

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012623\
 Data File : VD075217.D
 Acq On : 26 Jan 2023 18:13
 Operator : KP/SY
 Sample : 01271-01RE
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-3-012423RE

Quant Time: Jan 27 00:26:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	3813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	6765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	2666	68.519	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.040%	
35) Dibromofluoromethane	7.810	113	2204	53.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.840%	
50) Toluene-d8	10.269	98	7899	49.076	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.160%	
62) 4-Bromofluorobenzene	12.581	95	2406	47.100	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.200%	

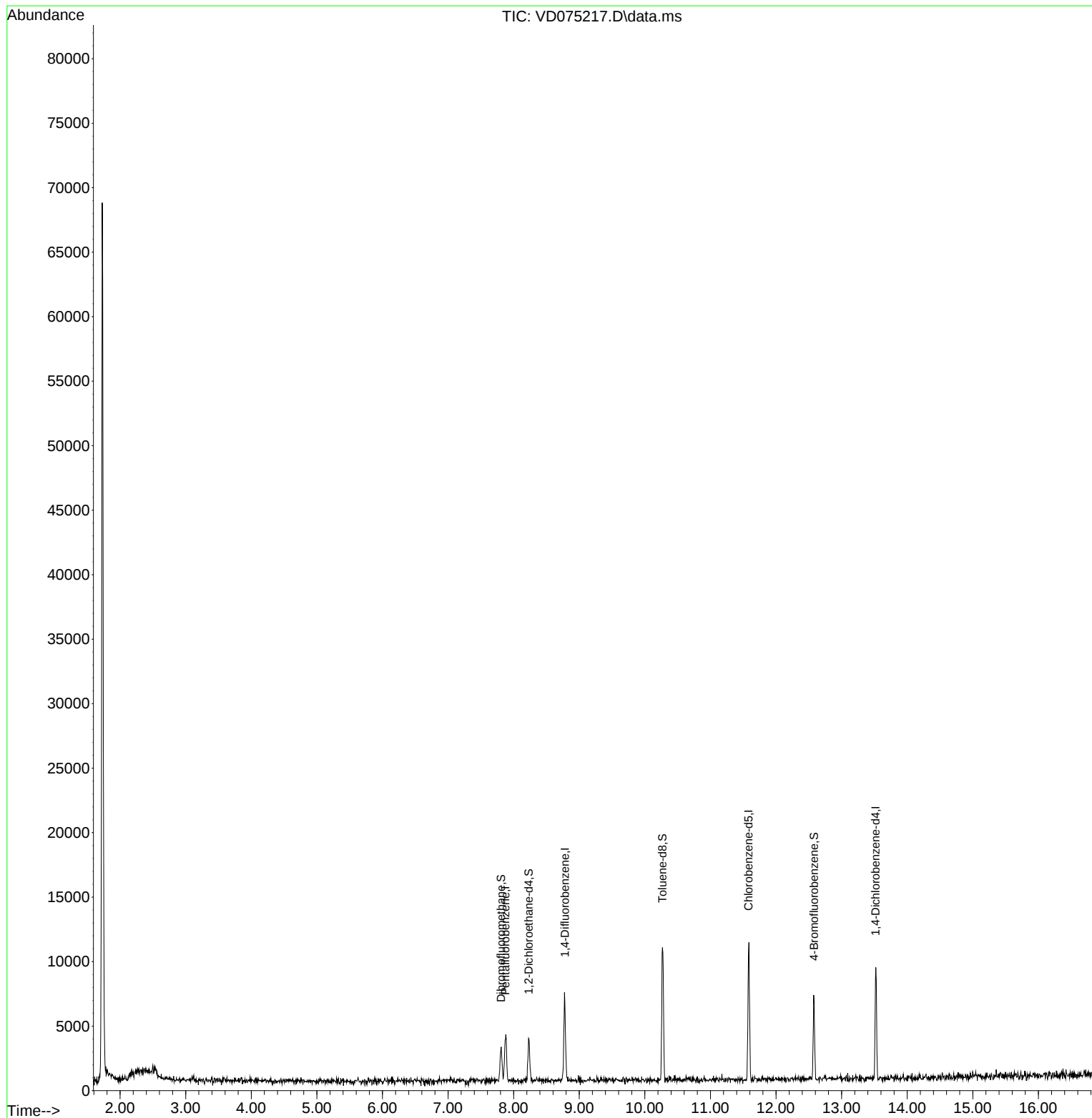
Target Compounds	Qvalue

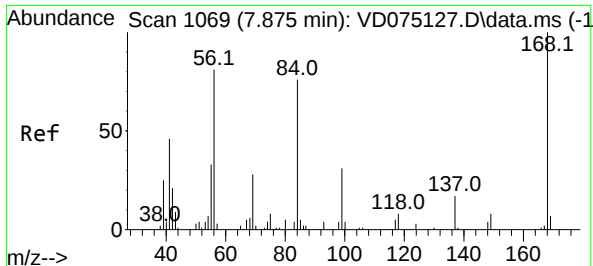
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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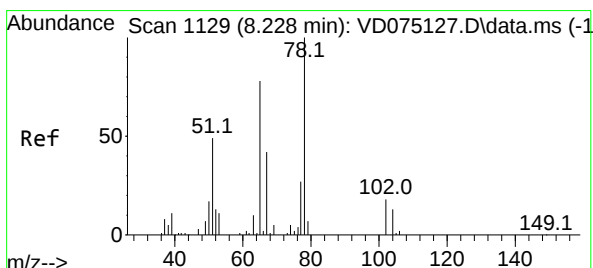
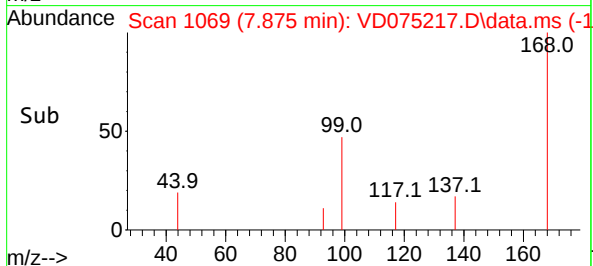
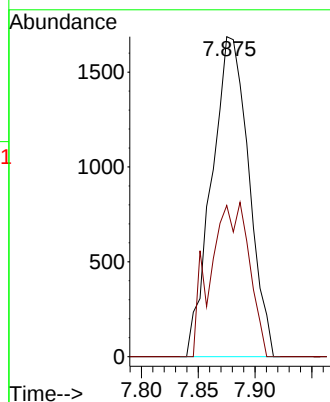
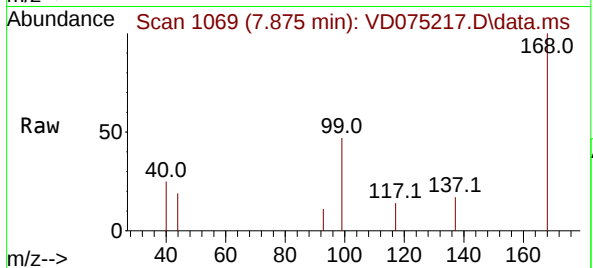




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075217.D
Acq: 26 Jan 2023 18:13

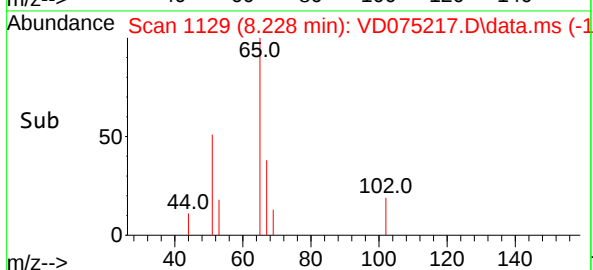
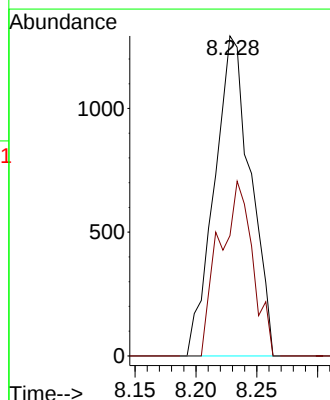
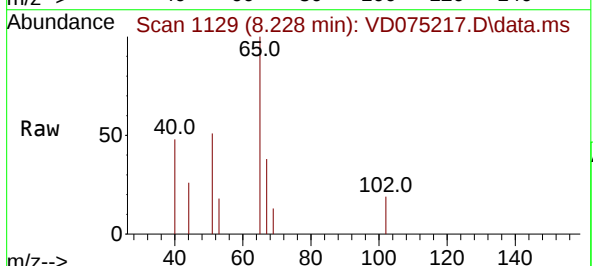
Instrument :
MSVOA_D
ClientSampleId :
SU-3-012423RE

