

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076158.D
 Acq On : 19 May 2023 15:41
 Operator : KP/SY
 Sample : 02847-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-051823

Quant Time: May 22 01:29:49 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	7.881	168	5848	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	12215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	12940	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	4902	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	6498	114.969	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	229.940%#
35) Dibromofluoromethane	7.805	113	5487	64.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.980%
50) Toluene-d8	10.275	98	12455	37.841	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.680%
62) 4-Bromofluorobenzene	12.575	95	4128	45.149	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.300%

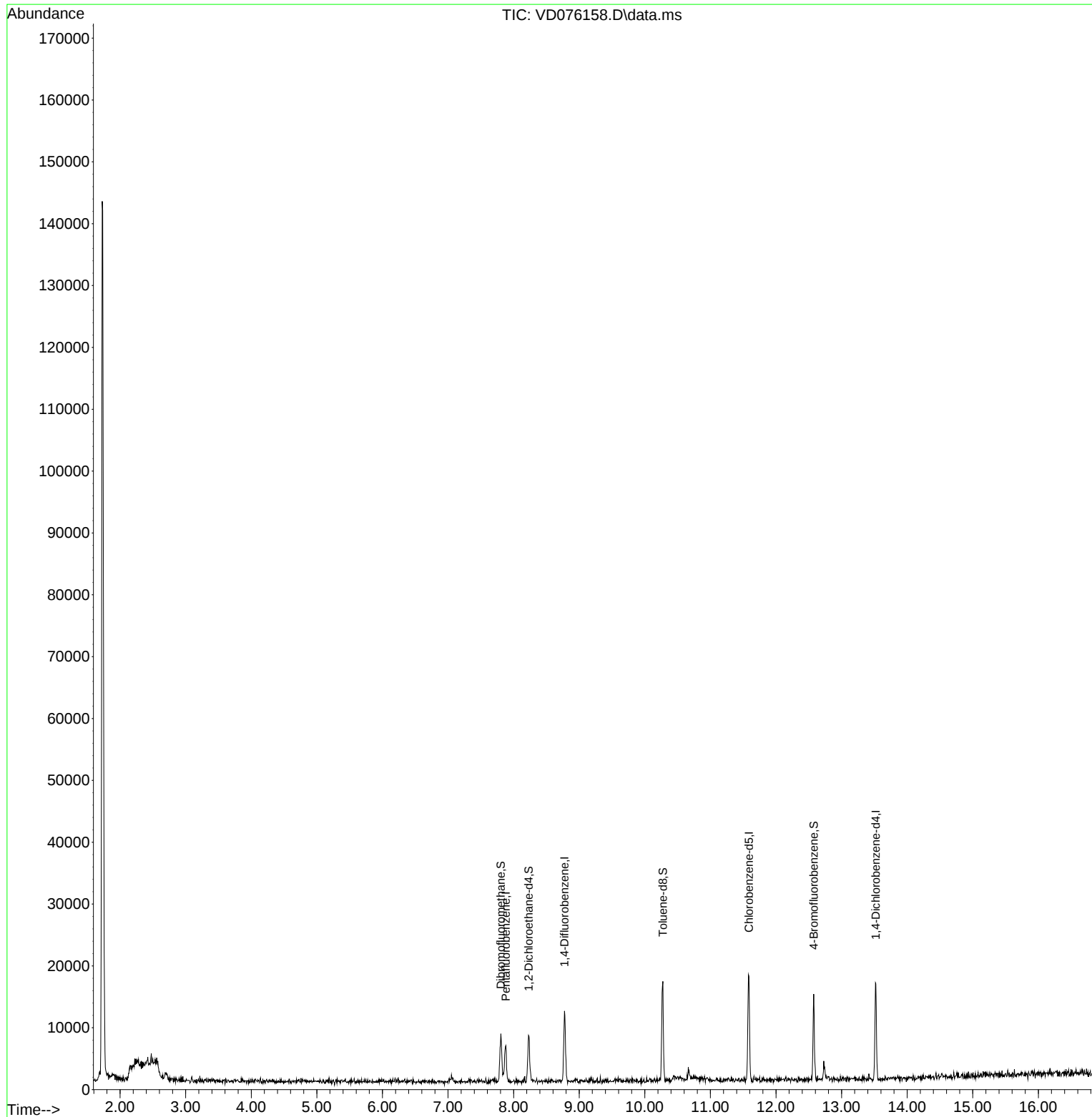
Target Compounds	Qvalue

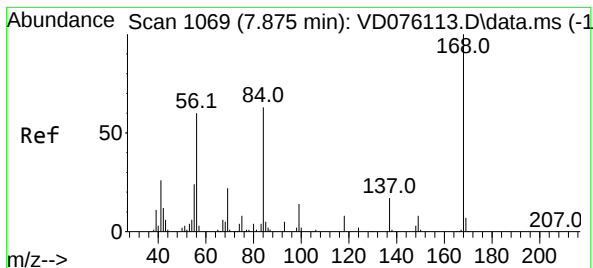
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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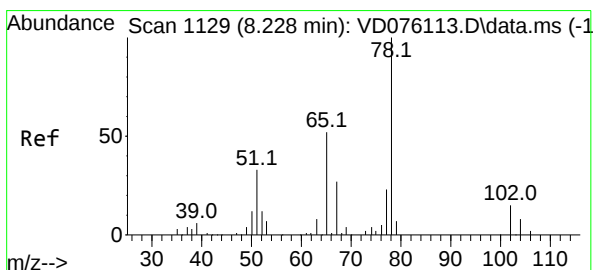
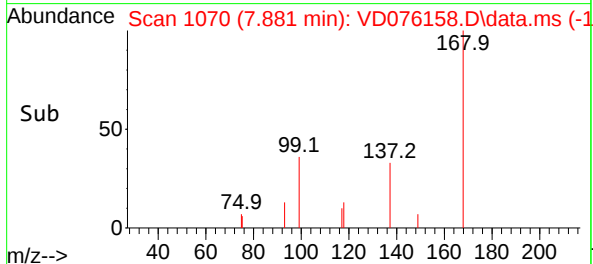
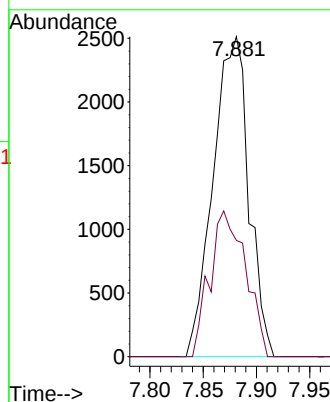
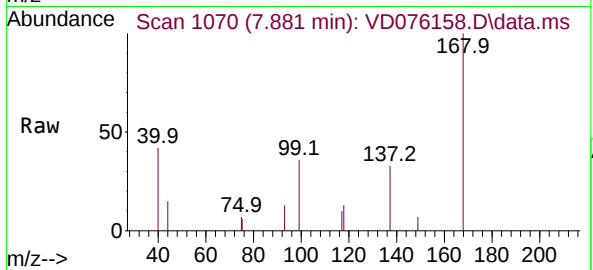




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD076158.D
Acq: 19 May 2023 15:41

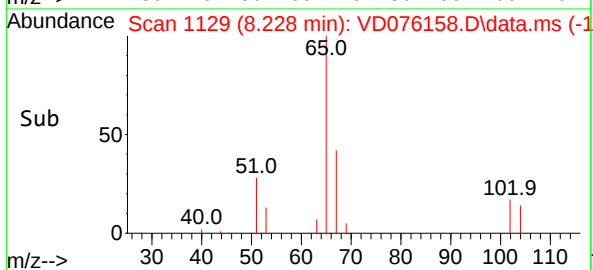
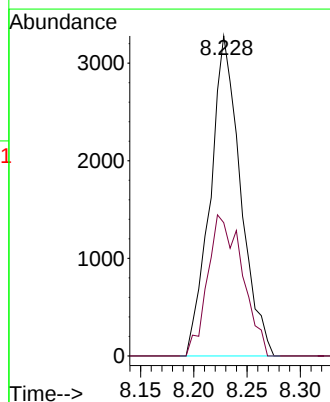
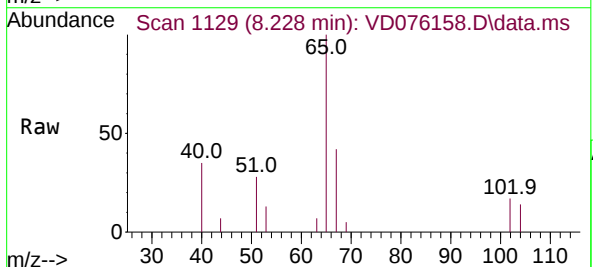
Instrument :
MSVOA_D
ClientSampleId :
TR-04-051823

