

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076136.D
 Acq On : 18 May 2023 13:04
 Operator : KP/SY
 Sample : 02823-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-051723

Quant Time: May 19 01:52:42 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	7.875	168	132635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	278315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	278608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	131601	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	109943	85.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	171.540%#
35) Dibromofluoromethane	7.805	113	134296	69.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	139.620%
50) Toluene-d8	10.269	98	379430	50.595	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.200%
62) 4-Bromofluorobenzene	12.575	95	109441	52.535	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.060%

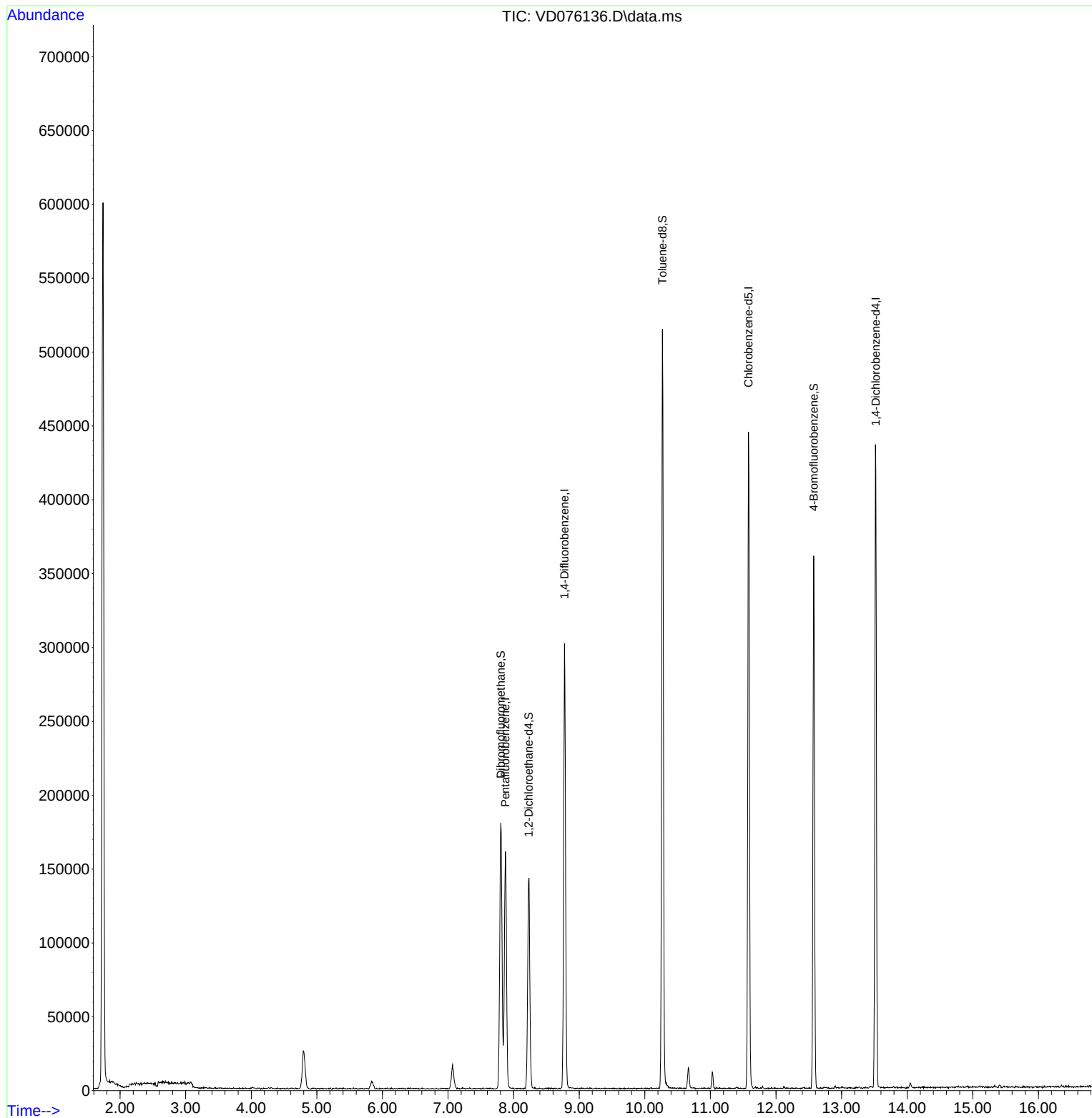
Target Compounds	Qvalue

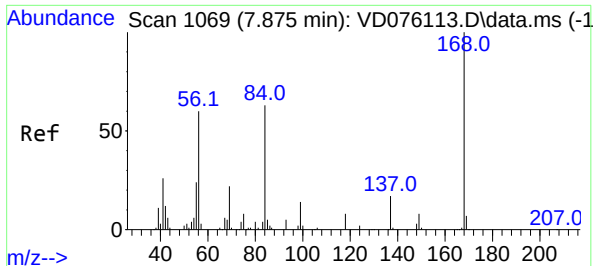
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

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MSVOA_D

ClientSampleId :

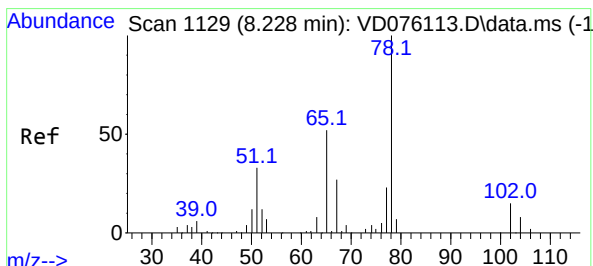
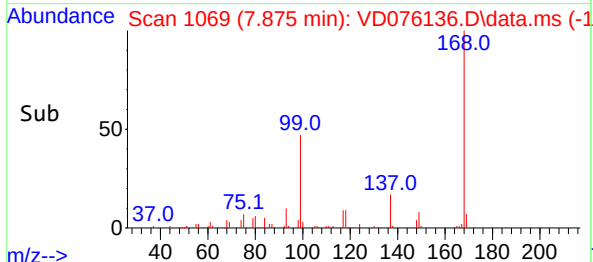
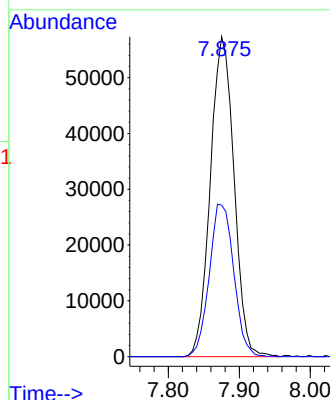
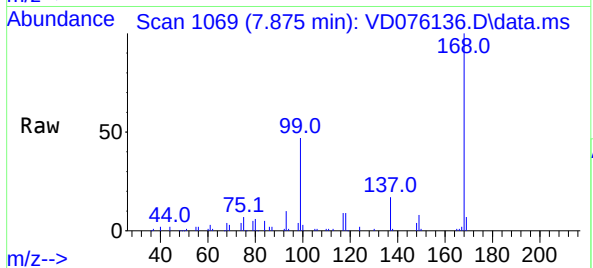
HD-02-051723

Tgt Ion:168 Resp: 132635

Ion Ratio Lower Upper

168 100

99 47.3 43.8 65.6



1,2-Dichloroethane-d4

Concen: 85.767 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076136.D

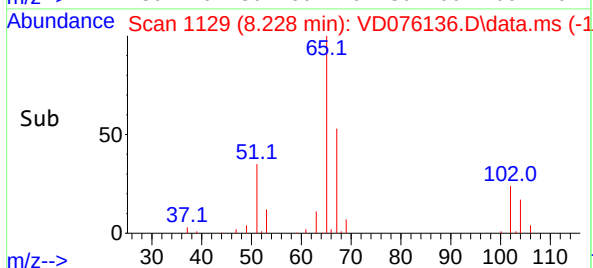
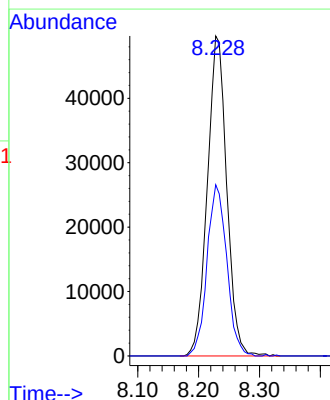
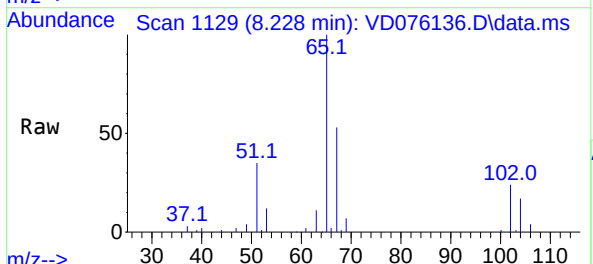
Acq: 18 May 2023 13:04