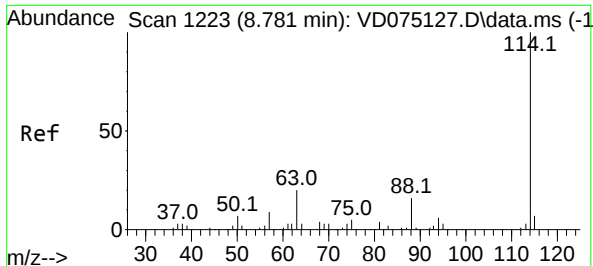
Tgt Ion:168 Resp: 3813
Ion Ratio Lower Upper
168 100
99 47.2 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 68.519 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075217.D
Acq: 26 Jan 2023 18:13

Tgt Ion: 65 Resp: 2666
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075217.D

Acq: 26 Jan 2023 18:13

Instrument :

MSVOA_D

ClientSampleId :

SU-3-012423RE

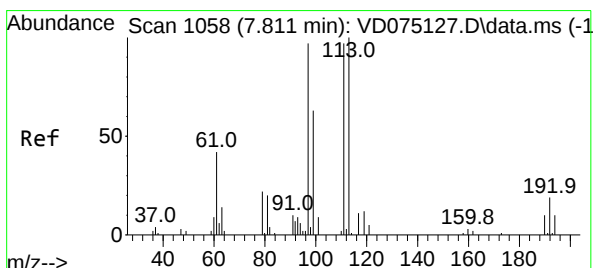
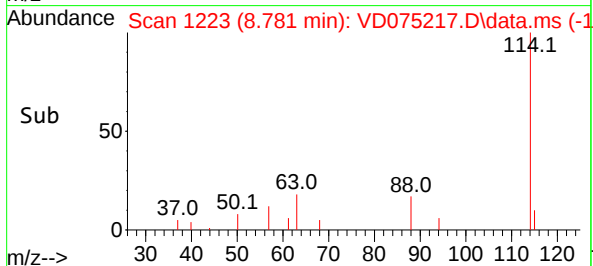
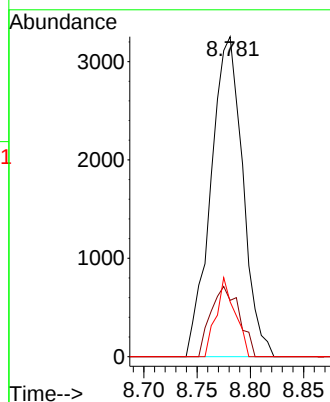
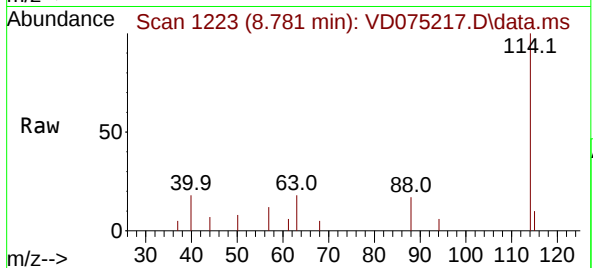
Tgt Ion:114 Resp: 6765

Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.2

88 17.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 53.916 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075217.D

