

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078671.D
 Acq On : 14 Mar 2024 17:17
 Operator : RP/MD
 Sample : P1746-01
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-0-2.0

Quant Time: Mar 15 05:51:17 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	7.875	168	63808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	118421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	114043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	44431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44782	74.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 149.780%	
35) Dibromofluoromethane	7.805	113	46532	61.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.060%	
50) Toluene-d8	10.269	98	142475	50.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	12.575	95	37270	45.432	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.860%	

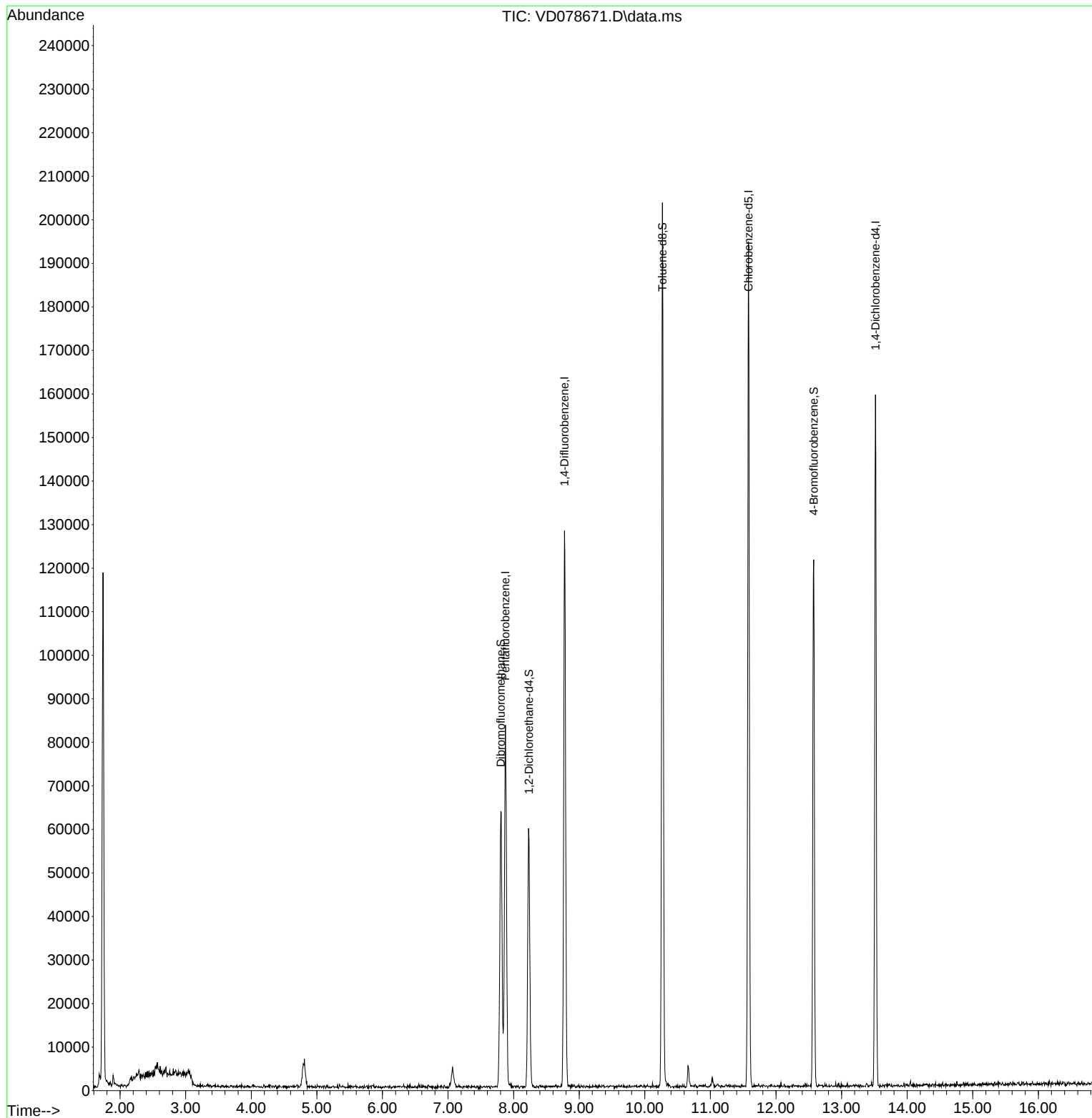
Target Compounds	Qvalue

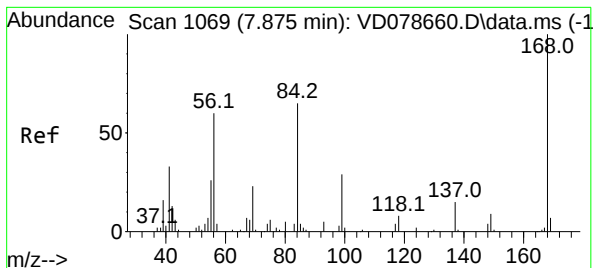
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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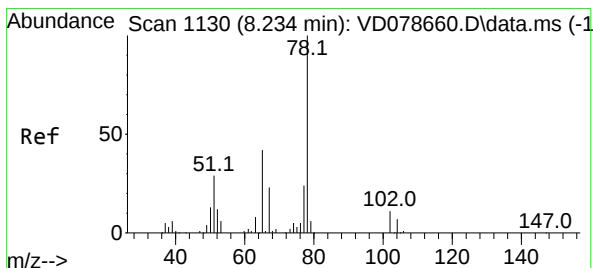
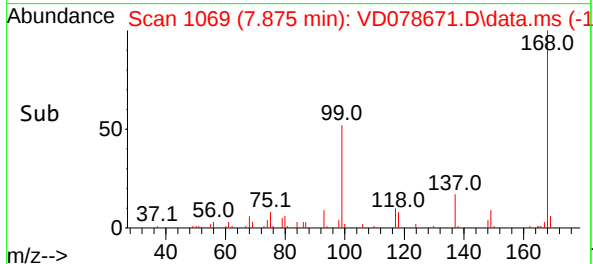
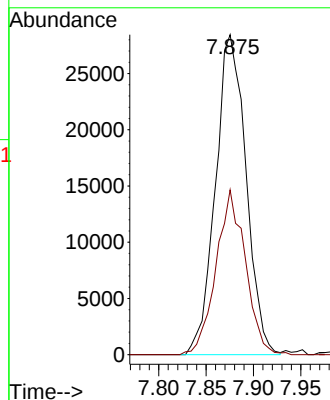
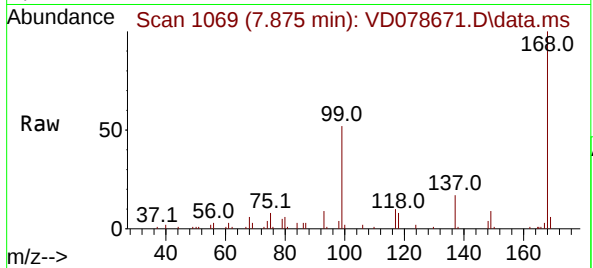




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078671.D
Acq: 14 Mar 2024 17:17

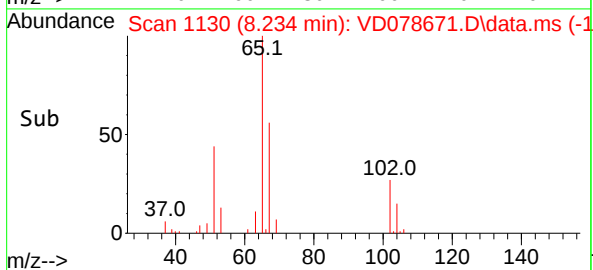
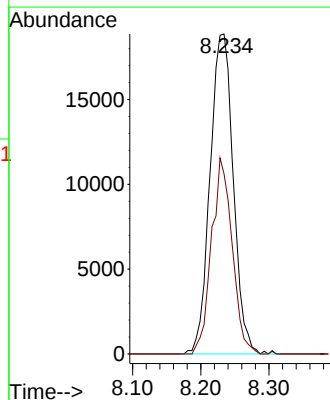
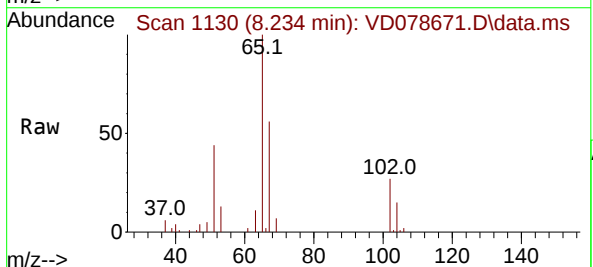
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

