

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078669.D
 Acq On : 14 Mar 2024 16:23
 Operator : RP/MD
 Sample : P1733-03RE
 Misc : 5.44G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-VOCRE

Quant Time: Mar 15 05:50:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	78844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	140948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	131558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	54148	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45188	61.156	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.320%
35) Dibromofluoromethane	7.805	113	49683	54.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.500%
50) Toluene-d8	10.269	98	165201	49.499	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.000%
62) 4-Bromofluorobenzene	12.575	95	45366	46.463	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.920%

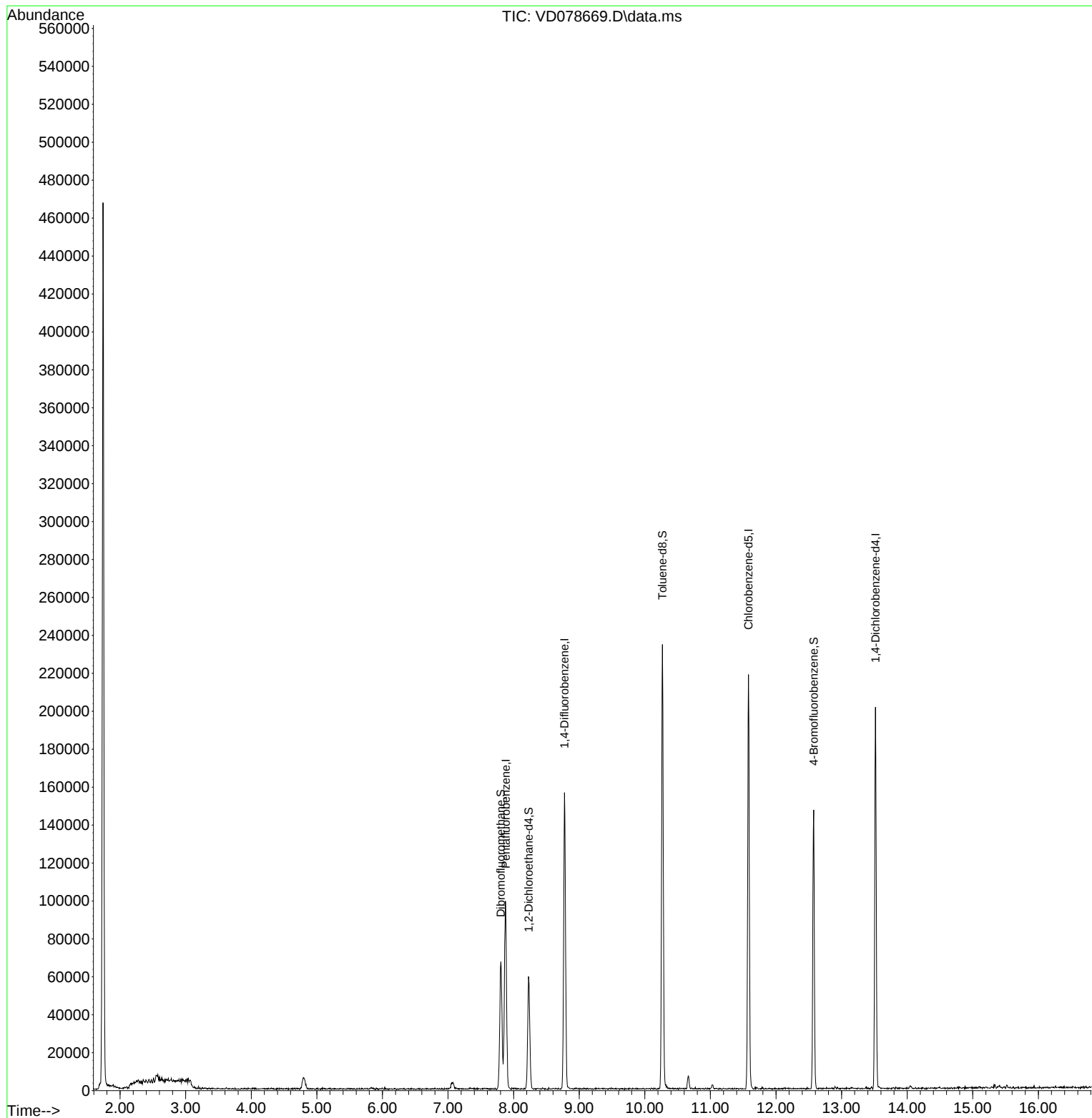
Target Compounds	Qvalue

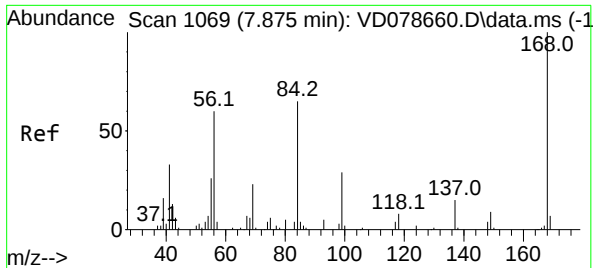
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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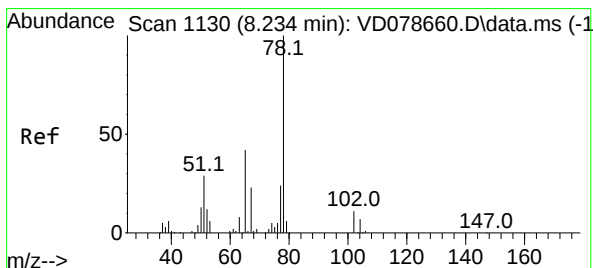
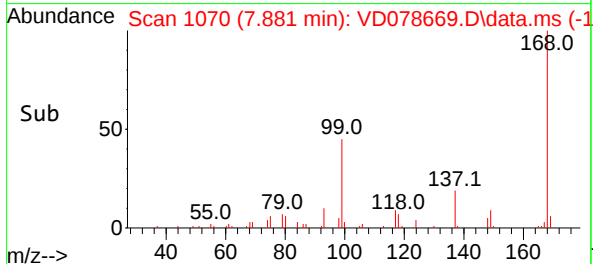
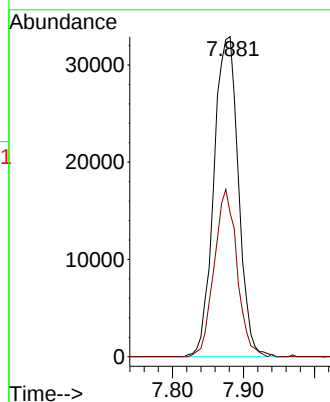
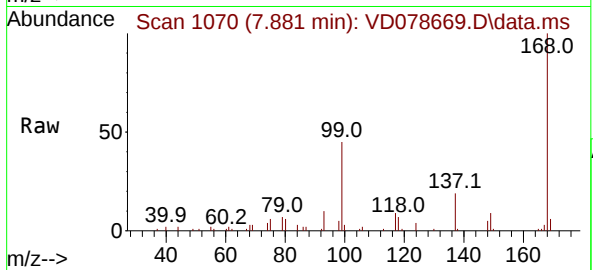




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

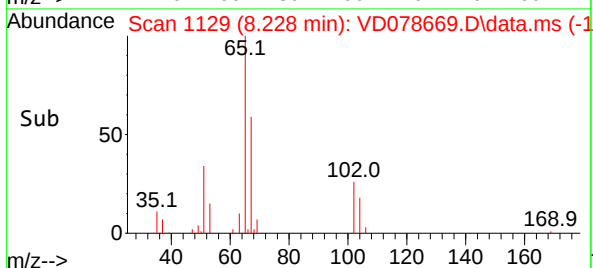
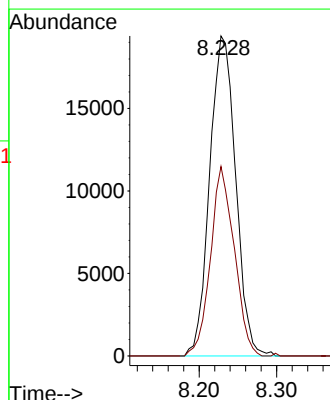
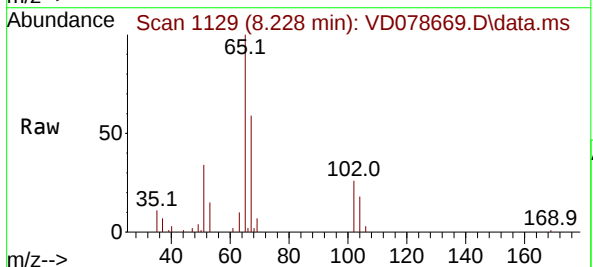
Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOCRE

