

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032724\
 Data File : VD078758.D
 Acq On : 27 Mar 2024 18:01
 Operator : RP/MD
 Sample : P1879-03
 Misc : 3.78/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB-02(0-2)

Quant Time: Mar 28 05:12:25 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	139518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	267794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	241859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90682	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65517	50.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.220%
35) Dibromofluoromethane	7.805	113	85763	49.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.480%
50) Toluene-d8	10.269	98	326347	51.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.940%
62) 4-Bromofluorobenzene	12.575	95	77171	41.599	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.200%

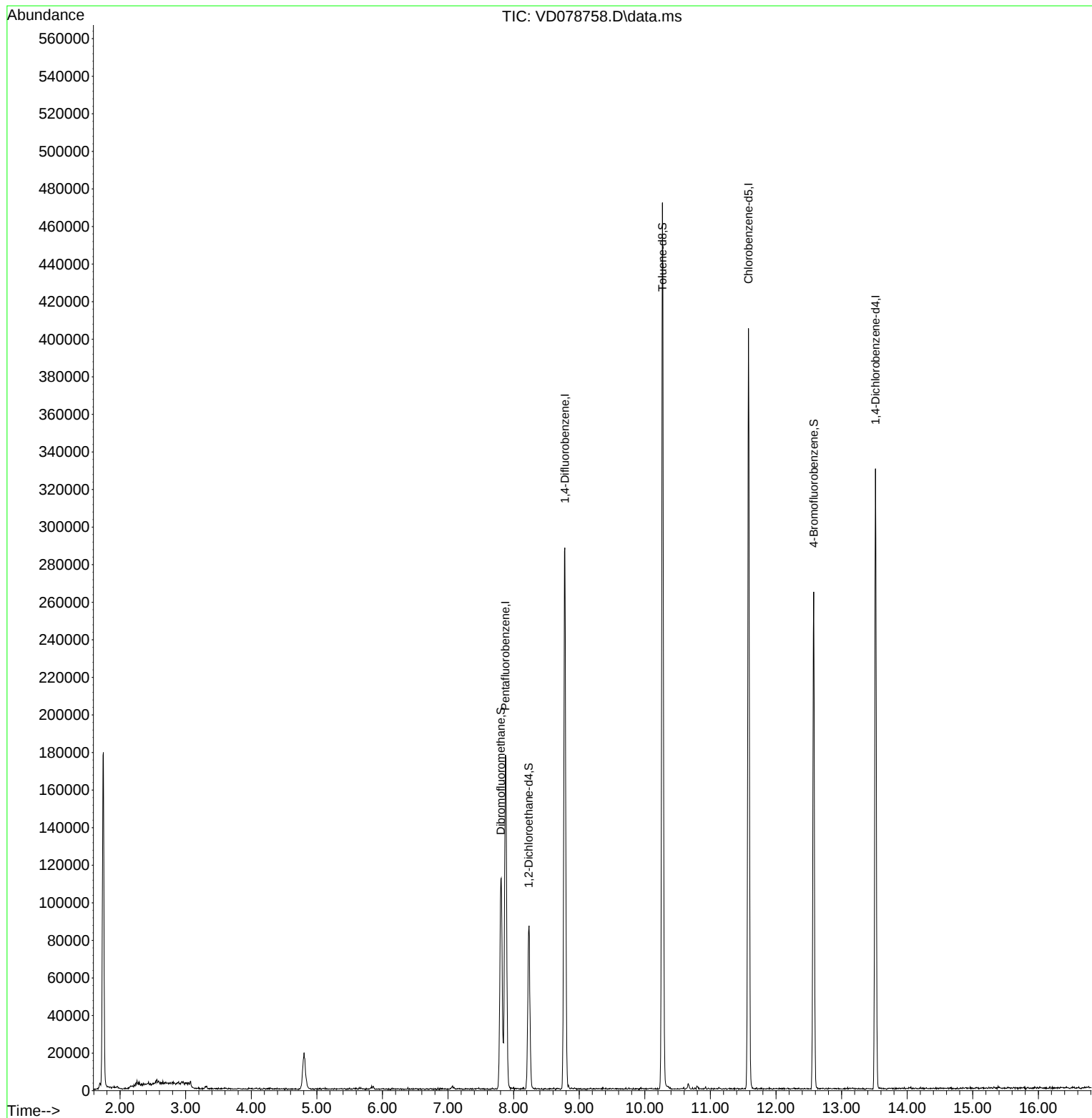
Target Compounds	Qvalue

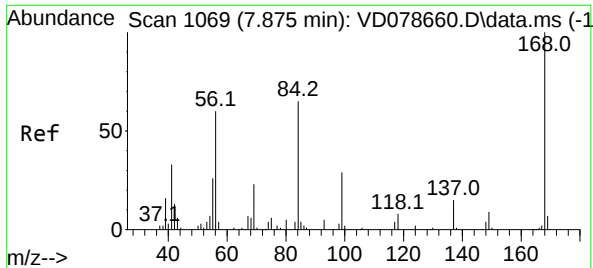
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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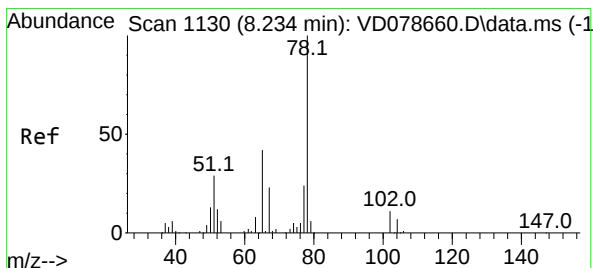
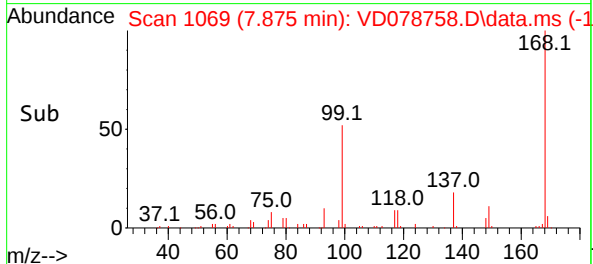
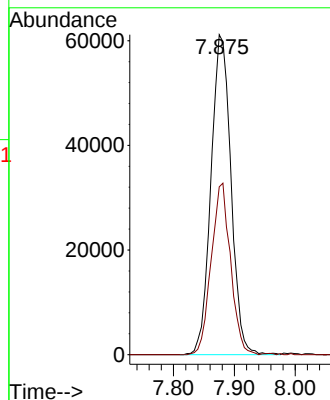
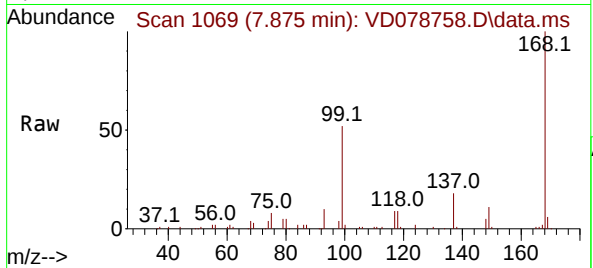




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078758.D
Acq: 27 Mar 2024 18:01

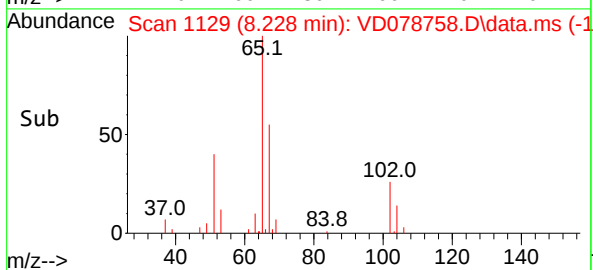
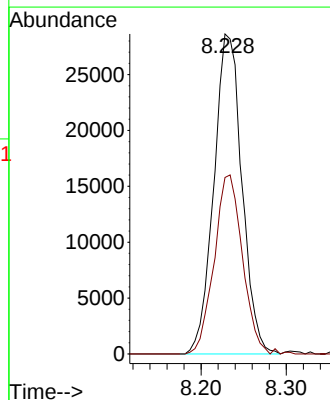
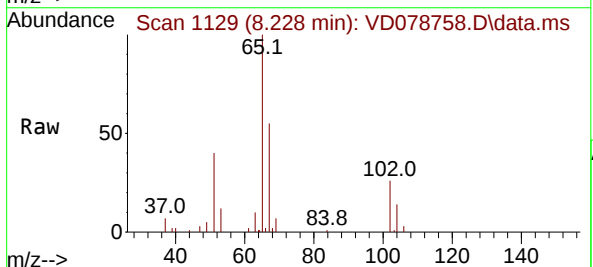
Instrument :
MSVOA_D
ClientSampleId :
EB-02(0-2)