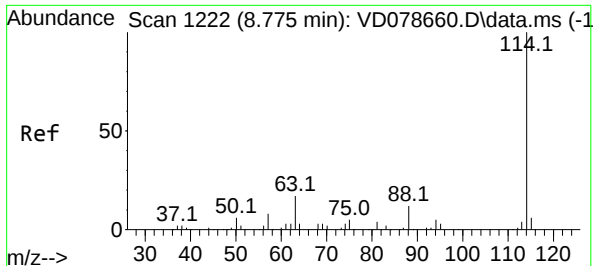
Tgt Ion:168 Resp: 63808
Ion Ratio Lower Upper
168 100
99 51.5 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 74.888 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078671.D
Acq: 14 Mar 2024 17:17

Tgt Ion: 65 Resp: 44782
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.2

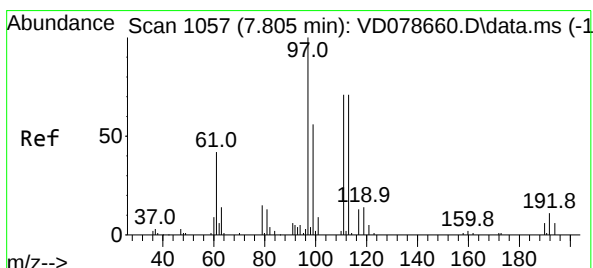
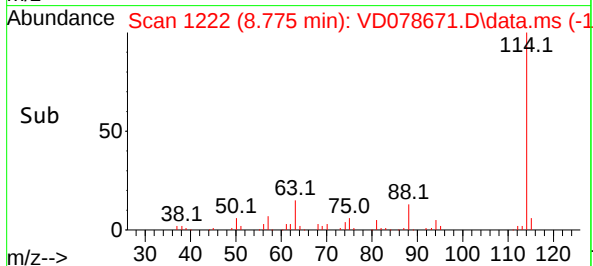
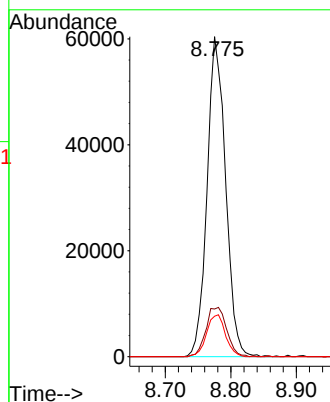
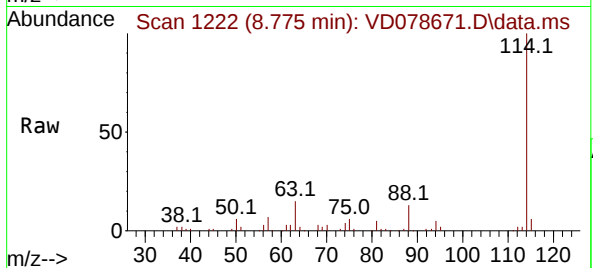




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078671.D
Acq: 14 Mar 2024 17:17

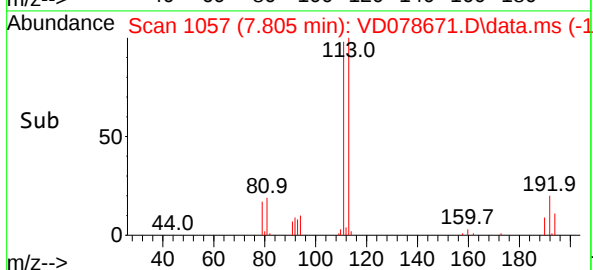
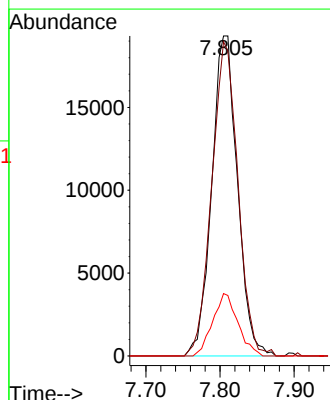
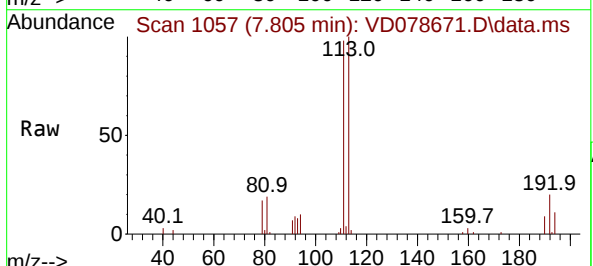
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

