

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078731.D
 Acq On : 21 Mar 2024 18:30
 Operator : RP/MD
 Sample : P1830-02
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-206

Quant Time: Mar 22 06:57:50 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	6436	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	11182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	11715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	4911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4852	80.443	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.880%	
35) Dibromofluoromethane	7.804	113	4943	68.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 137.320%	
50) Toluene-d8	10.269	98	13092	49.445	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.900%	
62) 4-Bromofluorobenzene	12.569	95	4130	53.317	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.640%	

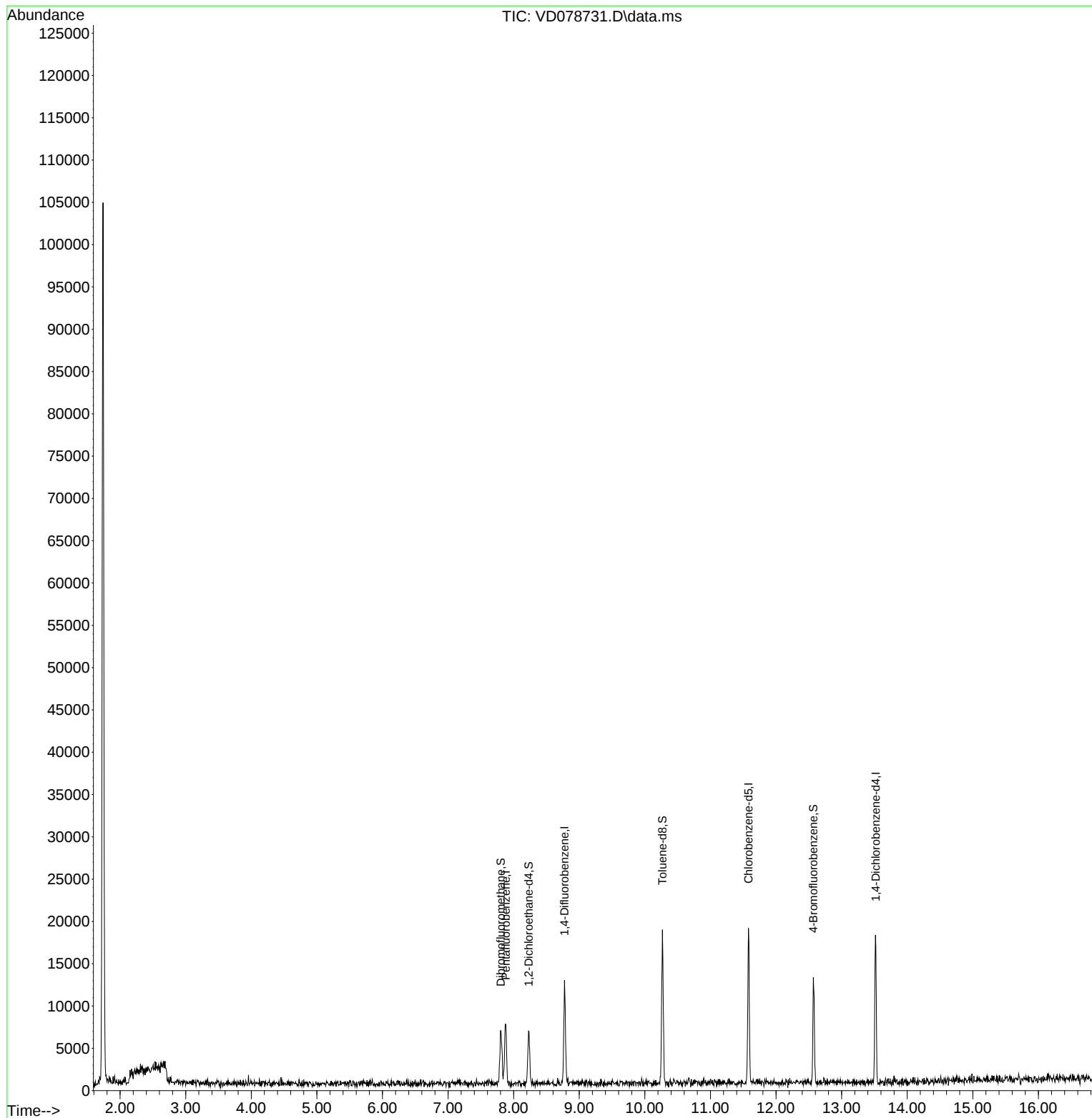
Target Compounds	Qvalue

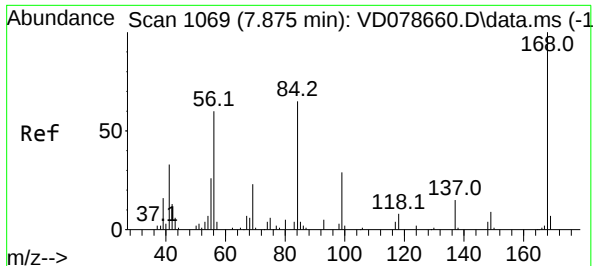
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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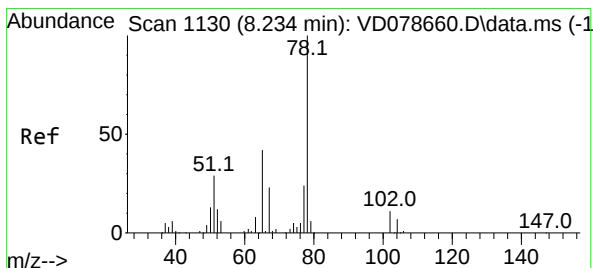
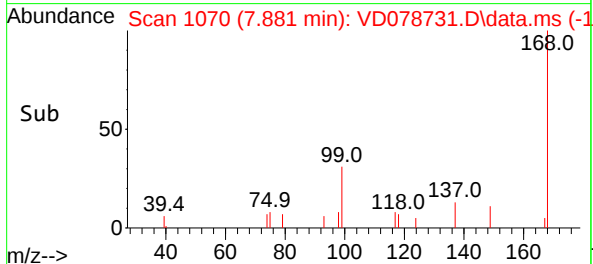
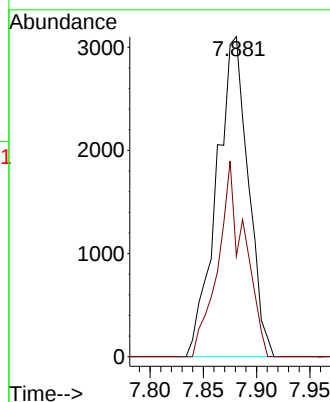
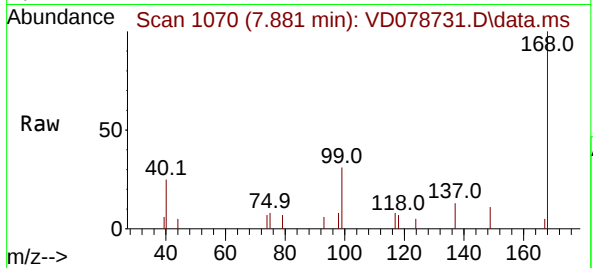




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD078731.D
Acq: 21 Mar 2024 18:30

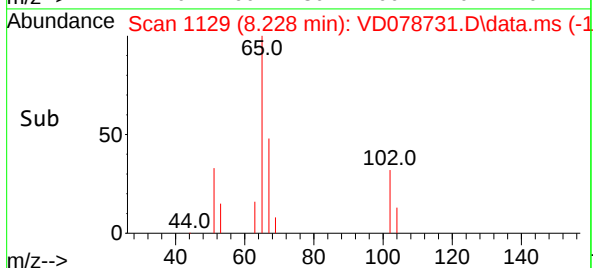
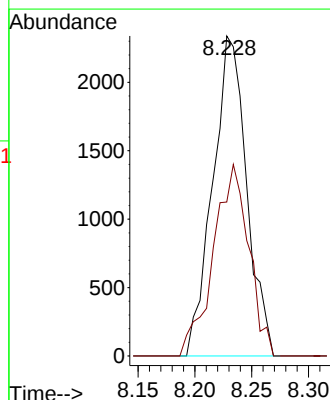
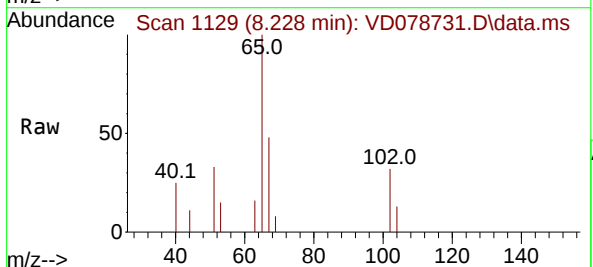
Instrument :
MSVOA_D
ClientSampleId :
VNJ-206