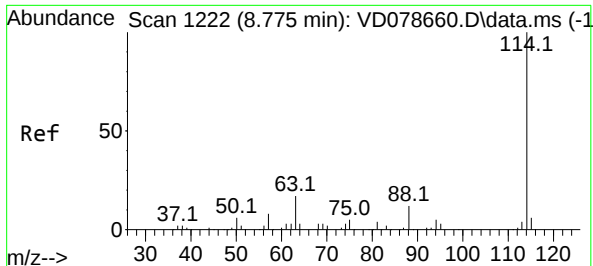
Tgt Ion:168 Resp: 139518
Ion Ratio Lower Upper
168 100
99 52.5 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 50.108 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078758.D
Acq: 27 Mar 2024 18:01

Tgt Ion: 65 Resp: 65517
Ion Ratio Lower Upper
65 100
67 56.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078758.D

Acq: 27 Mar 2024 18:01

Instrument :

MSVOA_D

ClientSampleId :

EB-02(0-2)

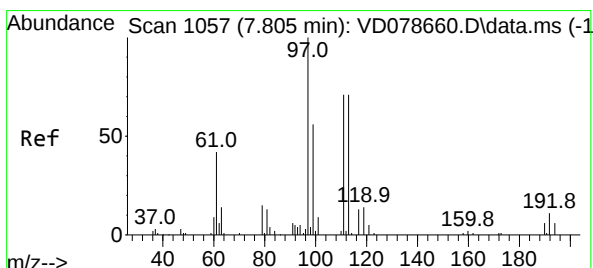
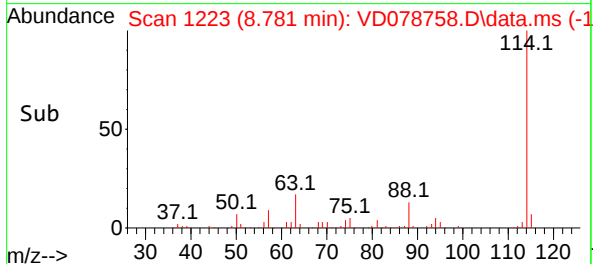
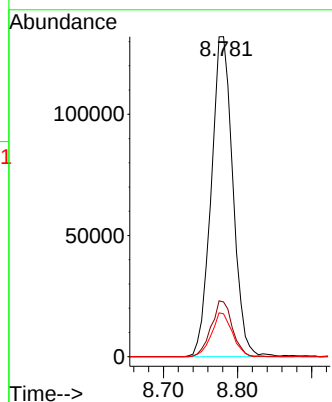
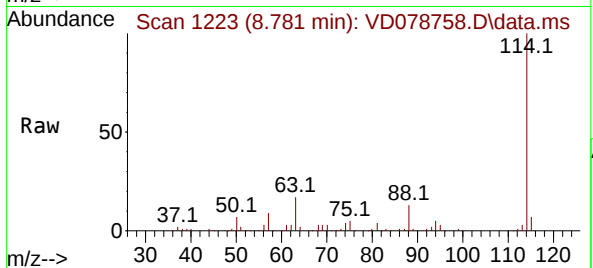
Tgt Ion:114 Resp: 267794