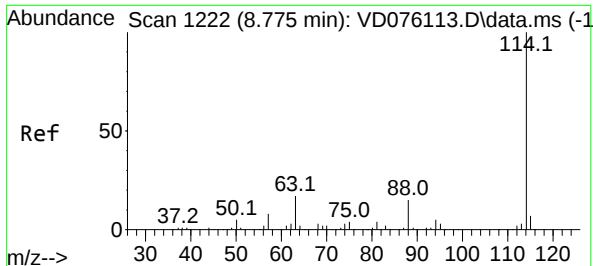
Tgt Ion:168 Resp: 5848
Ion Ratio Lower Upper
168 100
99 36.4 43.8 65.6#



#33
1,2-Dichloroethane-d4
Concen: 114.969 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076158.D
Acq: 19 May 2023 15:41

Tgt Ion: 65 Resp: 6498
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076158.D

Acq: 19 May 2023 15:41

Instrument :

MSVOA_D

ClientSampleId :

TR-04-051823

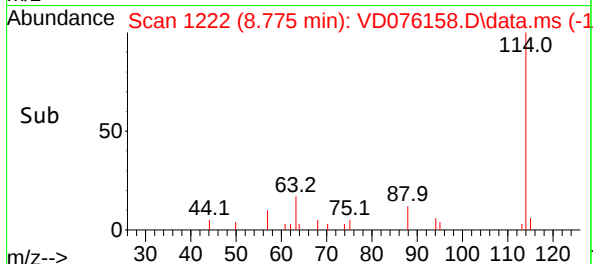
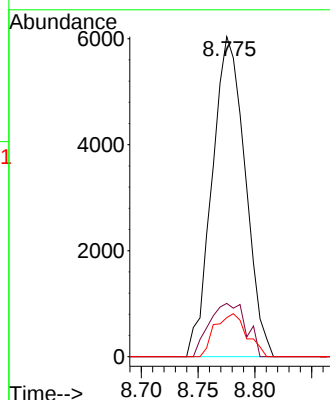
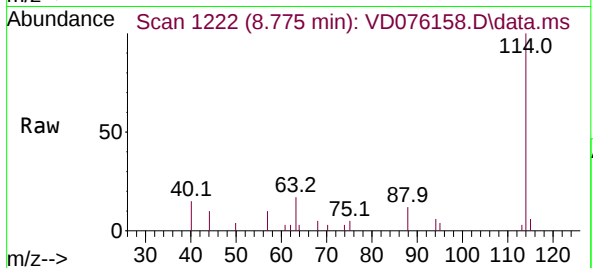
Tgt Ion:114 Resp: 12215

Ion Ratio Lower Upper

114 100

63 16.7 0.0 41.6

88 12.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 64.987 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076158.D

Acq: 19 May 2023 15:41

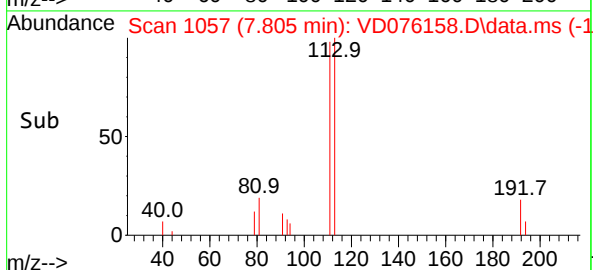
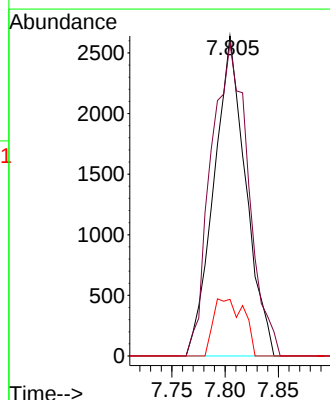
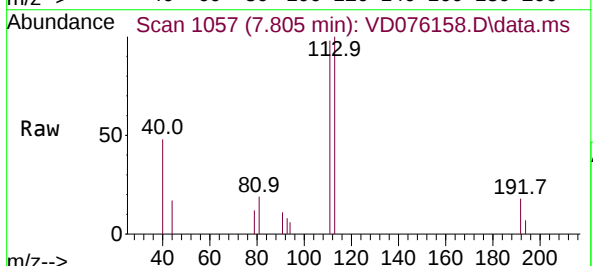
Tgt Ion:113 Resp: 5487