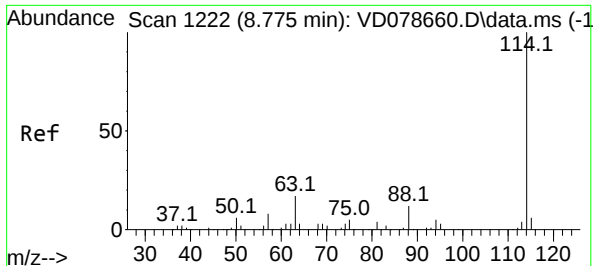
Tgt Ion:168 Resp: 6436
Ion Ratio Lower Upper
168 100
99 31.4 38.8 58.2#



#33
1,2-Dichloroethane-d4
Concen: 80.443 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078731.D
Acq: 21 Mar 2024 18:30

Tgt Ion: 65 Resp: 4852
Ion Ratio Lower Upper
65 100
67 62.5 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: VD078731.D

Acq: 21 Mar 2024 18:30

Instrument :

MSVOA_D

ClientSampleId :

VNJ-206

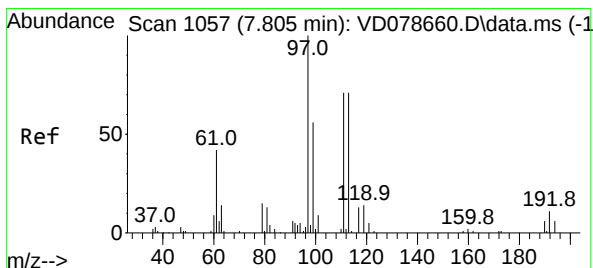
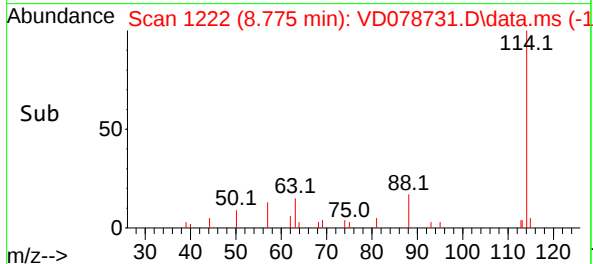
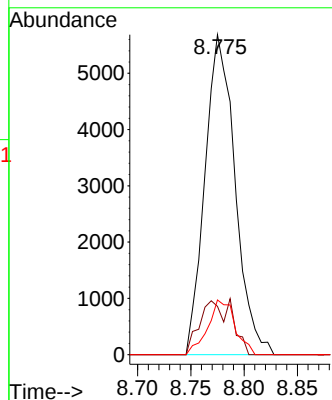
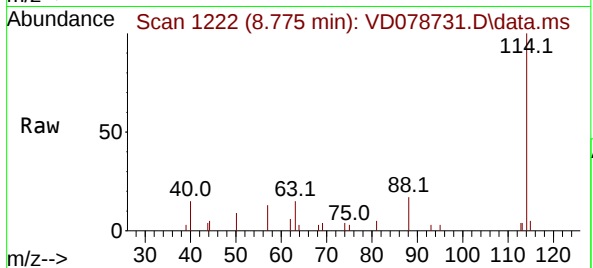
Tgt Ion:114 Resp: 11182

