

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076864.D
 Acq On : 28 Jul 2023 19:45
 Operator : KP/SY
 Sample : 03810-12
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P08B

Quant Time: Jul 28 23:07:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.869	168	166953	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	316529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	299510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128194	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88535	53.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.480%
35) Dibromofluoromethane	7.799	113	103320	51.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.880%
50) Toluene-d8	10.269	98	388887	54.652	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.300%
62) 4-Bromofluorobenzene	12.575	95	111861	48.594	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.180%

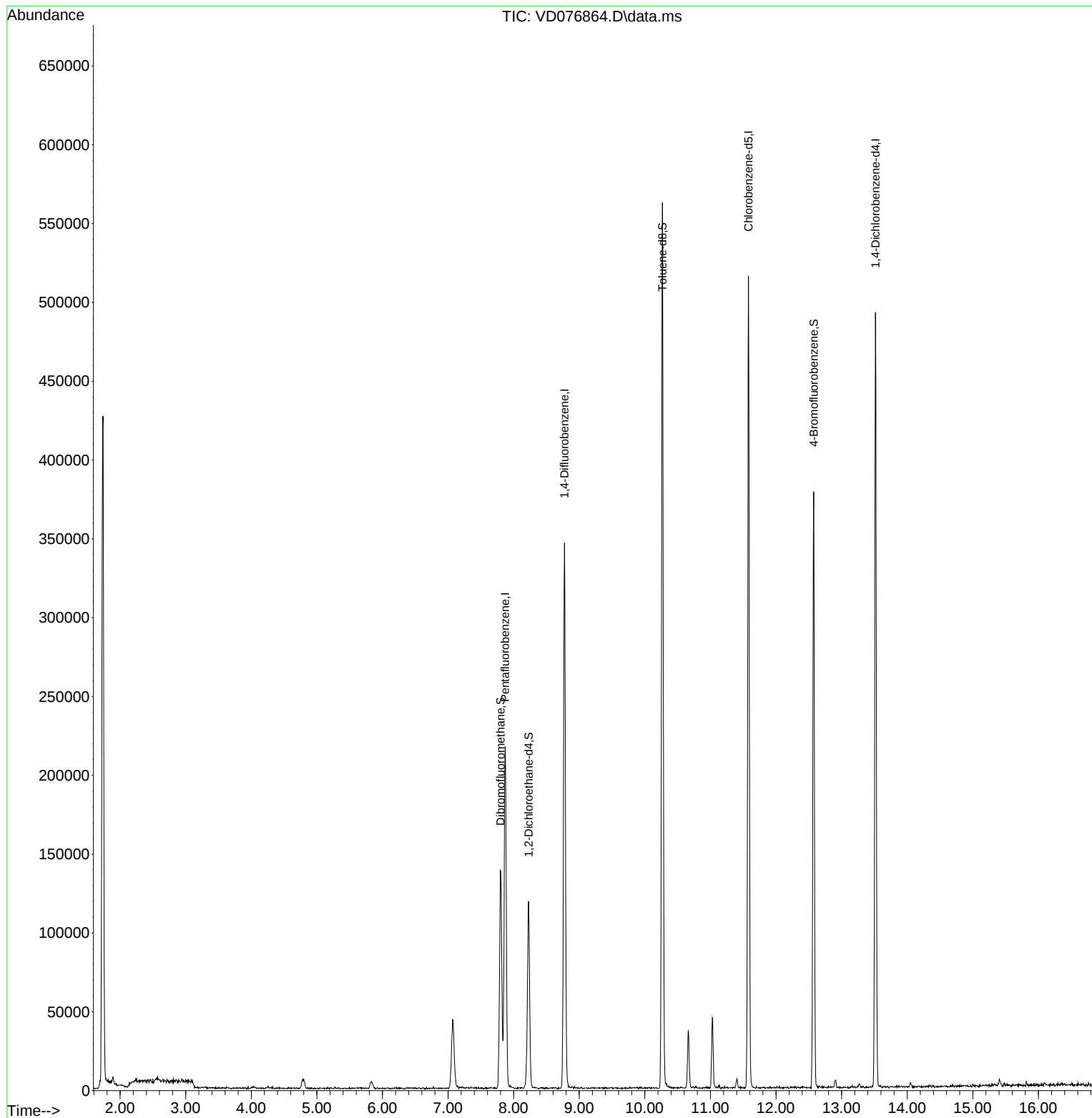
Target Compounds	Qvalue

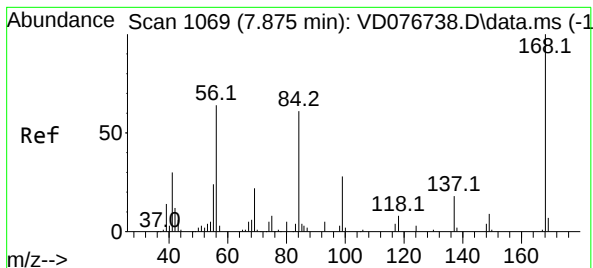
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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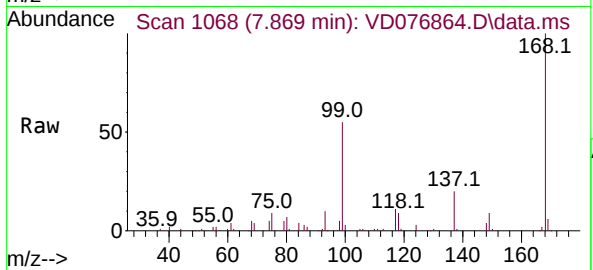
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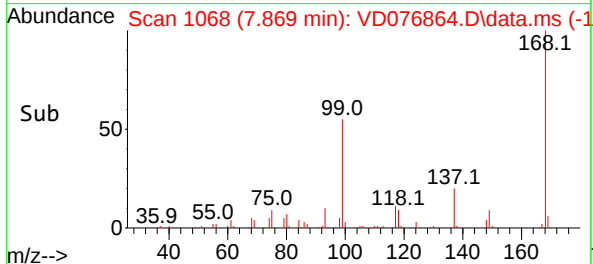
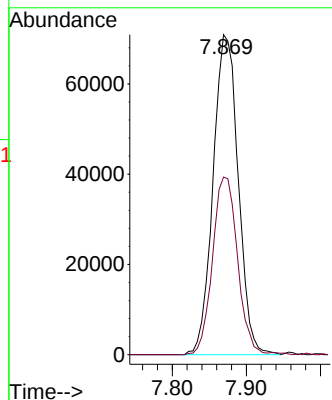


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076864.D
Acq: 28 Jul 2023 19:45

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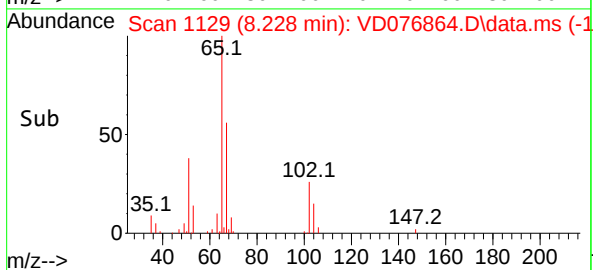
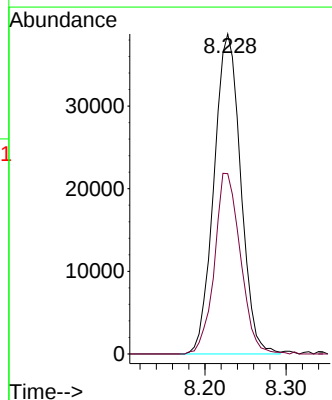
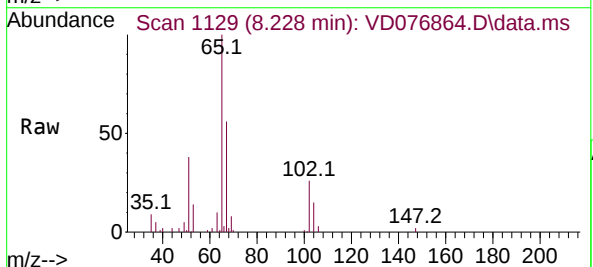