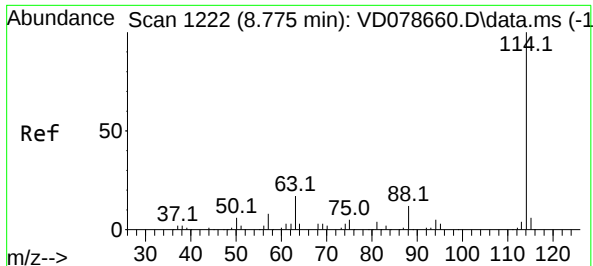
Tgt Ion:168 Resp: 78844
Ion Ratio Lower Upper
168 100
99 44.9 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 61.156 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

Tgt Ion: 65 Resp: 45188
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078669.D

Acq: 14 Mar 2024 16:23

Instrument :

MSVOA_D

ClientSampleId :

WC-1-VOCRE

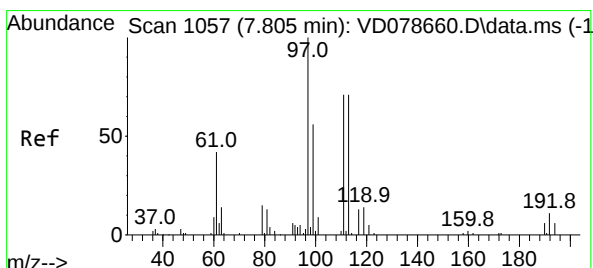
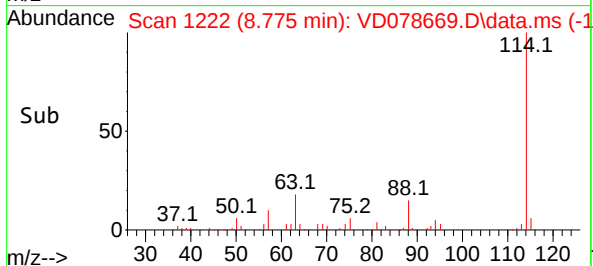
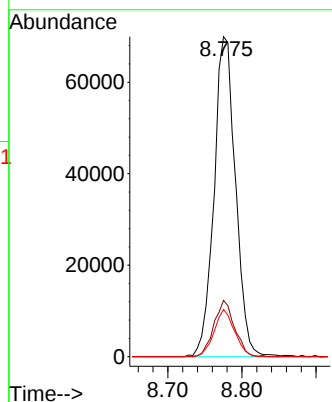
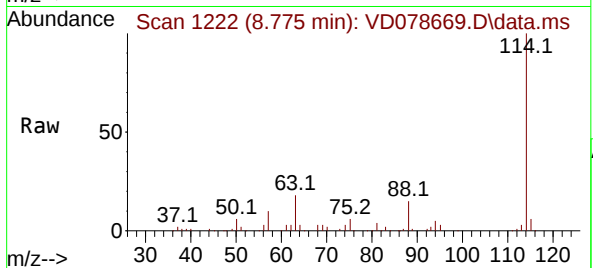
Tgt Ion:114 Resp: 140948