Ion Ratio Lower Upper

114 100

63 15.1 0.0 33.4

88 17.1 0.0 24.6



#35

Dibromofluoromethane

Concen: 68.657 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078731.D

Acq: 21 Mar 2024 18:30

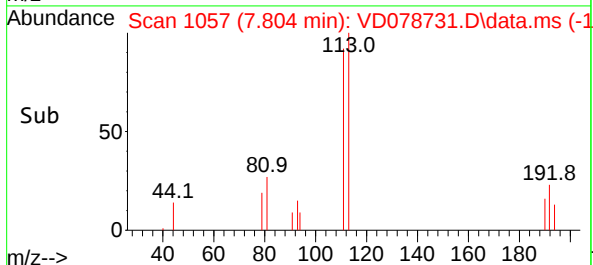
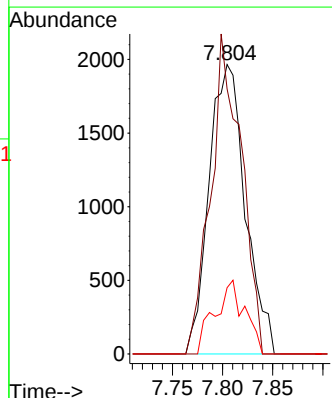
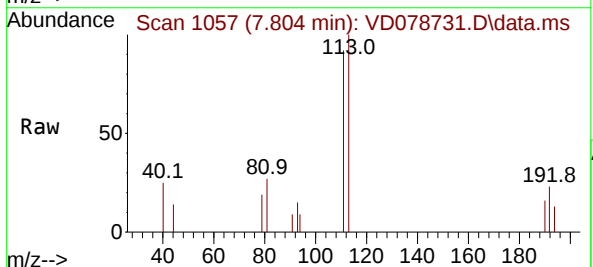
Tgt Ion:113 Resp: 4943

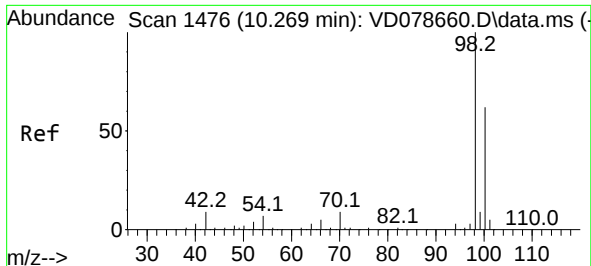
Ion Ratio Lower Upper

113 100

111 93.5 81.9 122.9

192 21.1 15.4 23.0

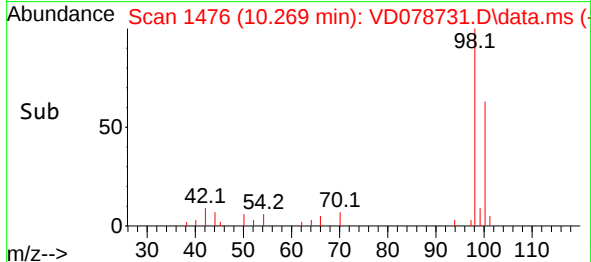
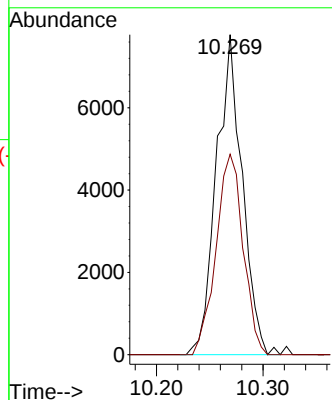
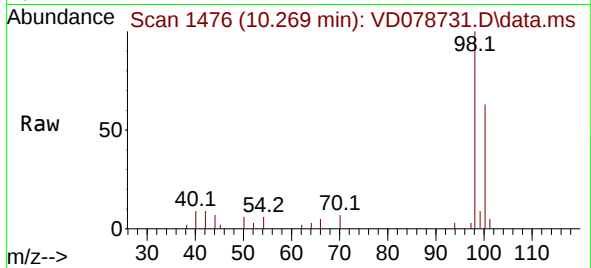




#50
Toluene-d8
Concen: 49.445 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078731.D
Acq: 21 Mar 2024 18:30