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 13.4 0.0 24.6



#35

Dibromofluoromethane

Concen: 49.741 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078758.D

Acq: 27 Mar 2024 18:01

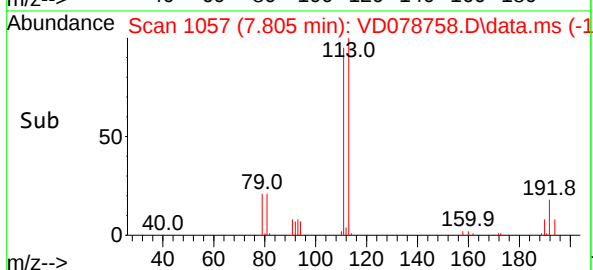
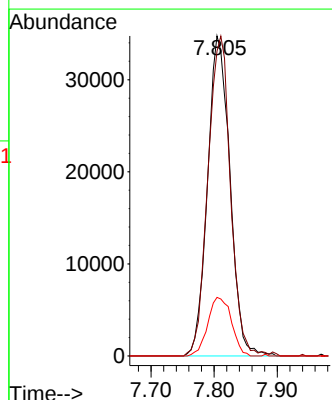
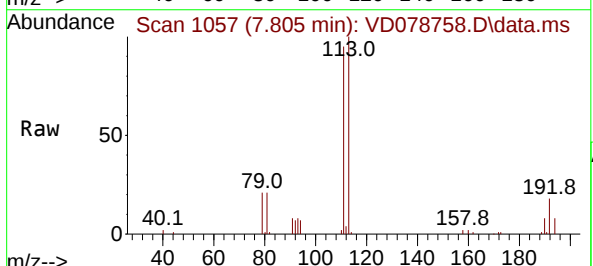
Tgt Ion:113 Resp: 85763

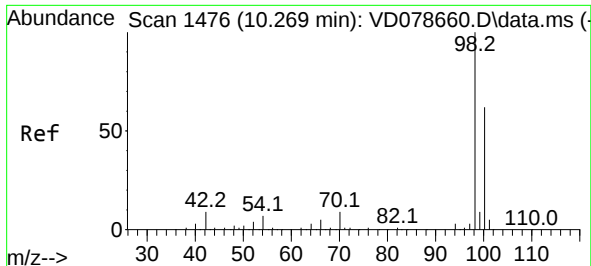
Ion Ratio Lower Upper

113 100

111 100.6 81.9 122.9

192 19.3 15.4 23.0

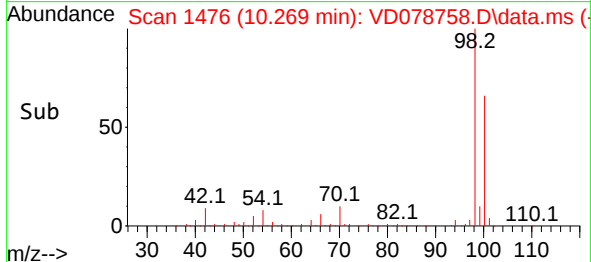
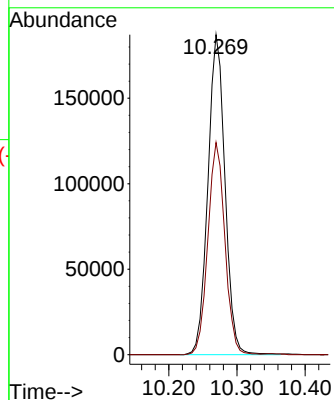
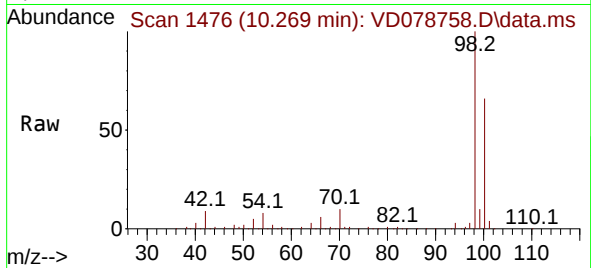




#50
Toluene-d8
Concen: 51.466 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078758.D
Acq: 27 Mar 2024 18:01

