

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078741.D
 Acq On : 22 Mar 2024 14:28
 Operator : RP/MD
 Sample : P1830-02RE
 Misc : 5.02G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-206RE

Quant Time: Mar 22 23:20:23 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	5992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	12212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	13067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4855	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5894	104.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	209.920%#
35) Dibromofluoromethane	7.816	113	5030	63.973	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.940%
50) Toluene-d8	10.269	98	14313	49.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.000%
62) 4-Bromofluorobenzene	12.575	95	4194	49.576	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.160%

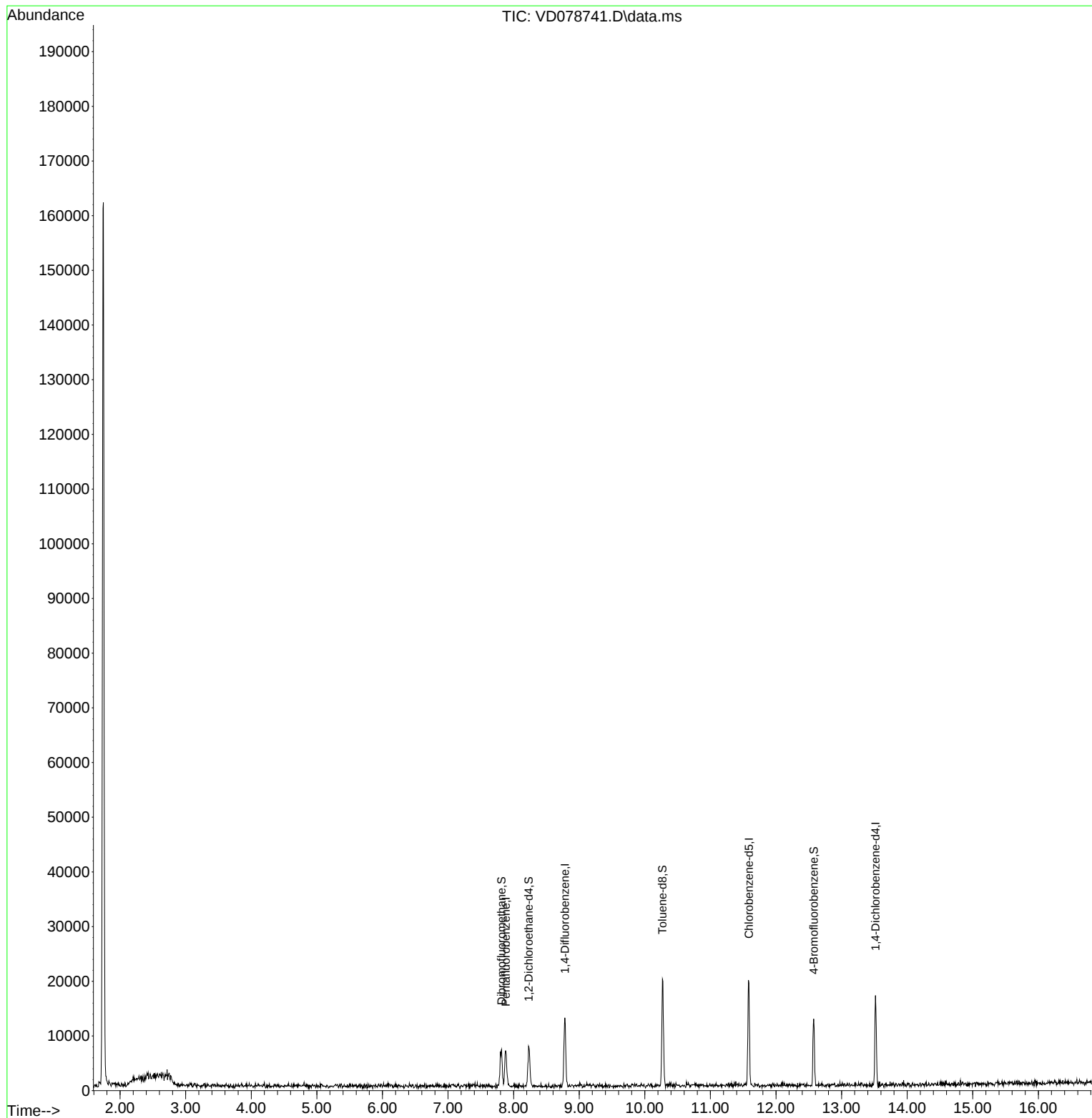
Target Compounds	Qvalue

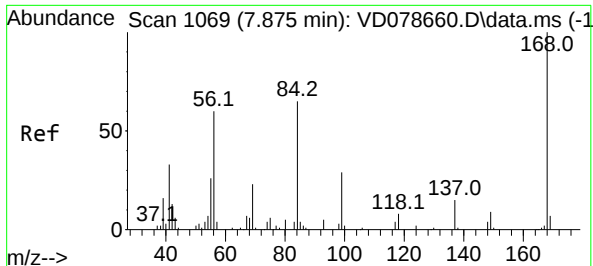
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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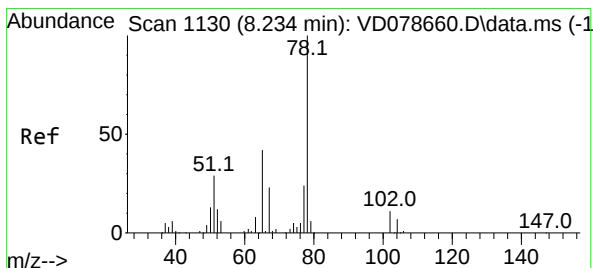
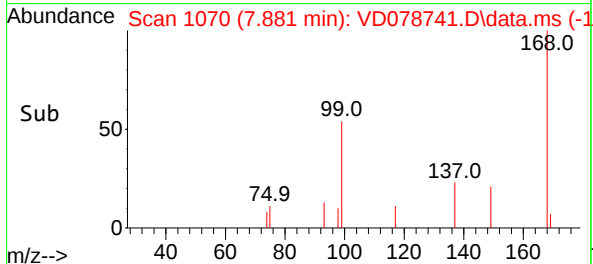
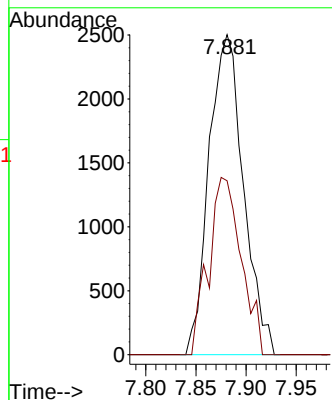
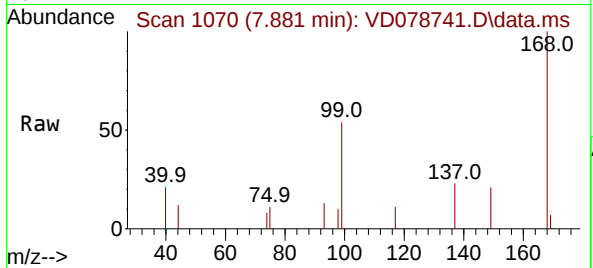




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD078741.D
Acq: 22 Mar 2024 14:28

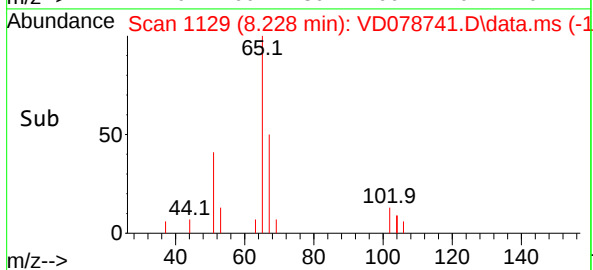
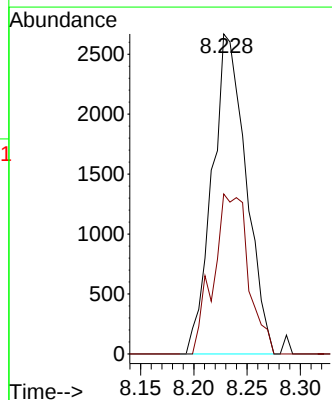
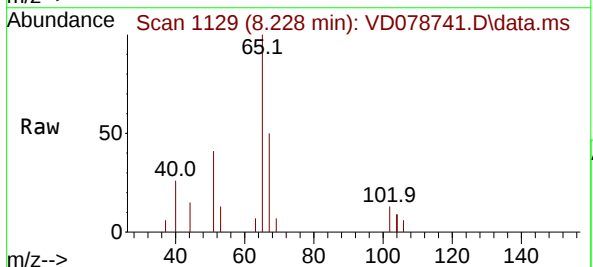
Instrument :
MSVOA_D
ClientSampleId :
VNJ-206RE