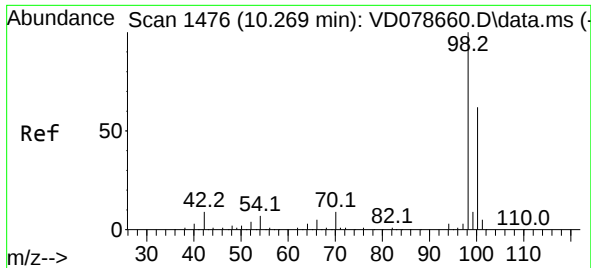
Tgt Ion:114 Resp: 118421
Ion Ratio Lower Upper
114 100
63 14.9 0.0 33.4
88 12.6 0.0 24.6



#35
Dibromofluoromethane
Concen: 61.029 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078671.D
Acq: 14 Mar 2024 17:17

Tgt Ion:113 Resp: 46532
Ion Ratio Lower Upper
113 100
111 99.8 81.9 122.9
192 19.1 15.4 23.0

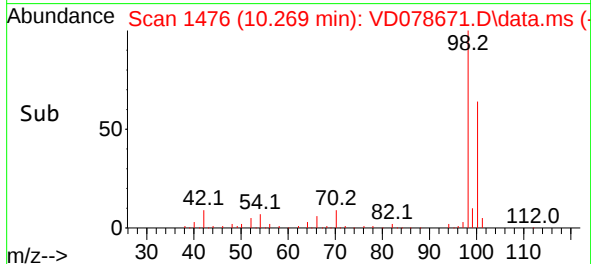
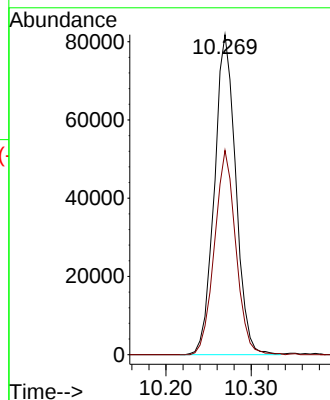
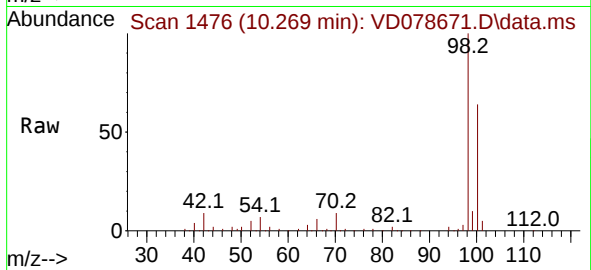




#50
Toluene-d8
Concen: 50.810 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078671.D
Acq: 14 Mar 2024 17:17

