

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076174.D
 Acq On : 22 May 2023 14:22
 Operator : KP/SY
 Sample : 02807-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 360RE

Quant Time: May 23 01:24:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	2860	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	5563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	4859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	1479	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	2275	82.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	164.600%#
35) Dibromofluoromethane	7.804	113	2524	65.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.280%
50) Toluene-d8	10.269	98	5277	35.204	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	70.400%
62) 4-Bromofluorobenzene	12.575	95	1504	36.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.240%

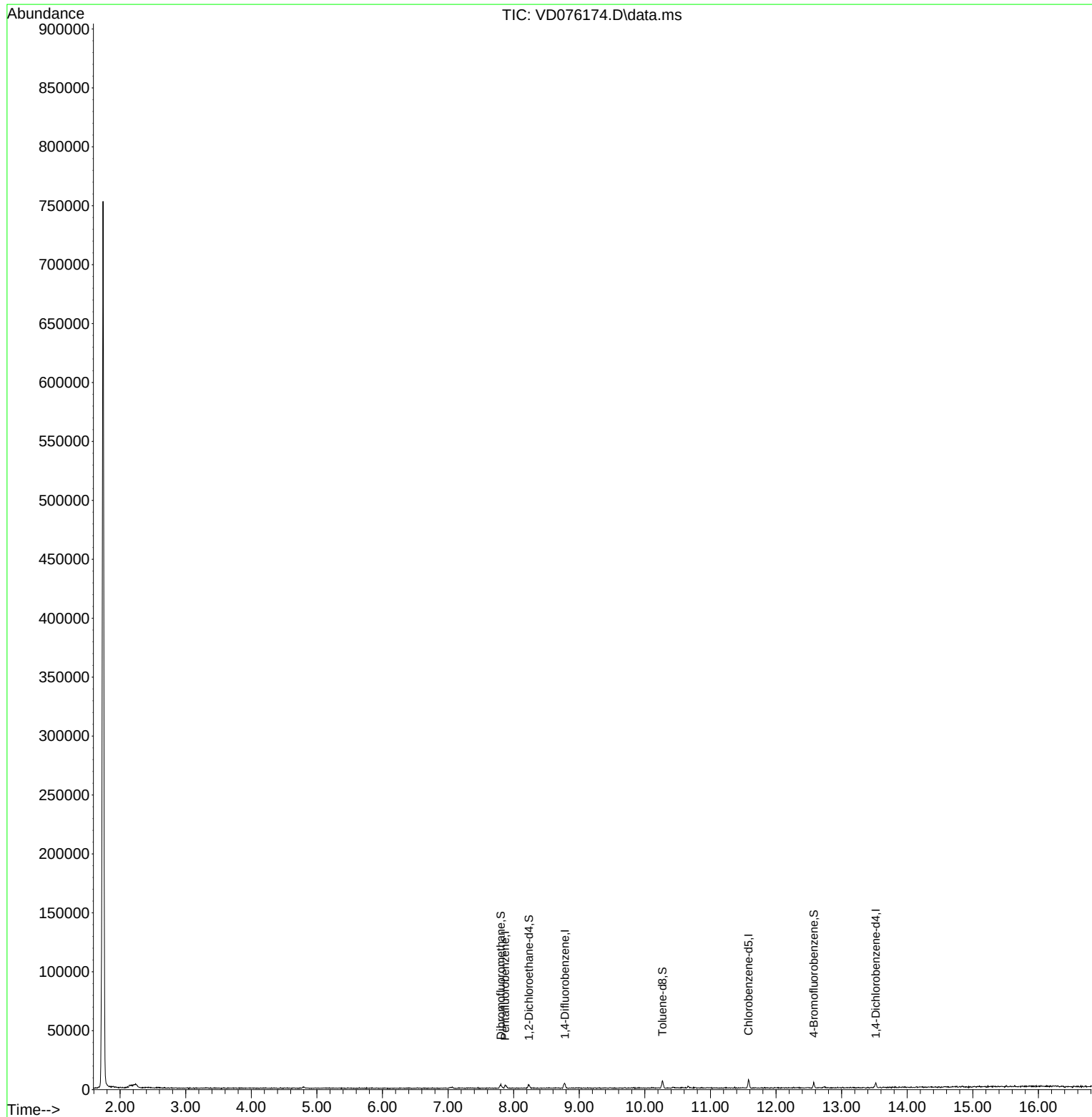
Target Compounds	Qvalue

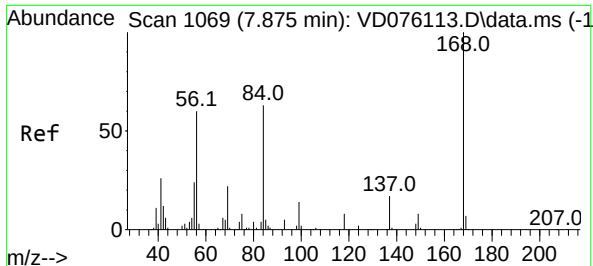
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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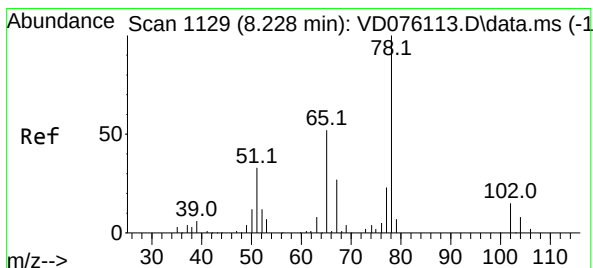
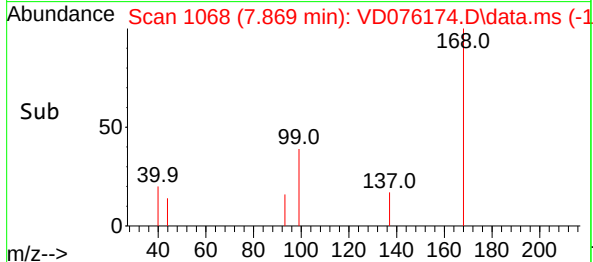
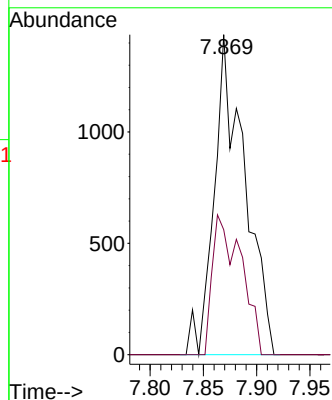
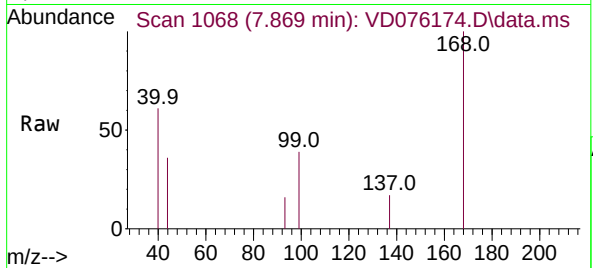




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD076174.D
Acq: 22 May 2023 14:22

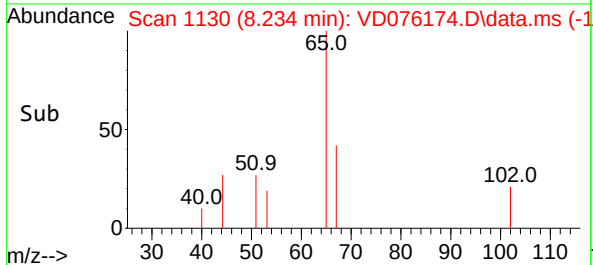
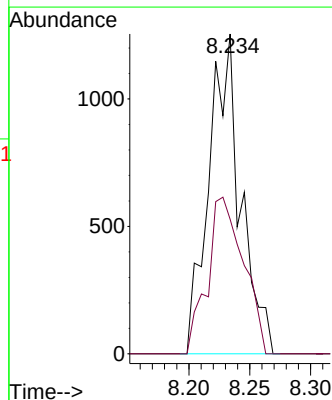
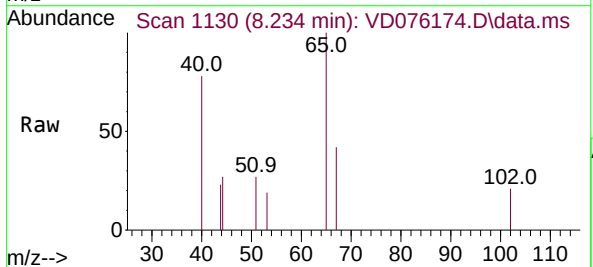
Instrument :
MSVOA_D
ClientSampleId :
360RE