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 14.8 0.0 24.6



#35

Dibromofluoromethane

Concen: 54.748 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078669.D

Acq: 14 Mar 2024 16:23

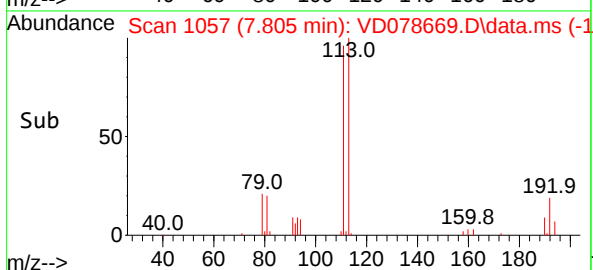
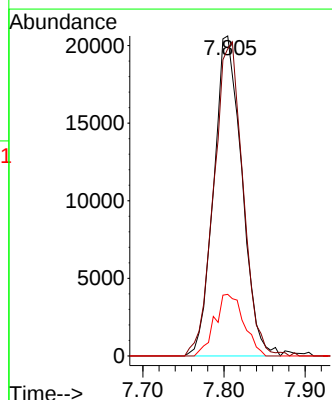
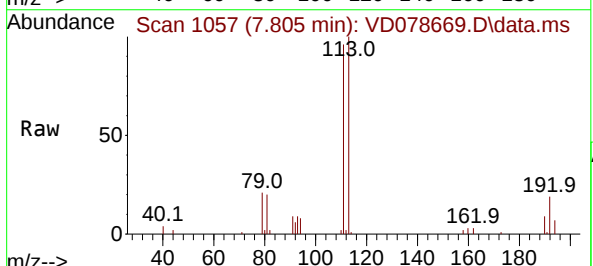
Tgt Ion:113 Resp: 49683

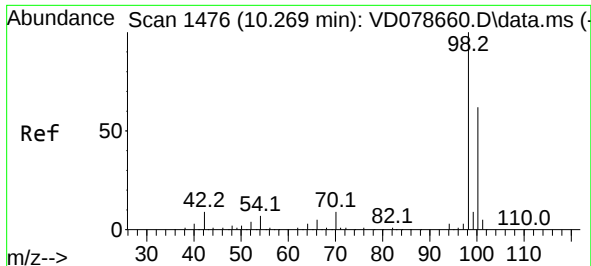
Ion Ratio Lower Upper

113 100

111 101.1 81.9 122.9

192 19.9 15.4 23.0

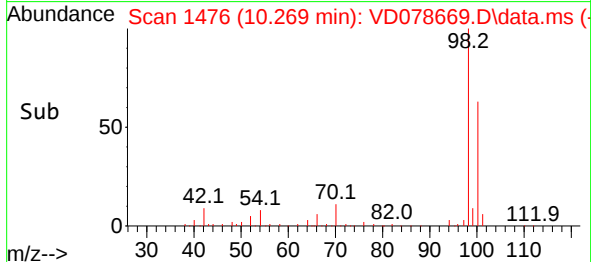
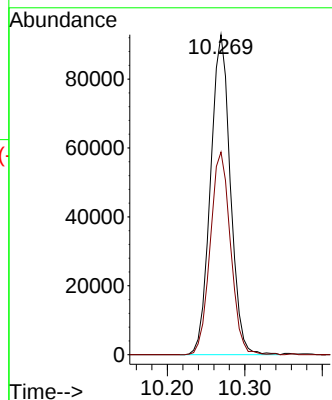
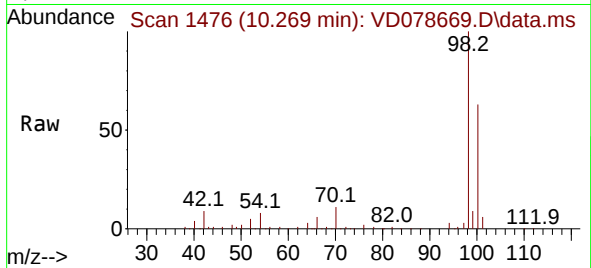




#50
Toluene-d8
Concen: 49.499 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

