

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078747.D
 Acq On : 22 Mar 2024 17:11
 Operator : RP/MD
 Sample : P1827-02
 Misc : 5.06G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11933

Quant Time: Mar 22 23:22:16 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	7.887	168	2139	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.787	114	3647	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.581	117	3806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.528	152	1178	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1625	81.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.120%
35) Dibromofluoromethane	7.805	113	1449	61.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.420%
50) Toluene-d8	10.269	98	4362	50.511	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.020%
62) 4-Bromofluorobenzene	12.575	95	885	35.030	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.060%

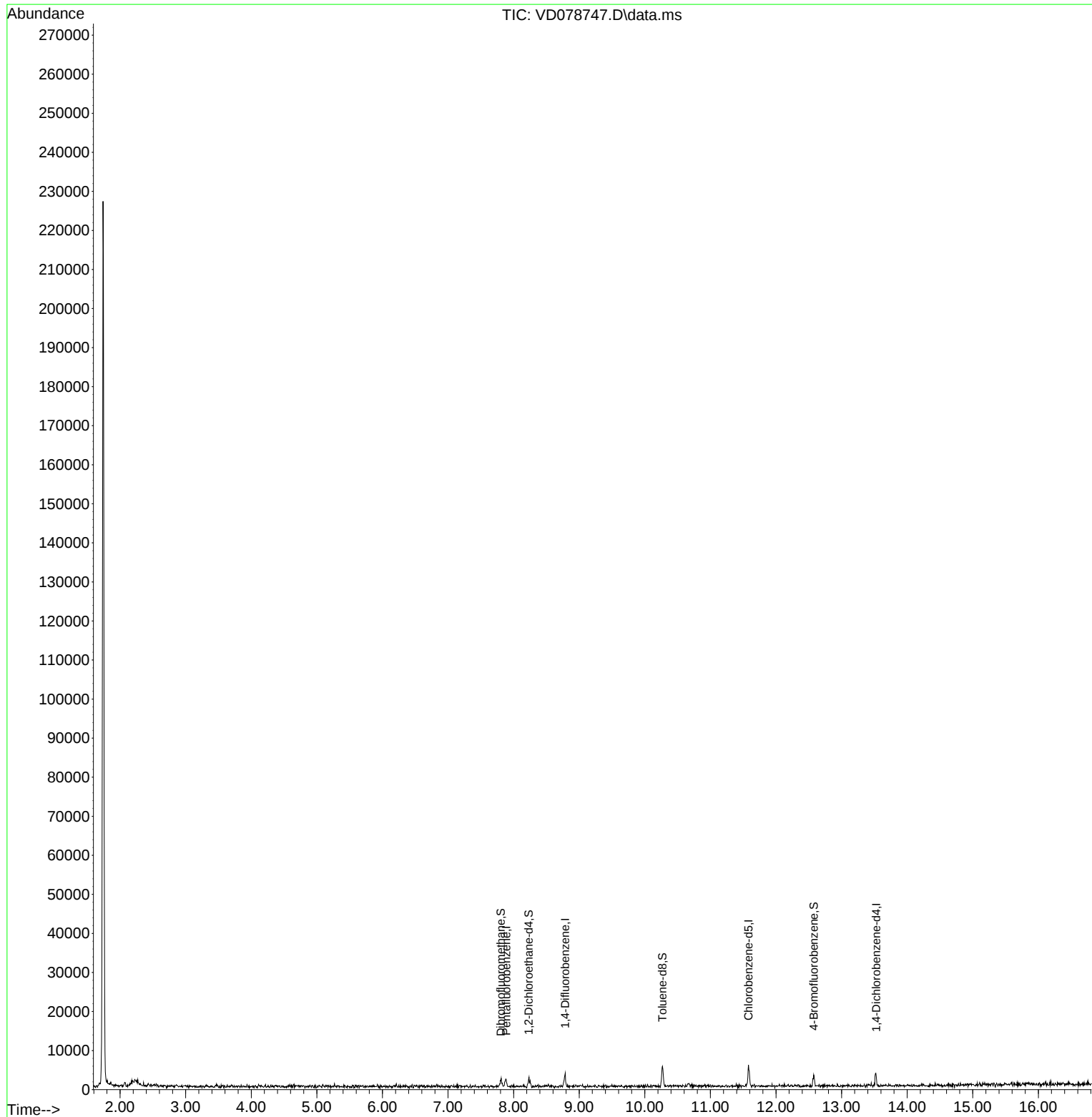
Target Compounds	Qvalue

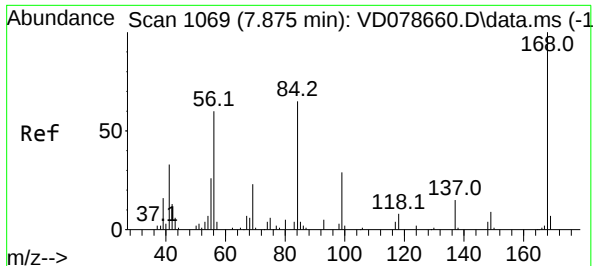
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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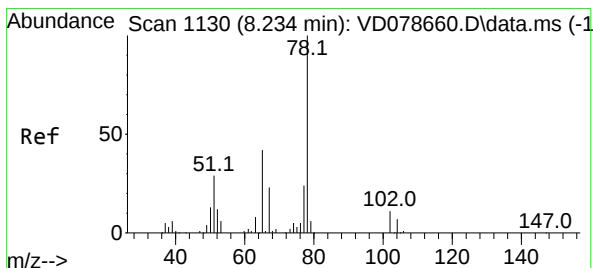
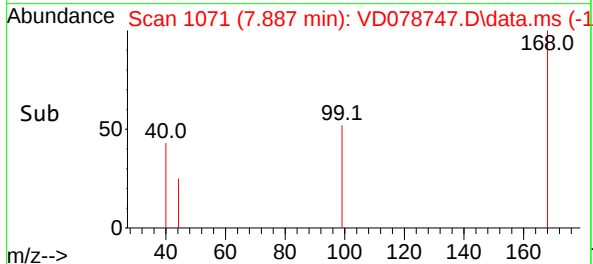
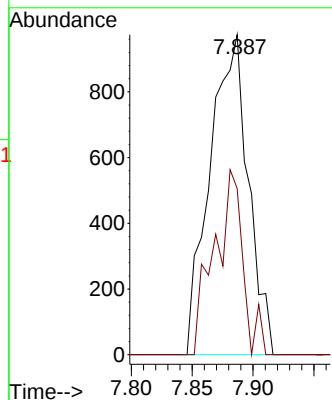
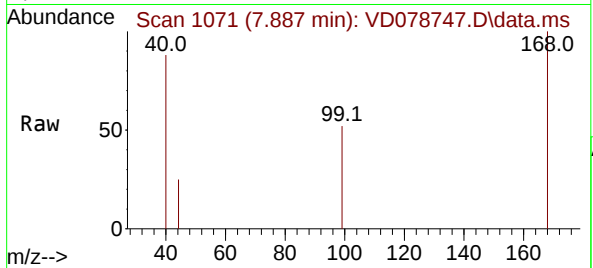




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.887 min Scan# 1109
Delta R.T. 0.012 min
Lab File: VD078747.D
Acq: 22 Mar 2024 17:11

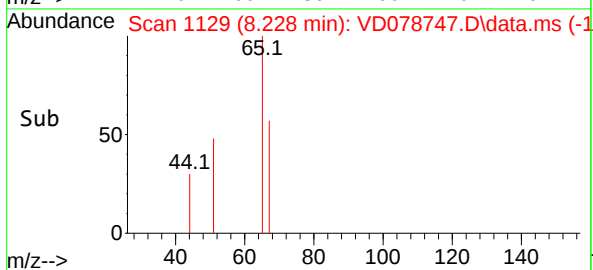
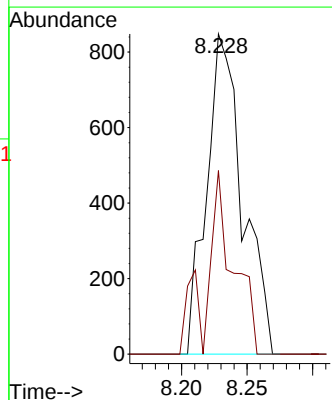
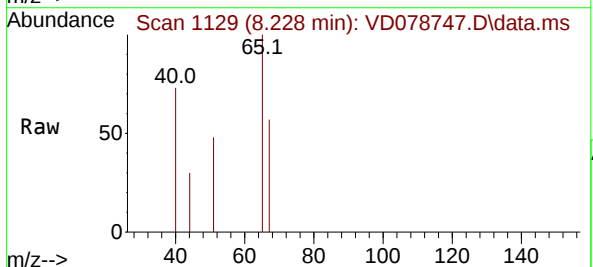
Instrument :
MSVOA_D
ClientSampleId :
72-11933