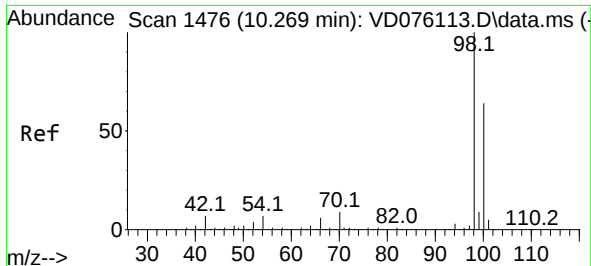
Ion Ratio Lower Upper

113 100

111 114.2 81.4 122.0

192 17.0 15.2 22.8

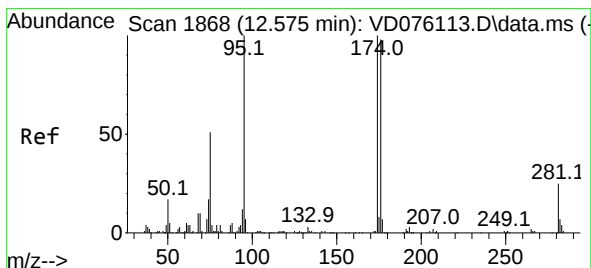
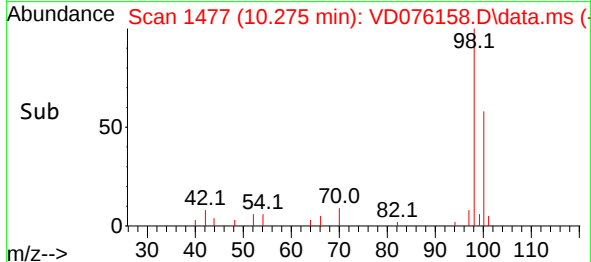
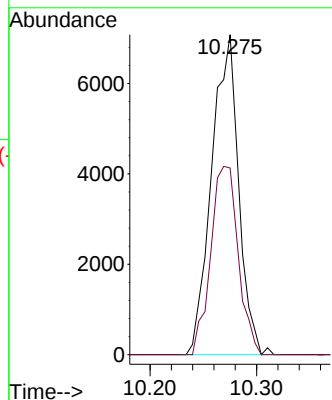
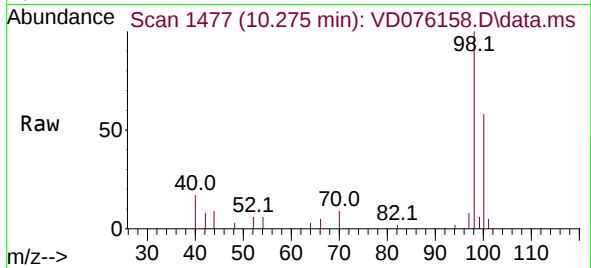




#50
Toluene-d8
Concen: 37.841 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD076158.D
Acq: 19 May 2023 15:41