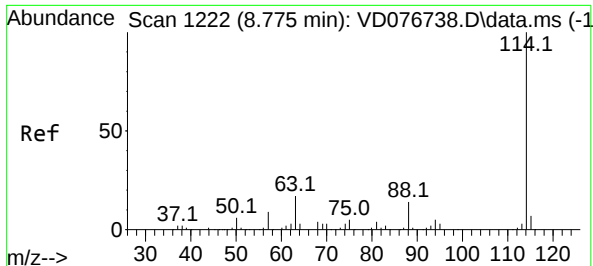
Tgt Ion:168 Resp: 166953
Ion Ratio Lower Upper
168 100
99 55.5 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 53.241 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076864.D
Acq: 28 Jul 2023 19:45

Tgt Ion: 65 Resp: 88535
Ion Ratio Lower Upper
65 100
67 54.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076864.D

Acq: 28 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

B-P08B

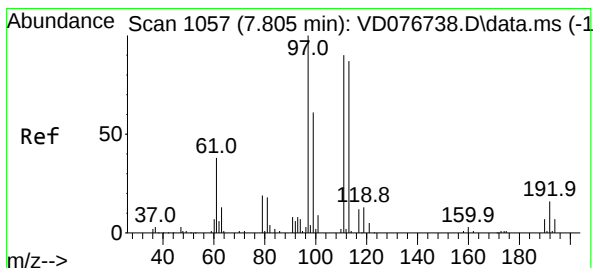
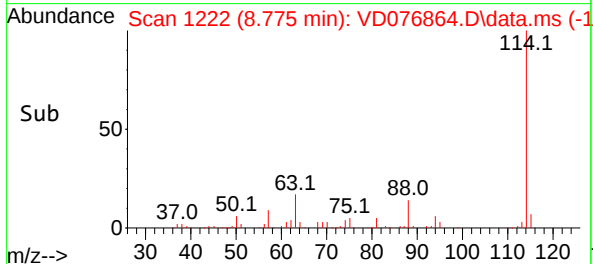
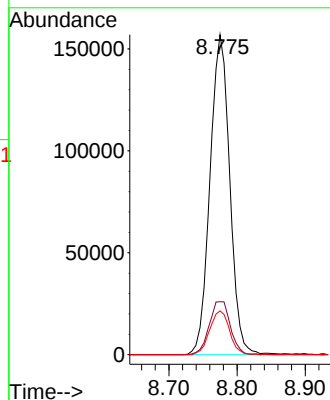
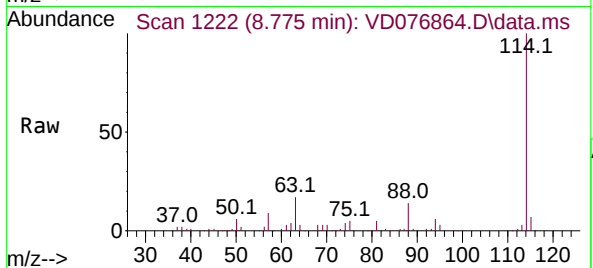
Tgt Ion:114 Resp: 316529

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 13.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.943 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076864.D

Acq: 28 Jul 2023 19:45

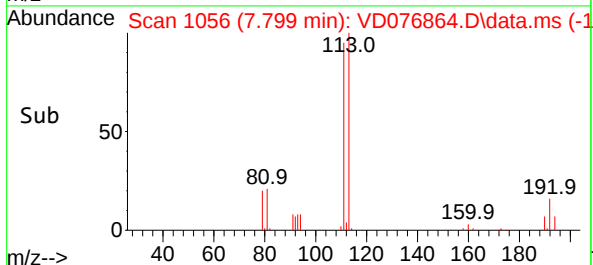
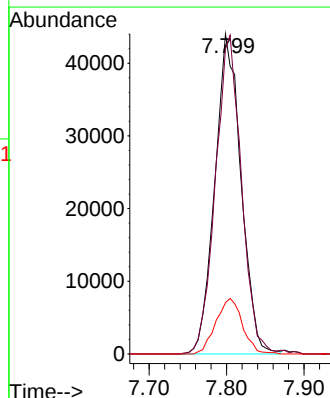
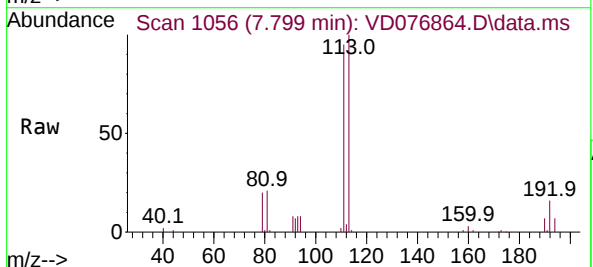
Tgt Ion:113 Resp: 103320