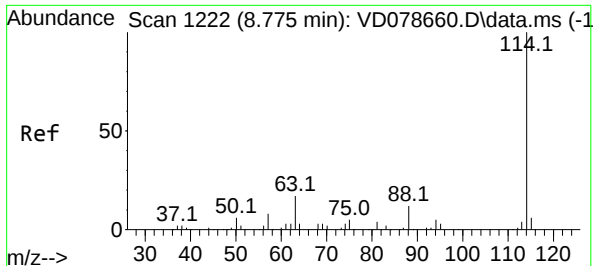
Tgt Ion:168 Resp: 2139
Ion Ratio Lower Upper
168 100
99 52.0 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 81.064 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078747.D
Acq: 22 Mar 2024 17:11

Tgt Ion: 65 Resp: 1625
Ion Ratio Lower Upper
65 100
67 43.3 0.0 110.2

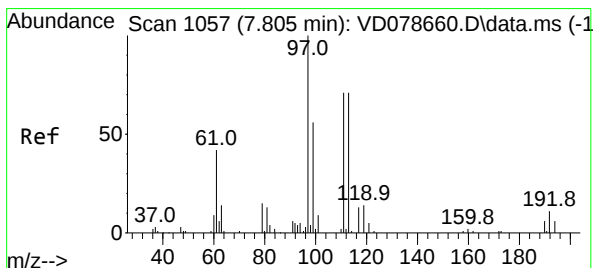
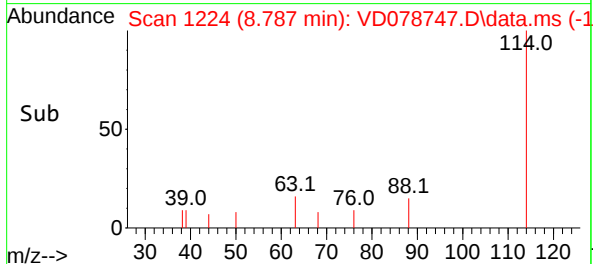
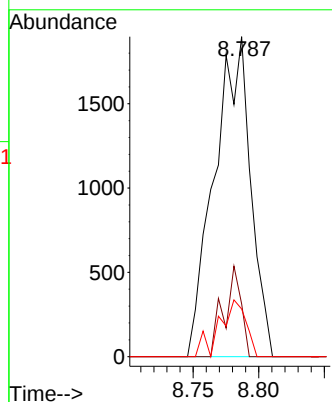
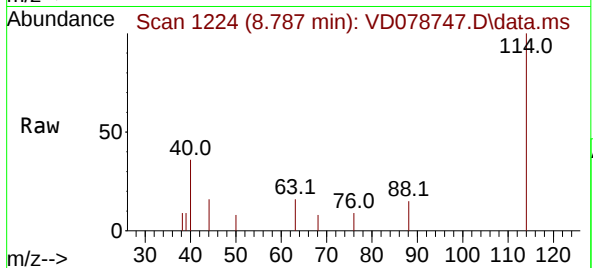




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.787 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD078747.D
Acq: 22 Mar 2024 17:11

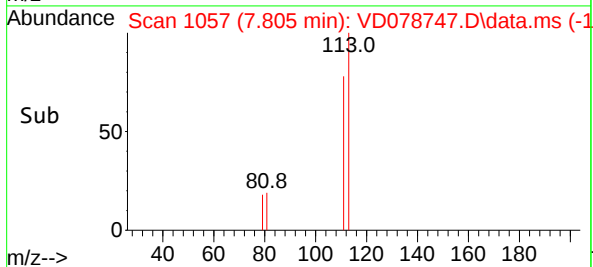
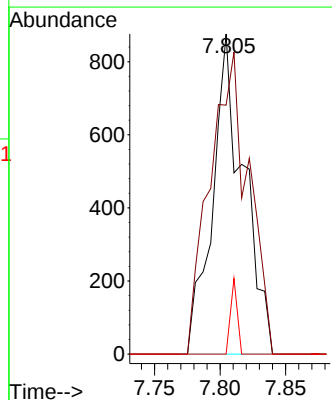
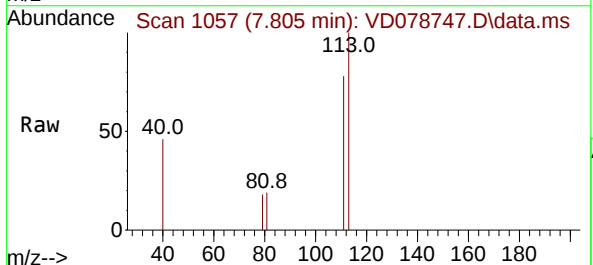
Instrument :
MSVOA_D
ClientSampleId :
72-11933

