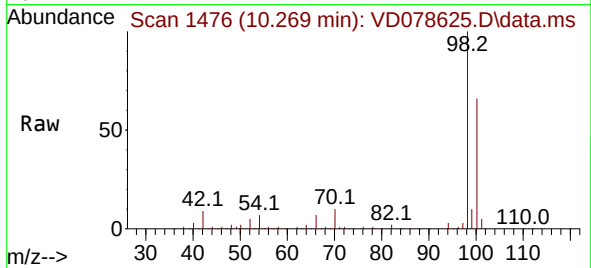




#50
Toluene-d8
Concen: 50.973 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078625.D
Acq: 11 Mar 2024 11:39

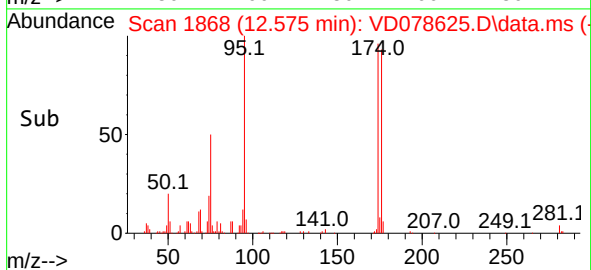
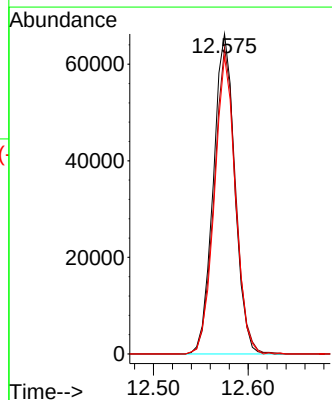
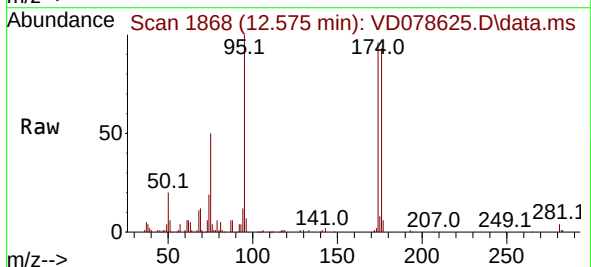
Instrument :
MSVOA_D
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VD0311SBL01

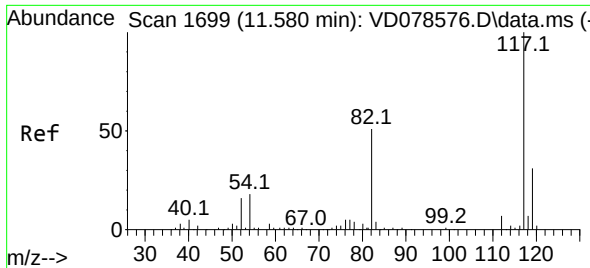
Tgt Ion: 98 Resp: 254516
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 73.013 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078625.D
Acq: 11 Mar 2024 11:39

Tgt Ion: 95 Resp: 104125
Ion Ratio Lower Upper
95 100
174 95.9 0.0 201.8
176 91.3 0.0 191.8

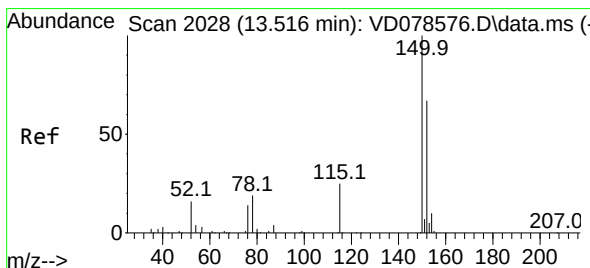
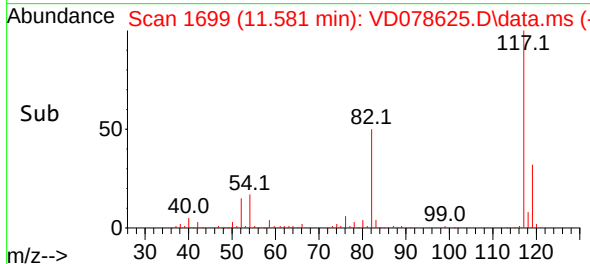
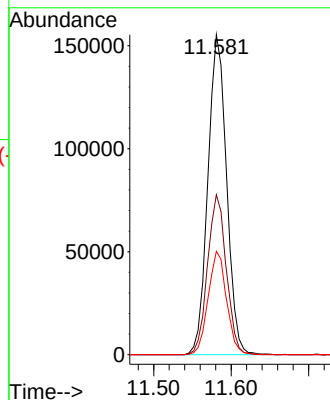
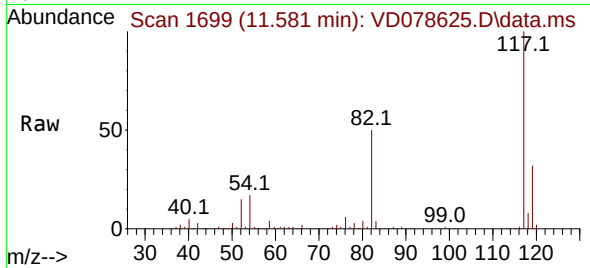




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078625.D
Acq: 11 Mar 2024 11:39

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBL01

Tgt Ion:117 Resp: 260605
Ion Ratio Lower Upper
117 100
82 50.0 38.3 57.5
119 32.3 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: VD078625.D
Acq: 11 Mar 2024 11:39

Tgt Ion:152 Resp: 138473
Ion Ratio Lower Upper
152 100
115 53.5 27.1 81.3
150 158.5 0.0 353.6