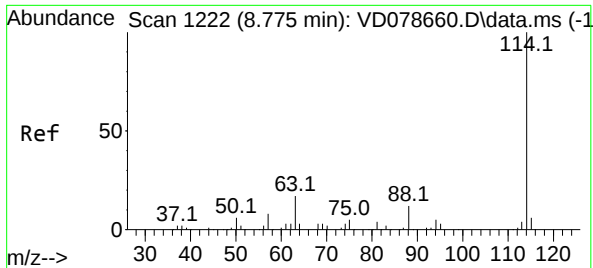
Tgt Ion:168 Resp: 5992
Ion Ratio Lower Upper
168 100
99 54.3 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 104.960 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078741.D
Acq: 22 Mar 2024 14:28

Tgt Ion: 65 Resp: 5894
Ion Ratio Lower Upper
65 100
67 51.7 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: VD078741.D

Acq: 22 Mar 2024 14:28

Instrument :

MSVOA_D

ClientSampleId :

VNJ-206RE

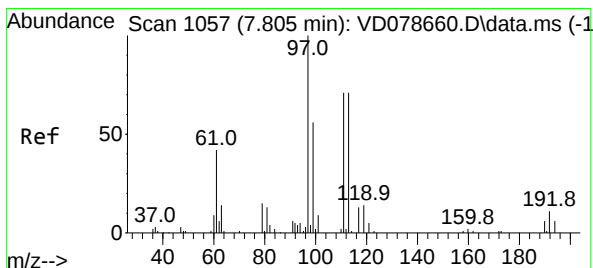
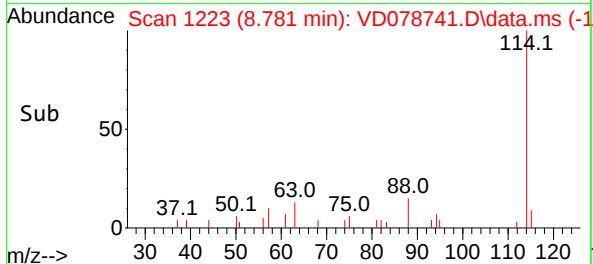
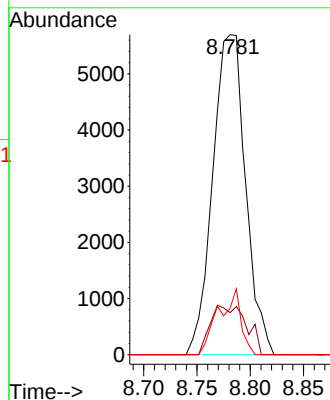
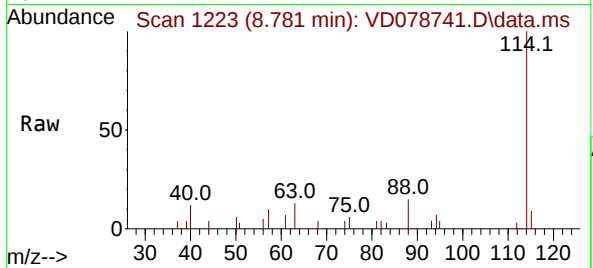
Tgt Ion:114 Resp: 12212