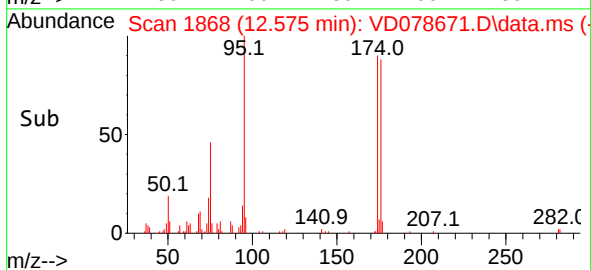
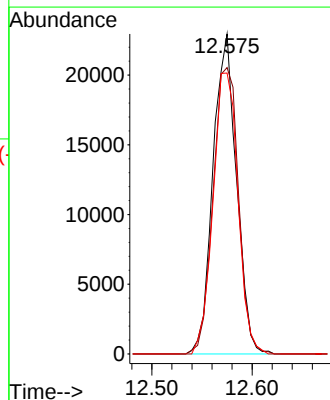
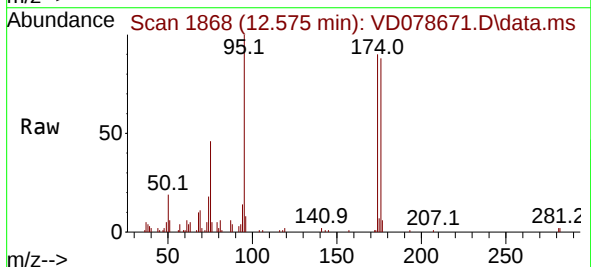
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

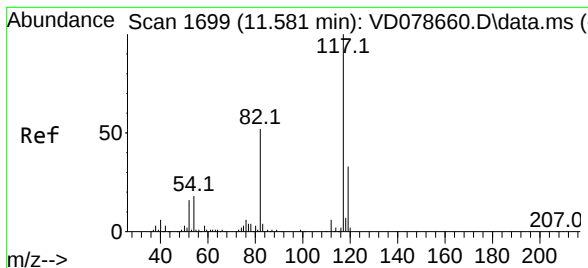
Tgt Ion: 98 Resp: 142475
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 45.432 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078671.D
Acq: 14 Mar 2024 17:17

Tgt Ion: 95 Resp: 37270
Ion Ratio Lower Upper
95 100
174 96.7 0.0 195.2
176 93.3 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: VD078671.D

Acq: 14 Mar 2024 17:17

Instrument :

MSVOA_D

ClientSampleId :

SB-01-0-2.0

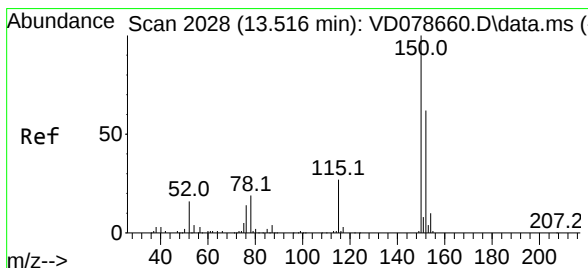
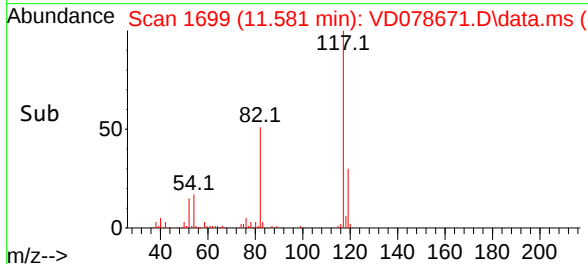
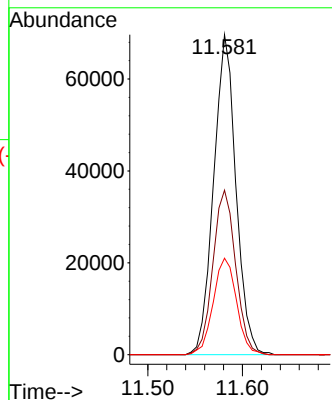
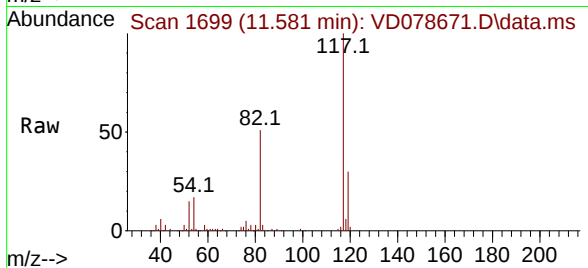
Tgt Ion:117 Resp: 114043

Ion Ratio Lower Upper

117 100

82 51.4 41.4 62.2

119 30.1 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: VD078671.D

Acq: 14 Mar 2024 17:17

Tgt Ion:152 Resp: 44431

Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.2

150 157.5 0.0 350.2