Acq: 26 Jan 2023 18:13

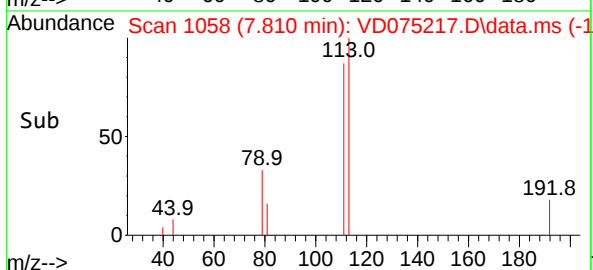
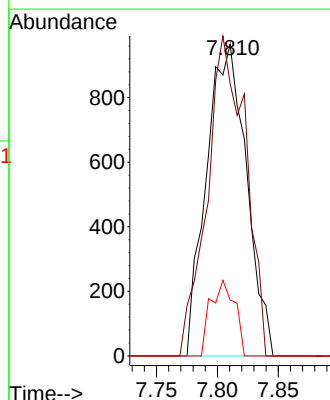
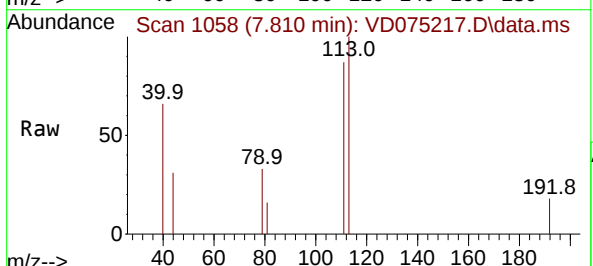
Tgt Ion:113 Resp: 2204

Ion Ratio Lower Upper

113 100

111 98.7 80.1 120.1

192 14.6 15.4 23.0#

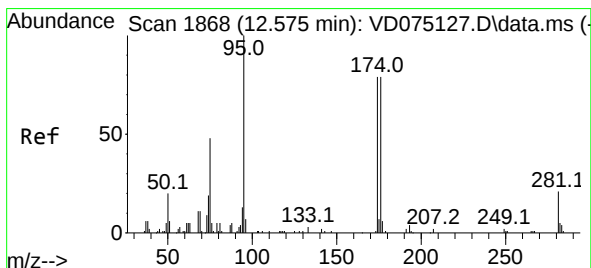
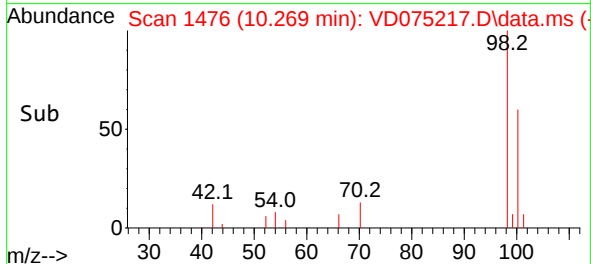
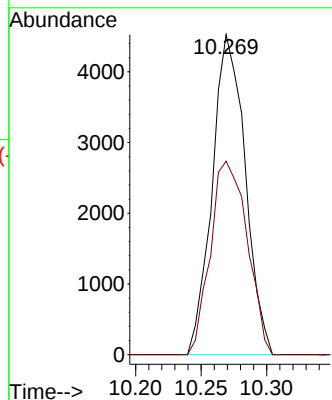
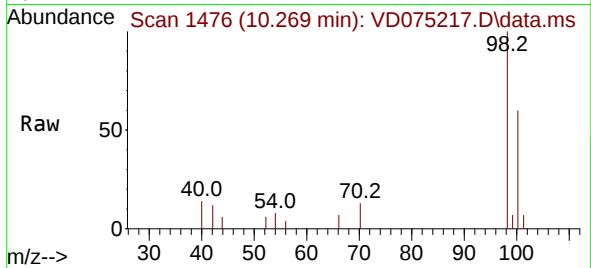




#50
Toluene-d8
Concen: 49.076 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075217.D
Acq: 26 Jan 2023 18:13