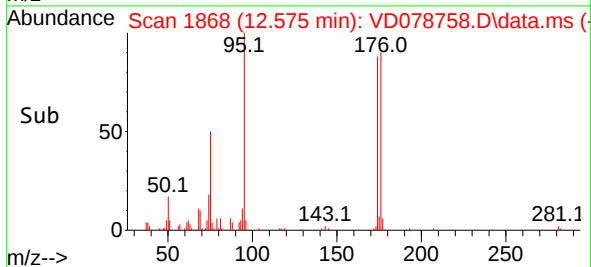
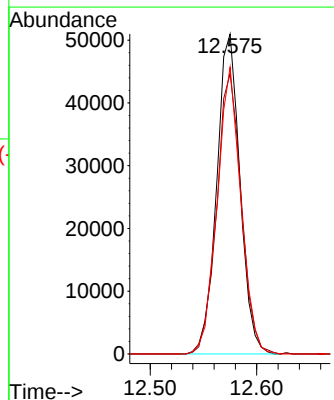
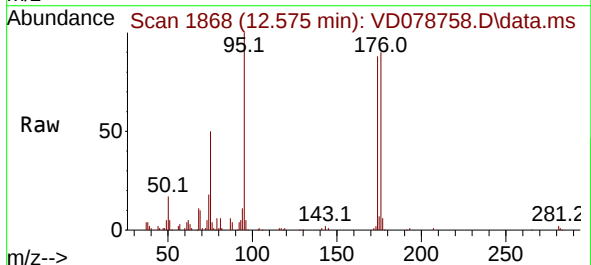
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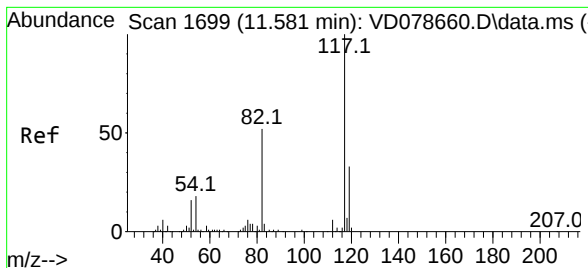
Tgt Ion: 98 Resp: 326347
Ion Ratio Lower Upper
98 100
100 66.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 41.599 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078758.D
Acq: 27 Mar 2024 18:01

Tgt Ion: 95 Resp: 77171
Ion Ratio Lower Upper
95 100
174 92.6 0.0 195.2
176 91.5 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: VD078758.D

Acq: 27 Mar 2024 18:01

Instrument :

MSVOA_D

ClientSampleId :

EB-02(0-2)

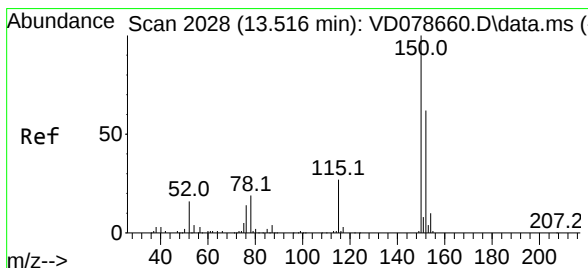
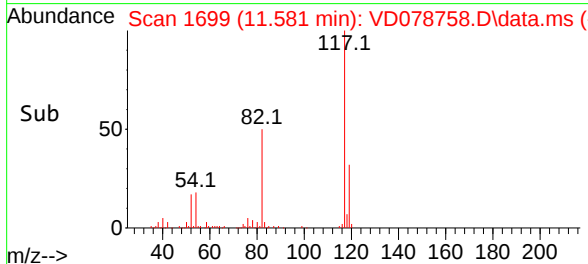
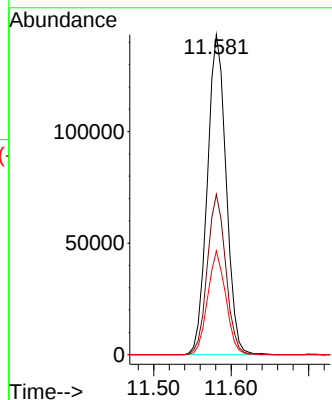
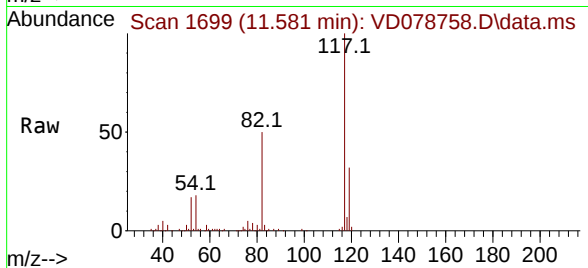
Tgt Ion:117 Resp: 241859

Ion Ratio Lower Upper

117 100

82 50.1 41.4 62.2

119 32.4 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: VD078758.D

Acq: 27 Mar 2024 18:01

Tgt Ion:152 Resp: 90682

Ion Ratio Lower Upper

152 100

115 53.9 27.1 81.2

150 159.5 0.0 350.2