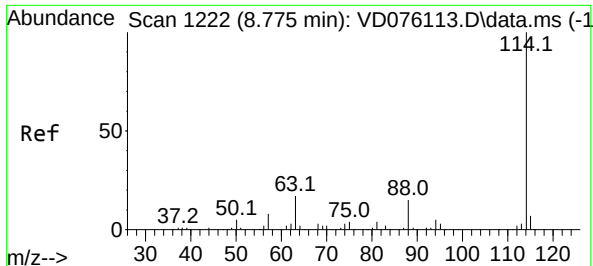
Tgt Ion:168 Resp: 2860
Ion Ratio Lower Upper
168 100
99 39.0 43.8 65.6#



#33
1,2-Dichloroethane-d4
Concen: 82.305 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD076174.D
Acq: 22 May 2023 14:22

Tgt Ion: 65 Resp: 2275
Ion Ratio Lower Upper
65 100
67 55.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD076174.D

Acq: 22 May 2023 14:22

Instrument :

MSVOA_D

ClientSampleId :

360RE

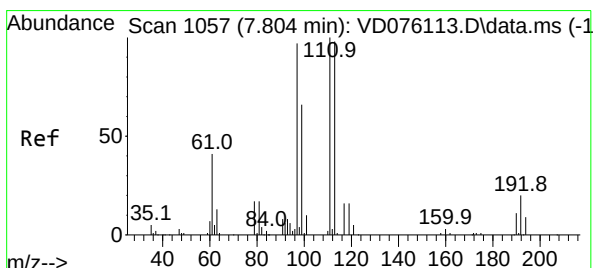
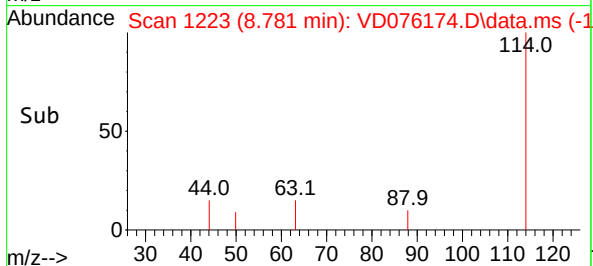
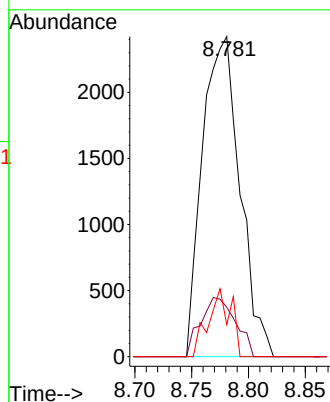
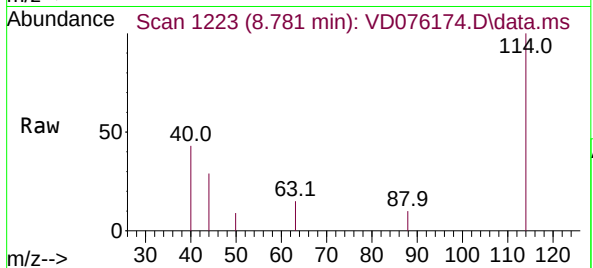
Tgt Ion:114 Resp: 5563

Ion Ratio Lower Upper

114 100

63 15.4 0.0 41.6

88 10.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 65.640 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076174.D

Acq: 22 May 2023 14:22

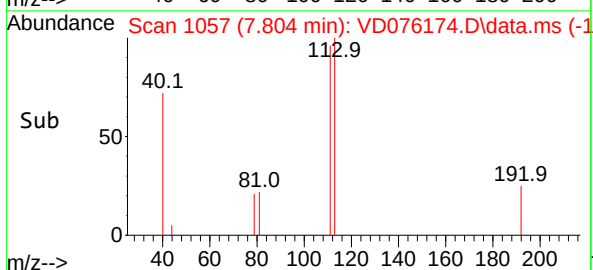
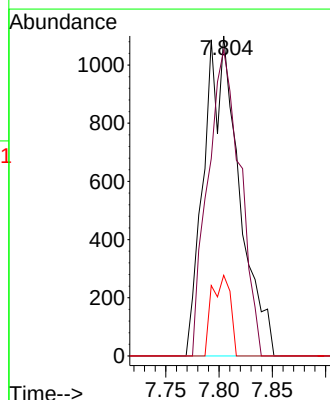
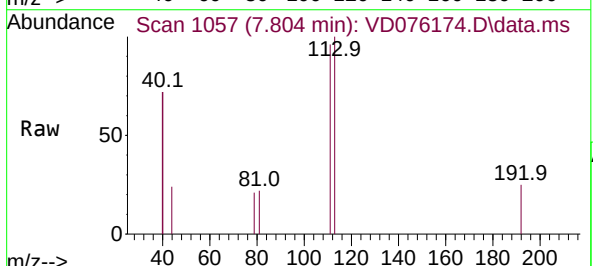
Tgt Ion:113 Resp: 2524