Ion Ratio Lower Upper

114 100

63 13.1 0.0 33.4

88 14.6 0.0 24.6



#35

Dibromofluoromethane

Concen: 63.973 ug/l

RT: 7.816 min Scan# 1059

Delta R.T. 0.012 min

Lab File: VD078741.D

Acq: 22 Mar 2024 14:28

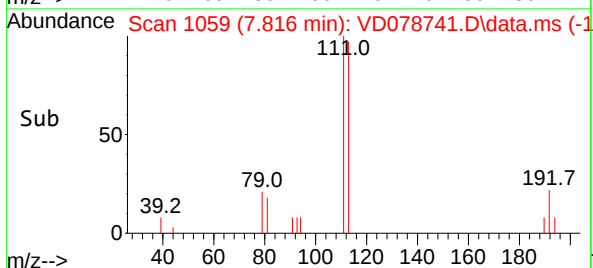
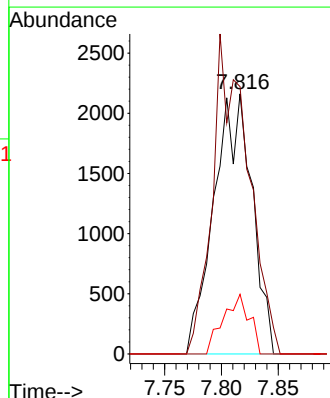
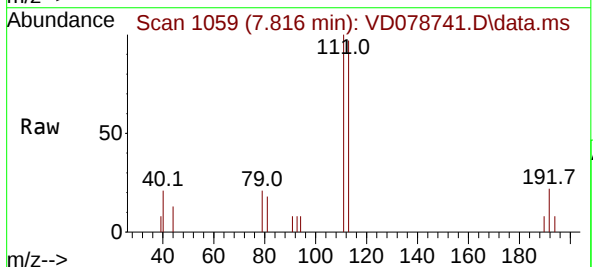
Tgt Ion:113 Resp: 5030

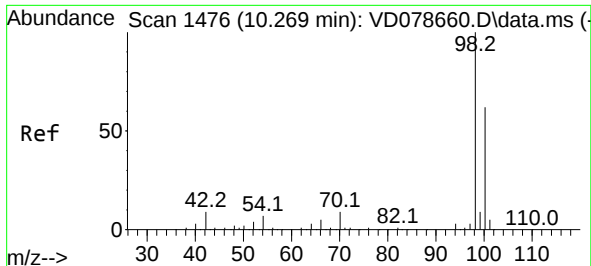
Ion Ratio Lower Upper

113 100

111 114.0 81.9 122.9

192 15.7 15.4 23.0

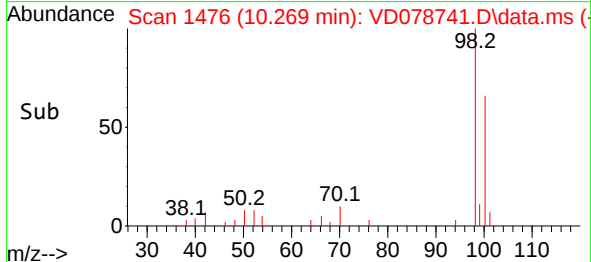
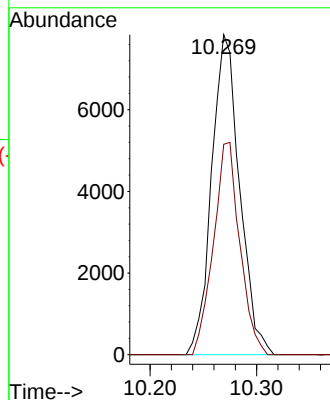
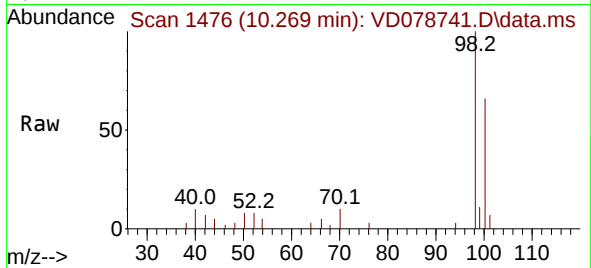




#50
Toluene-d8
Concen: 49.498 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078741.D
Acq: 22 Mar 2024 14:28