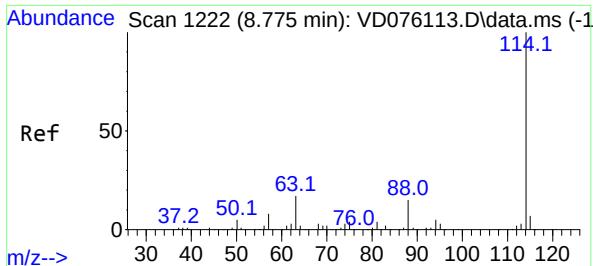
Tgt Ion: 65 Resp: 109943

Ion Ratio Lower Upper

65 100

67 54.3 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: VD076136.D

Acq: 18 May 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :

HD-02-051723

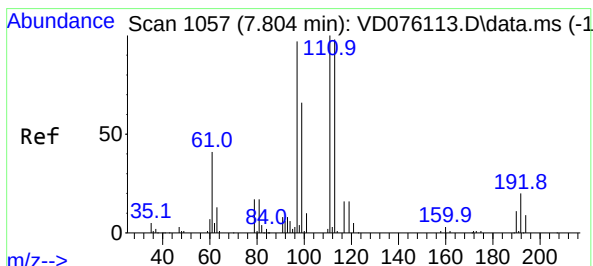
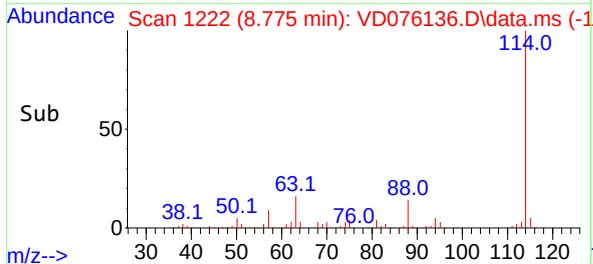
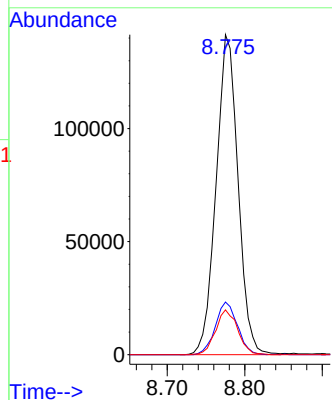
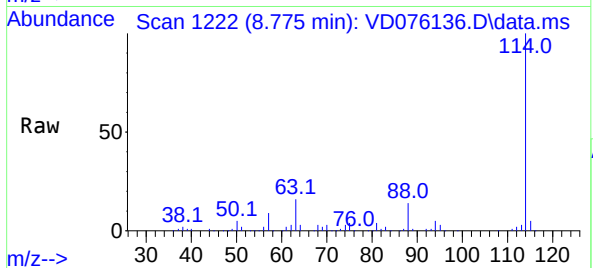
Tgt Ion:114 Resp: 278315

Ion Ratio Lower Upper

114 100

63 16.5 0.0 41.6

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 69.809 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076136.D

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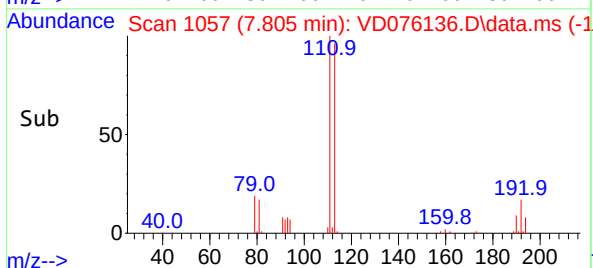
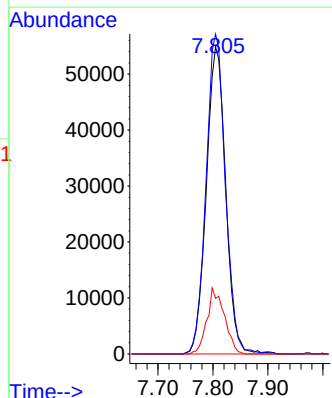
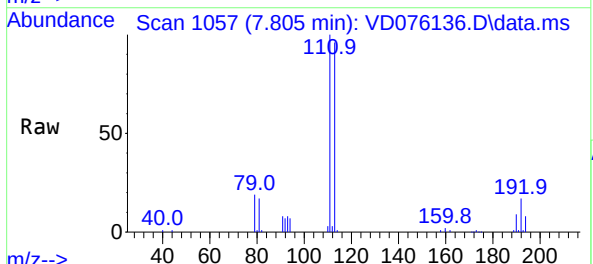
Tgt Ion:113 Resp: 134296