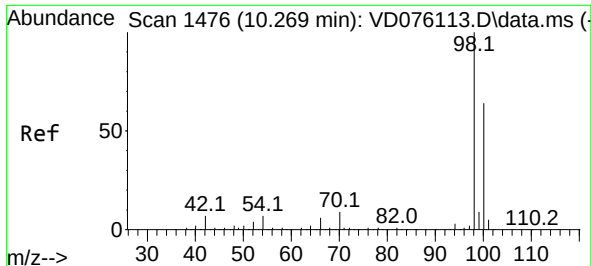
Ion Ratio Lower Upper

113 100

111 87.7 81.4 122.0

192 13.2 15.2 22.8#

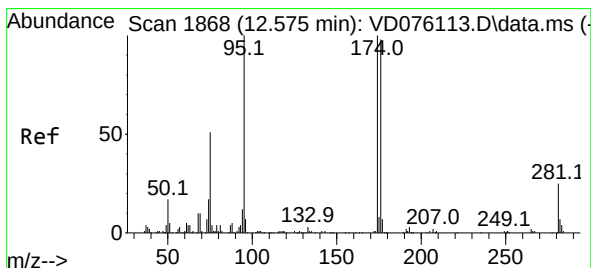
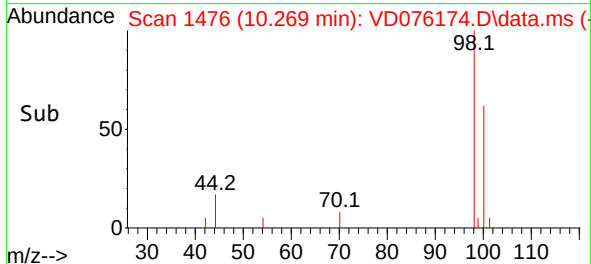
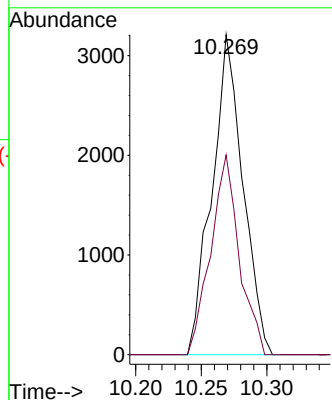
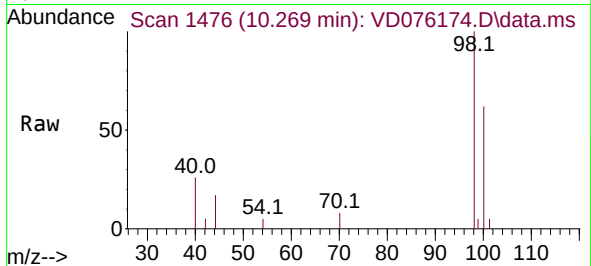




#50
Toluene-d8
Concen: 35.204 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076174.D
Acq: 22 May 2023 14:22