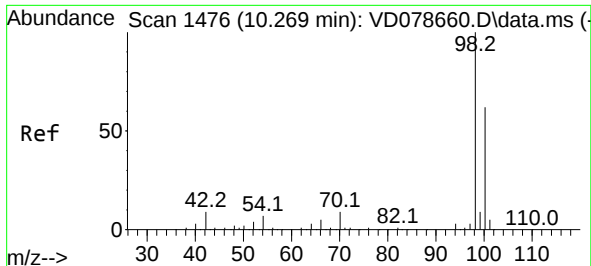
Tgt Ion:114 Resp: 3647
Ion Ratio Lower Upper
114 100
63 16.5 0.0 33.4
88 14.9 0.0 24.6



#35
Dibromofluoromethane
Concen: 61.709 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078747.D
Acq: 22 Mar 2024 17:11

Tgt Ion:113 Resp: 1449
Ion Ratio Lower Upper
113 100
111 117.5 81.9 122.9
192 5.0 15.4 23.0#

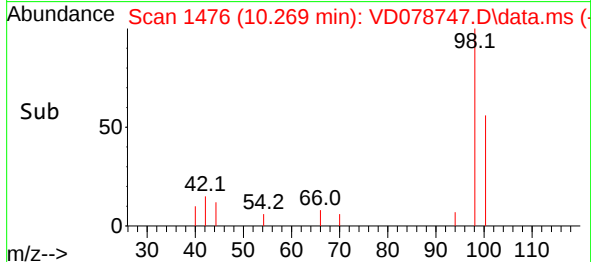
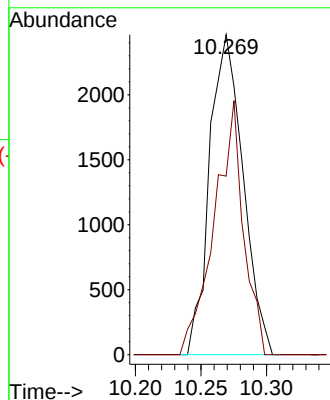
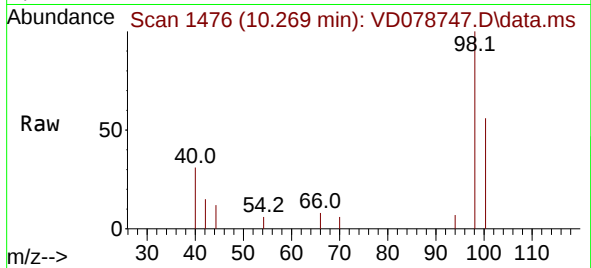




#50
Toluene-d8
Concen: 50.511 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078747.D
Acq: 22 Mar 2024 17:11

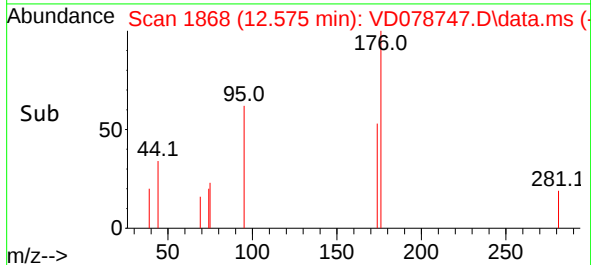
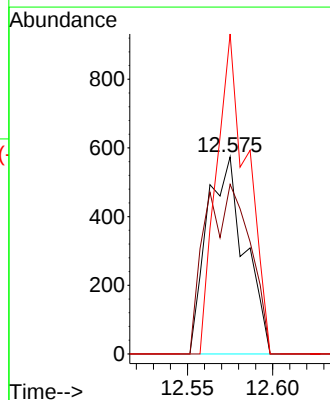
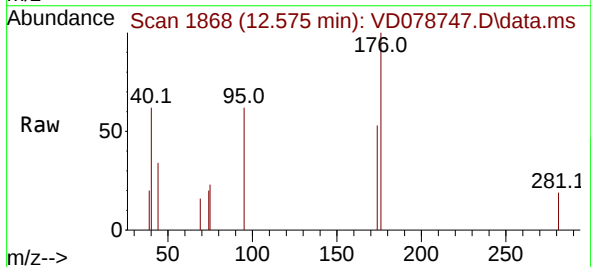
Instrument :
MSVOA_D
ClientSampleId :
72-11933