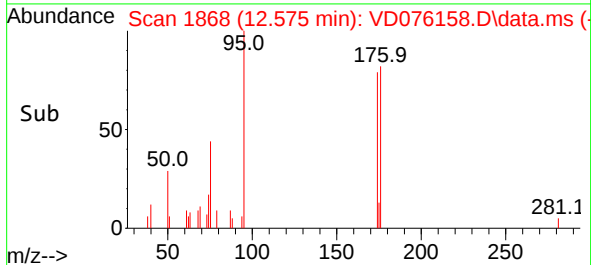
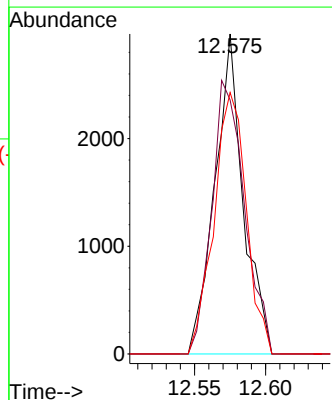
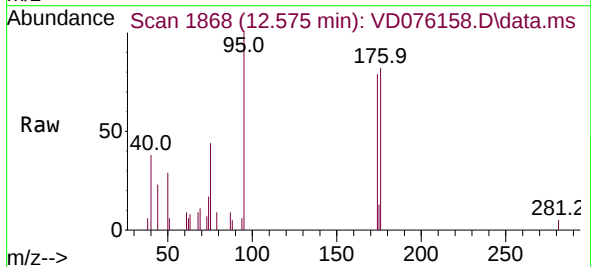
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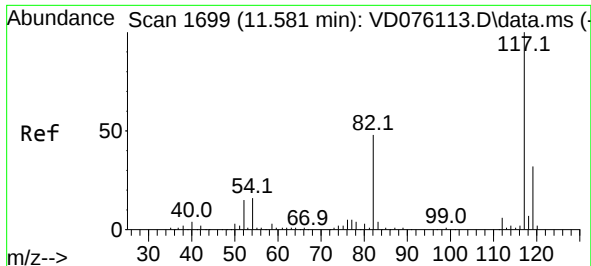
Tgt Ion: 98 Resp: 12455
Ion Ratio Lower Upper
98 100
100 60.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.149 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076158.D
Acq: 19 May 2023 15:41

Tgt Ion: 95 Resp: 4128
Ion Ratio Lower Upper
95 100
174 98.7 0.0 164.0
176 93.1 0.0 156.8

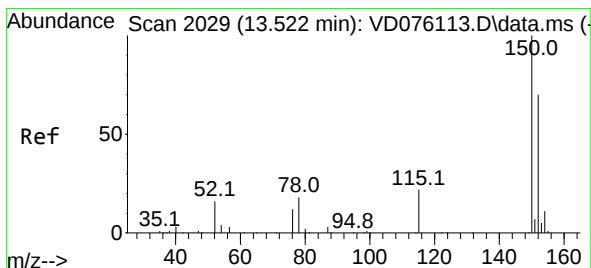
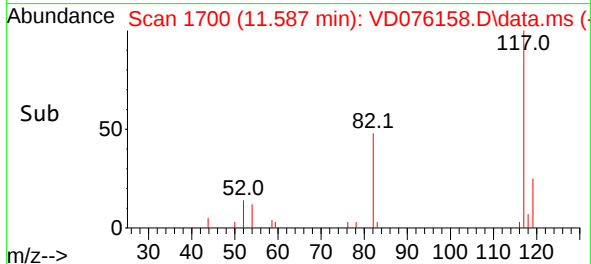
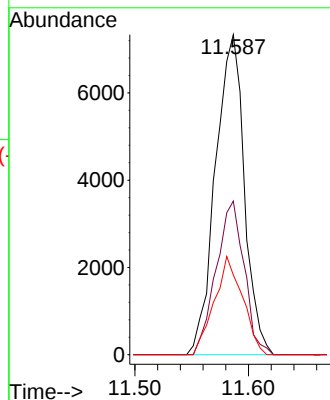
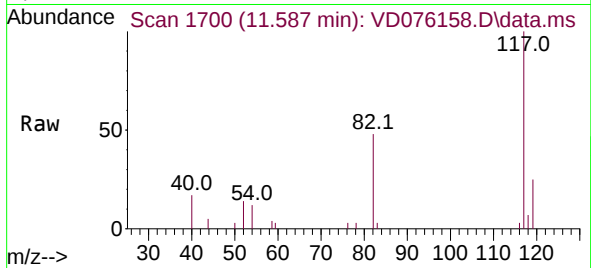




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076158.D
Acq: 19 May 2023 15:41

Instrument :
MSVOA_D
ClientSampleId :
TR-04-051823

Tgt Ion:117 Resp: 12940
Ion Ratio Lower Upper
117 100
82 48.0 44.0 66.0
119 24.9 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: VD076158.D
Acq: 19 May 2023 15:41

Tgt Ion:152 Resp: 4902
Ion Ratio Lower Upper
152 100
115 54.1 30.1 90.3
150 165.6 0.0 364.8