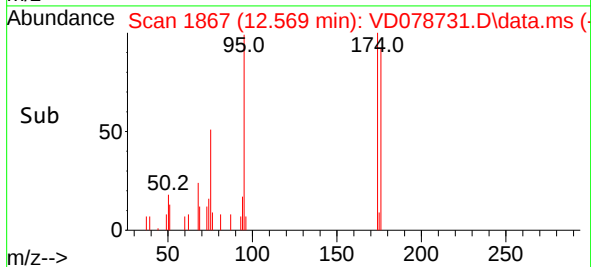
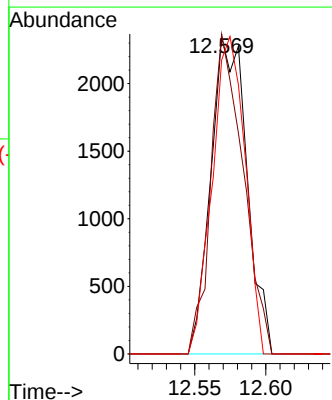
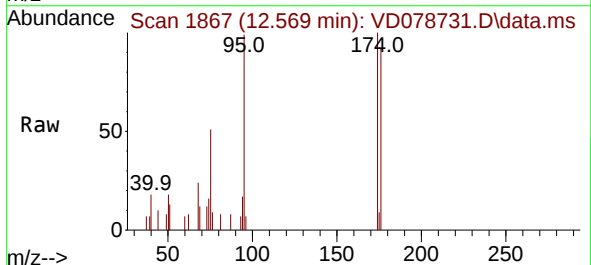
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VNJ-206

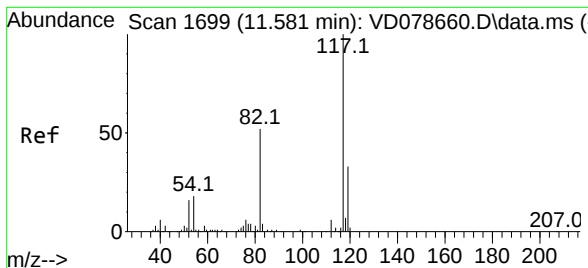
Tgt Ion: 98 Resp: 13092
Ion Ratio Lower Upper
98 100
100 65.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 53.317 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD078731.D
Acq: 21 Mar 2024 18:30

Tgt Ion: 95 Resp: 4130
Ion Ratio Lower Upper
95 100
174 90.6 0.0 195.2
176 91.6 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: VD078731.D

Acq: 21 Mar 2024 18:30

Instrument :

MSVOA_D

ClientSampleId :

VNJ-206

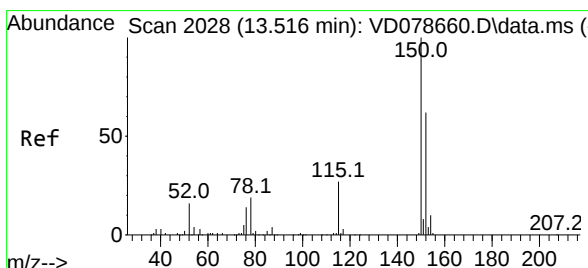
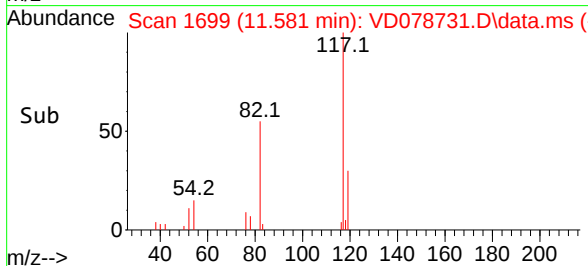
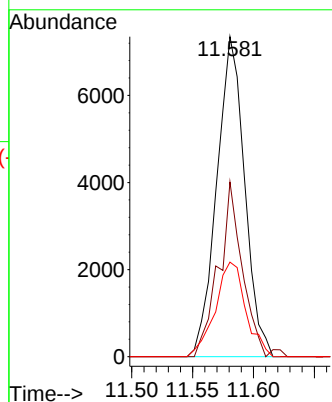
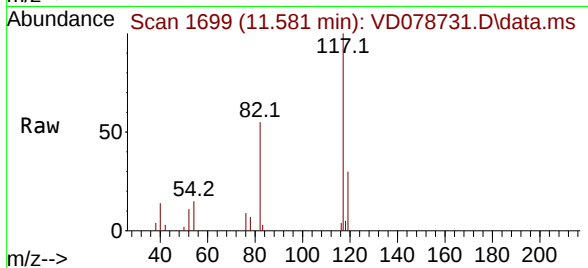
Tgt Ion:117 Resp: 11715

Ion Ratio Lower Upper

117 100

82 54.6 41.4 62.2

119 29.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078731.D

Acq: 21 Mar 2024 18:30

Tgt Ion:152 Resp: 4911

Ion Ratio Lower Upper

152 100

115 56.4 27.1 81.2

150 164.3 0.0 350.2