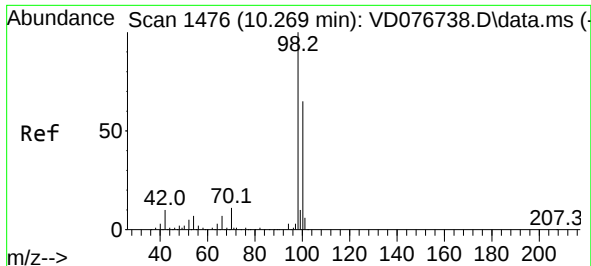
Ion Ratio Lower Upper

113 100

111 99.2 84.7 127.1

192 17.6 16.8 25.2

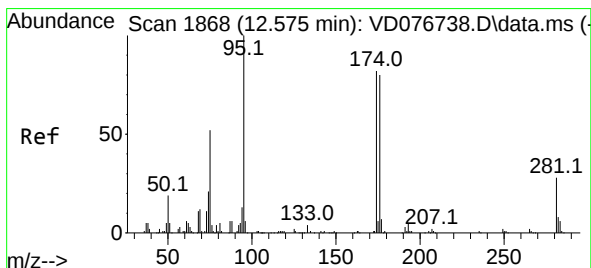
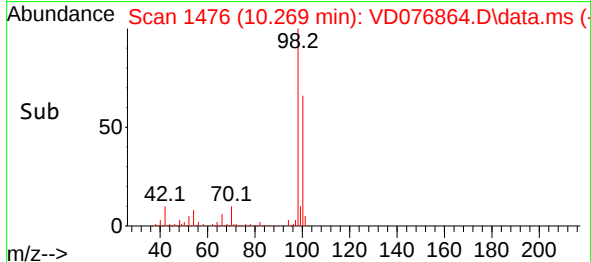
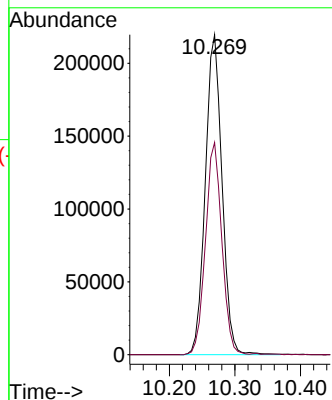
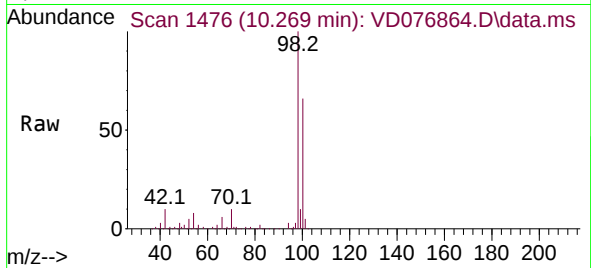




#50
Toluene-d8
Concen: 54.652 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076864.D
Acq: 28 Jul 2023 19:45