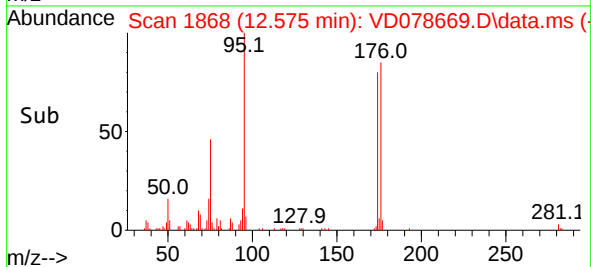
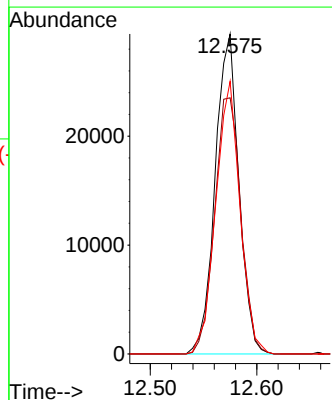
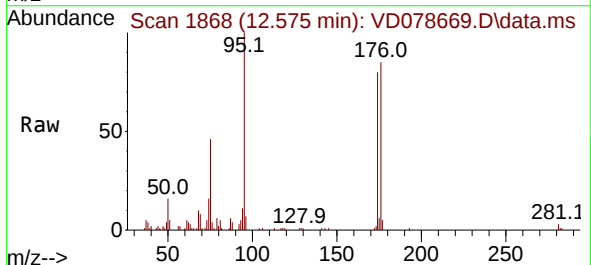
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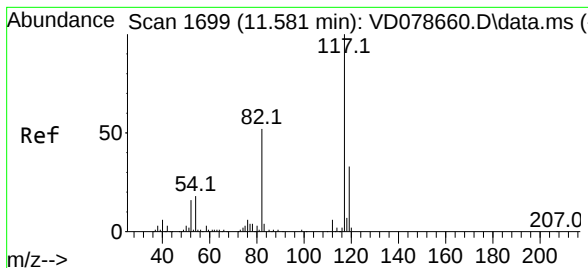
Tgt Ion: 98 Resp: 165201
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 46.463 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

Tgt Ion: 95 Resp: 45366
Ion Ratio Lower Upper
95 100
174 88.8 0.0 195.2
176 87.3 0.0 188.2

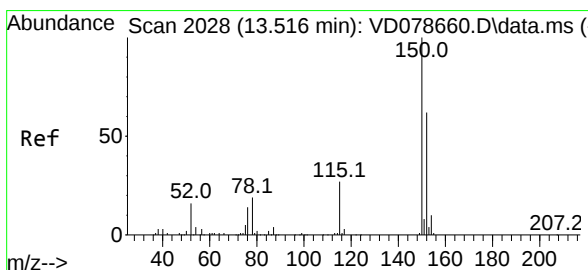
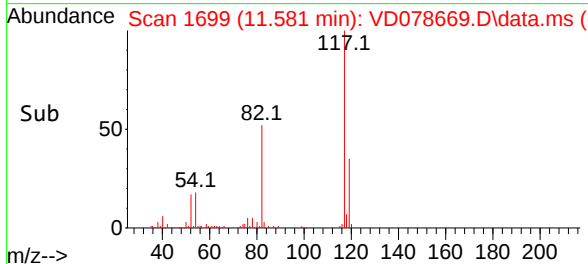
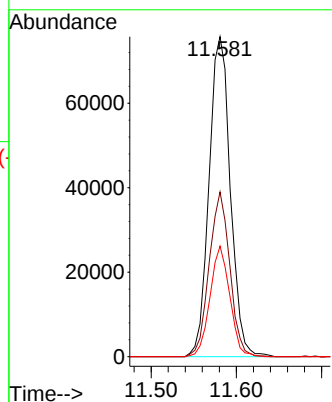
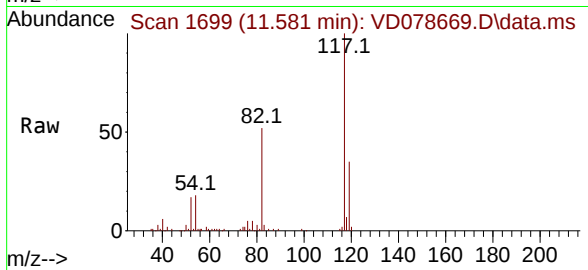




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

Instrument :
MSVOA_D
ClientSampleId :
WC-1-VOCRE

Tgt Ion:117 Resp: 131558
Ion Ratio Lower Upper
117 100
82 51.5 41.4 62.2
119 34.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078669.D
Acq: 14 Mar 2024 16:23

Tgt Ion:152 Resp: 54148
Ion Ratio Lower Upper
152 100
115 58.2 27.1 81.2
150 159.7 0.0 350.2