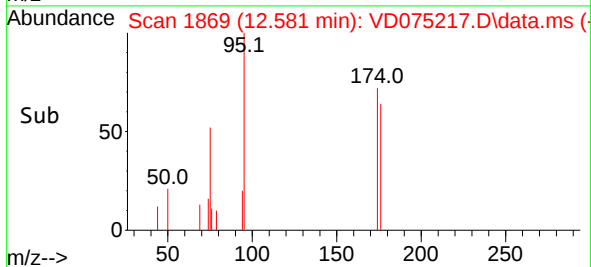
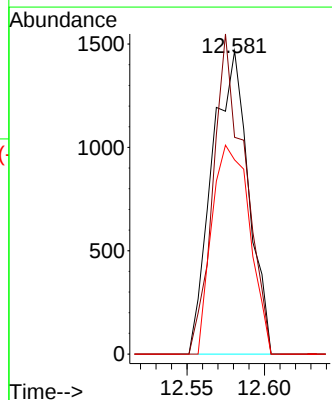
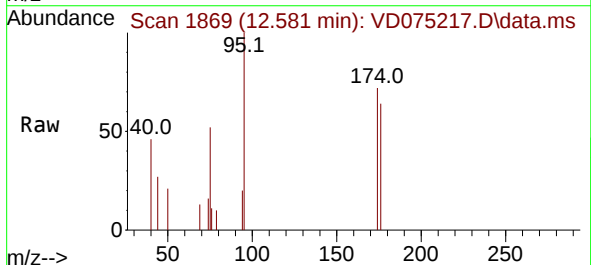
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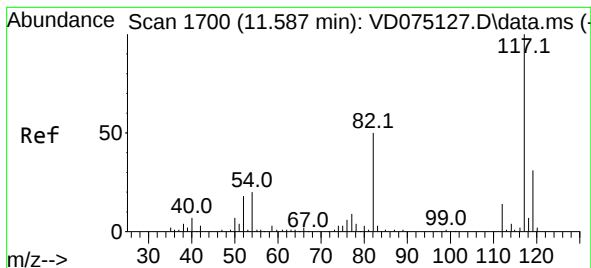
Tgt Ion: 98 Resp: 7899
Ion Ratio Lower Upper
98 100
100 67.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.100 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075217.D
Acq: 26 Jan 2023 18:13

Tgt Ion: 95 Resp: 2406
Ion Ratio Lower Upper
95 100
174 91.4 0.0 161.2
176 71.1 0.0 160.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1699

Delta R.T. -0.006 min

Lab File: VD075217.D

Acq: 26 Jan 2023 18:13

Instrument :

MSVOA_D

ClientSampleId :

SU-3-012423RE

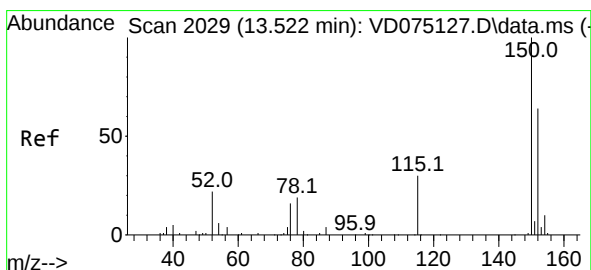
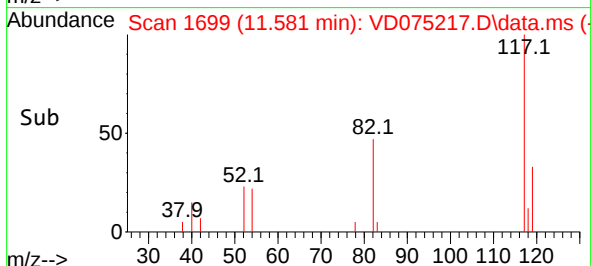
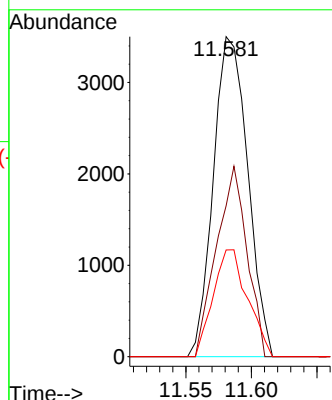
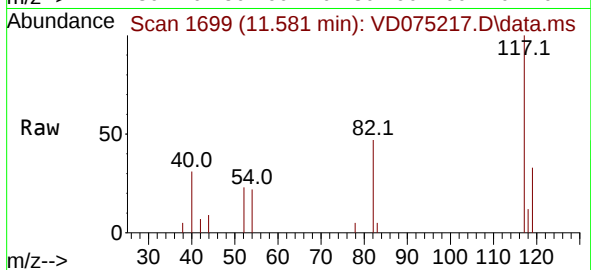
Tgt Ion:117 Resp: 6386

Ion Ratio Lower Upper

117 100

82 47.2 39.6 59.4

119 33.3 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD075217.D

Acq: 26 Jan 2023 18:13

Tgt Ion:152 Resp: 2756

Ion Ratio Lower Upper

152 100

115 54.5 28.8 86.4

150 158.0 0.0 348.6