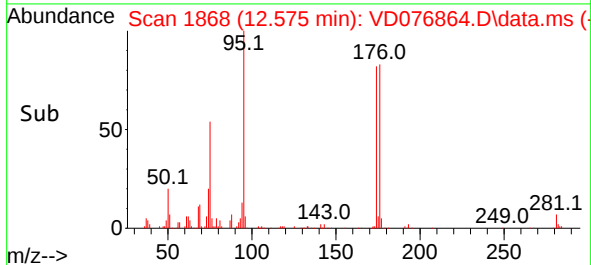
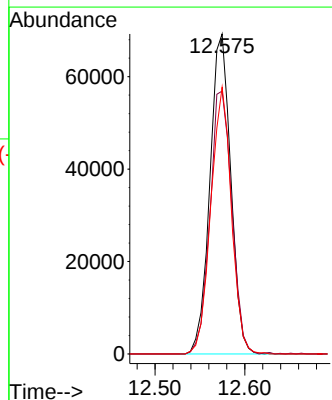
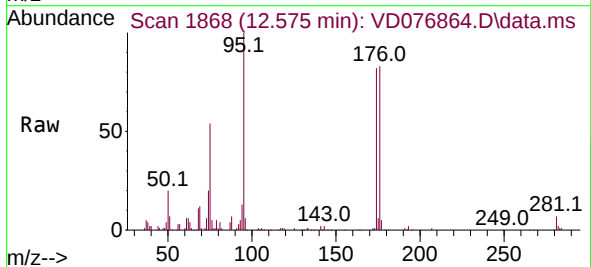
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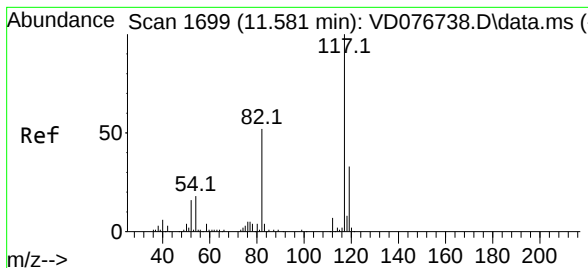
Tgt Ion: 98 Resp: 388887
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.594 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076864.D
Acq: 28 Jul 2023 19:45

Tgt Ion: 95 Resp: 111861
Ion Ratio Lower Upper
95 100
174 85.9 0.0 201.8
176 82.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076864.D

Acq: 28 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

B-P08B

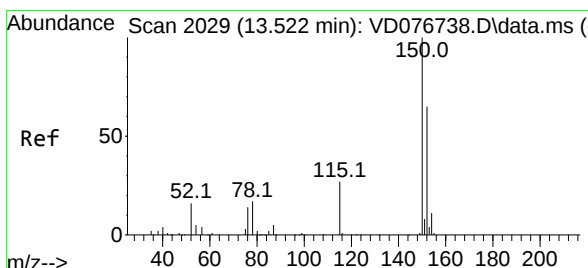
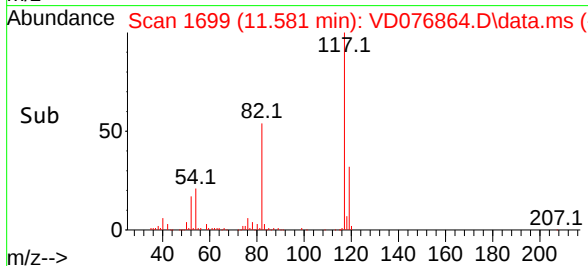
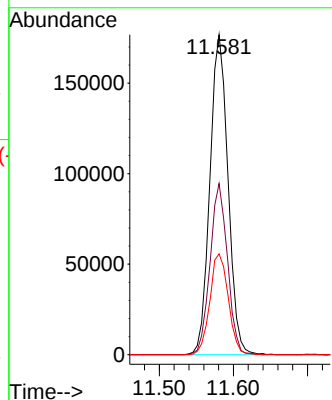
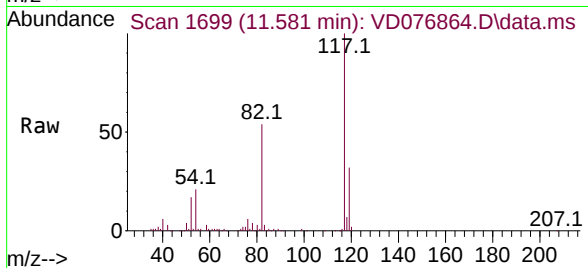
Tgt Ion:117 Resp: 299510

Ion Ratio Lower Upper

117 100

82 53.5 38.3 57.5

119 31.5 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD076864.D

Acq: 28 Jul 2023 19:45

Tgt Ion:152 Resp: 128194

Ion Ratio Lower Upper

152 100

115 59.8 27.1 81.3

150 160.1 0.0 353.6