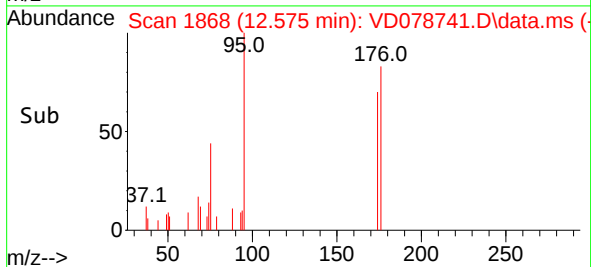
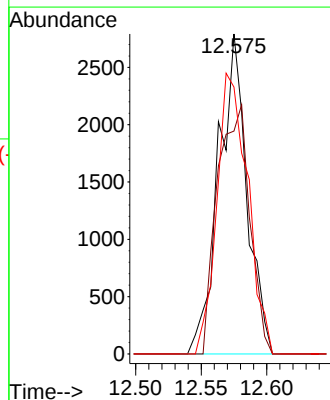
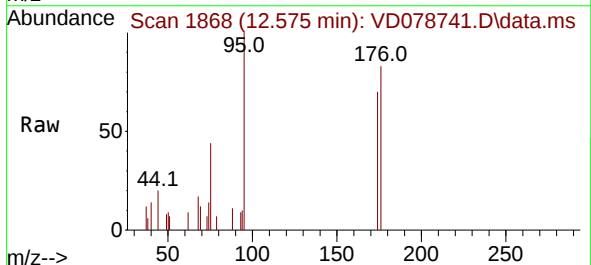
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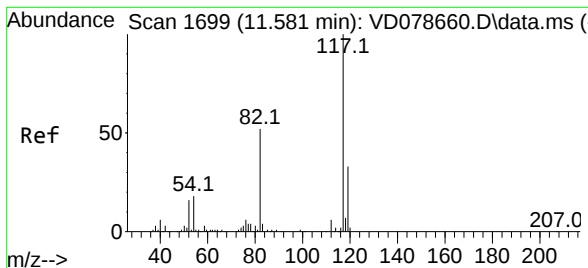
Tgt Ion: 98 Resp: 14313
Ion Ratio Lower Upper
98 100
100 62.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 49.576 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078741.D
Acq: 22 Mar 2024 14:28

Tgt Ion: 95 Resp: 4194
Ion Ratio Lower Upper
95 100
174 89.2 0.0 195.2
176 95.2 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078741.D

Acq: 22 Mar 2024 14:28

Instrument :

MSVOA_D

ClientSampleId :

VNJ-206RE

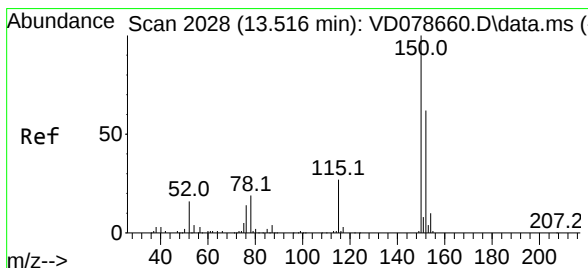
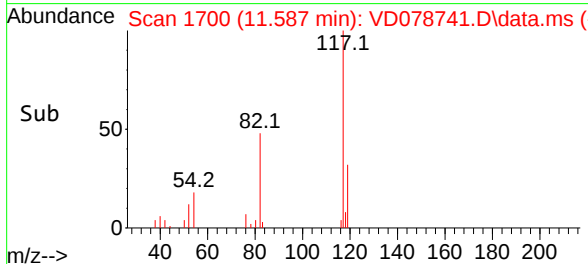
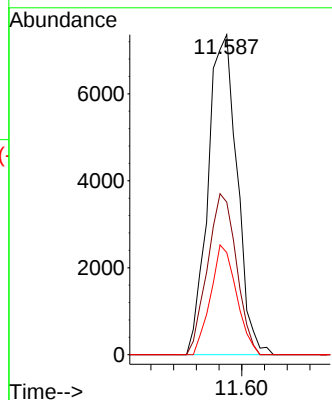
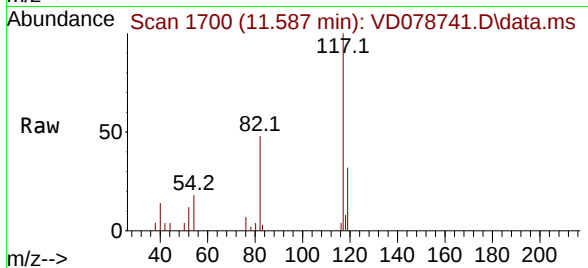
Tgt Ion:117 Resp: 13067

Ion Ratio Lower Upper

117 100

82 47.6 41.4 62.2

119 31.9 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: VD078741.D

Acq: 22 Mar 2024 14:28

Tgt Ion:152 Resp: 4855

Ion Ratio Lower Upper

152 100

115 54.1 27.1 81.2

150 164.7 0.0 350.2