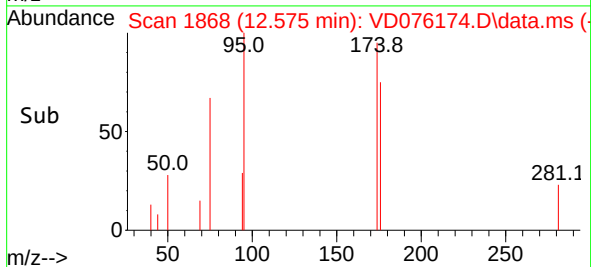
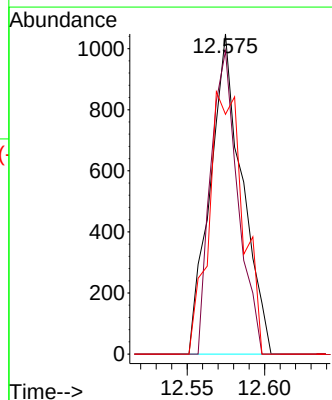
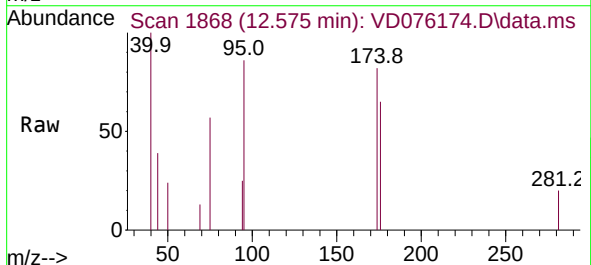
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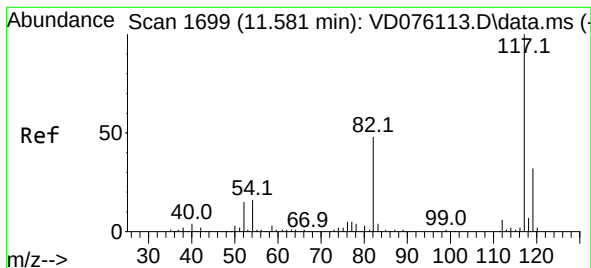
Tgt Ion: 98 Resp: 5277
Ion Ratio Lower Upper
98 100
100 57.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 36.120 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076174.D
Acq: 22 May 2023 14:22

Tgt Ion: 95 Resp: 1504
Ion Ratio Lower Upper
95 100
174 80.5 0.0 164.0
176 87.6 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076174.D

Acq: 22 May 2023 14:22

Instrument :

MSVOA_D

ClientSampleId :

360RE

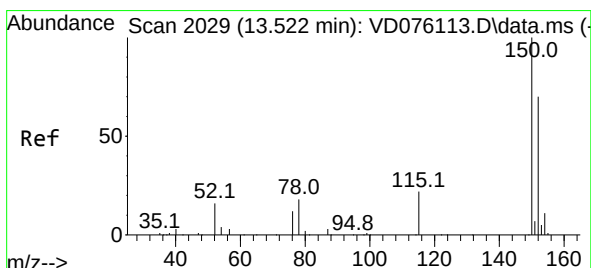
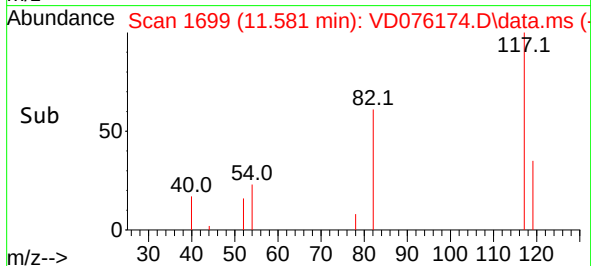
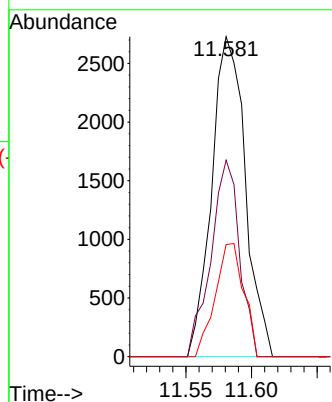
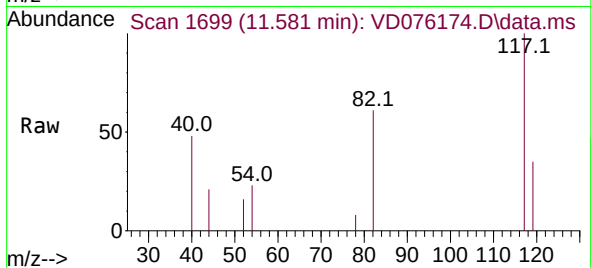
Tgt Ion:117 Resp: 4859

Ion Ratio Lower Upper

117 100

82 61.4 44.0 66.0

119 35.0 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD076174.D

Acq: 22 May 2023 14:22

Tgt Ion:152 Resp: 1479

Ion Ratio Lower Upper

152 100

115 52.6 30.1 90.3

150 154.6 0.0 364.8