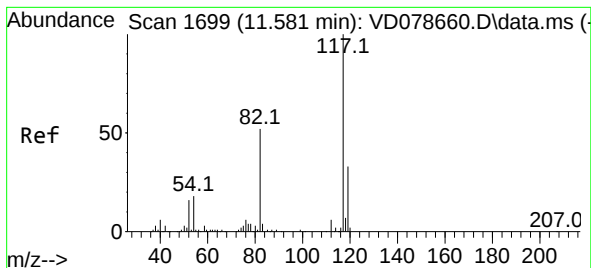
Tgt Ion: 98 Resp: 4362
Ion Ratio Lower Upper
98 100
100 69.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 35.030 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078747.D
Acq: 22 Mar 2024 17:11

Tgt Ion: 95 Resp: 885
Ion Ratio Lower Upper
95 100
174 102.1 0.0 195.2
176 133.2 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: VD078747.D

Acq: 22 Mar 2024 17:11

Instrument :

MSVOA_D

ClientSampleId :

72-11933

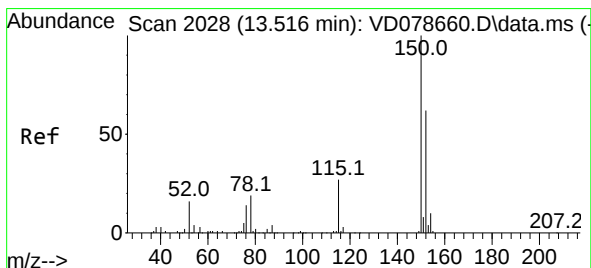
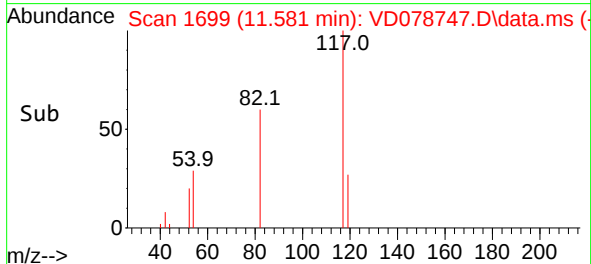
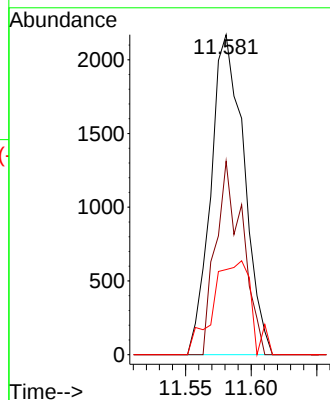
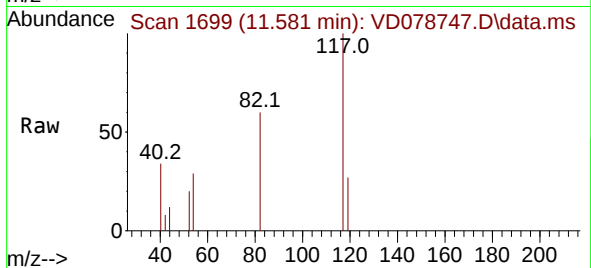
Tgt Ion:117 Resp: 3806

Ion Ratio Lower Upper

117 100

82 60.5 41.4 62.2

119 26.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.528 min Scan# 2030

Delta R.T. 0.012 min

Lab File: VD078747.D

Acq: 22 Mar 2024 17:11

Tgt Ion:152 Resp: 1178

Ion Ratio Lower Upper

152 100

115 35.5 27.1 81.2

150 153.6 0.0 350.2