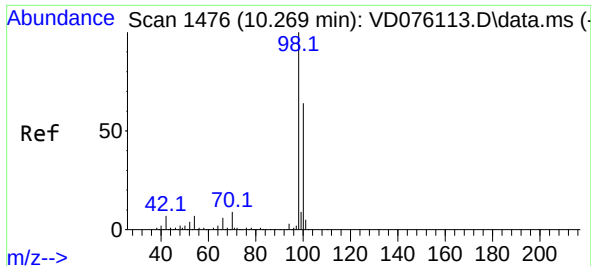
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 19.3 15.2 22.8

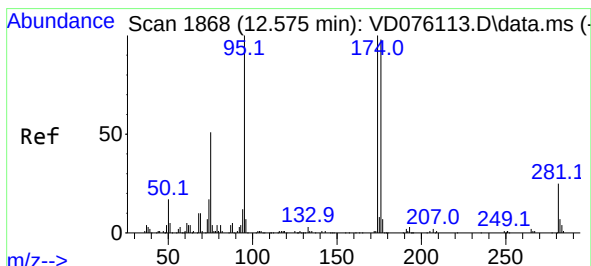
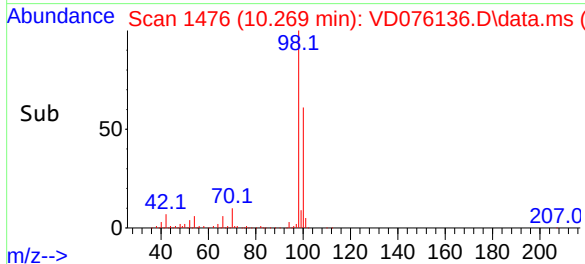
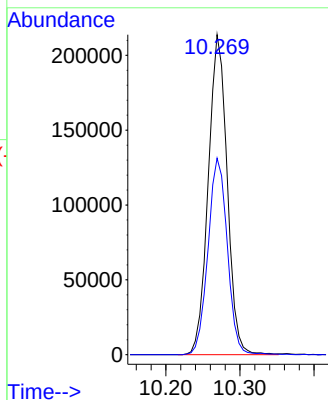
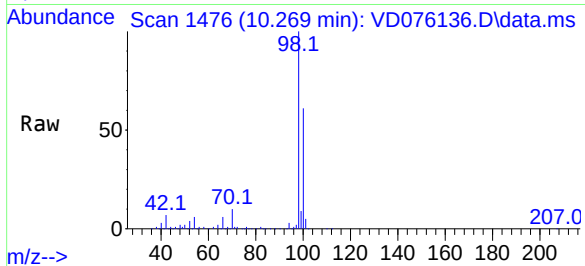




#50
Toluene-d8
Concen: 50.595 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

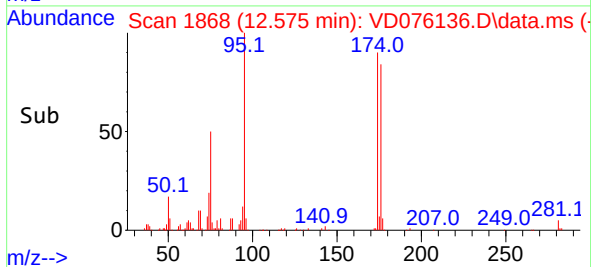
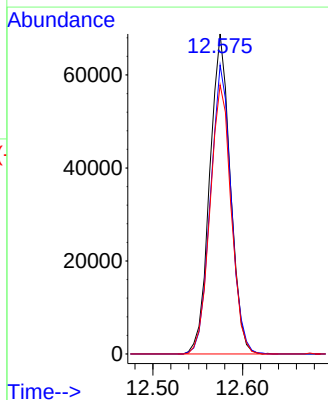
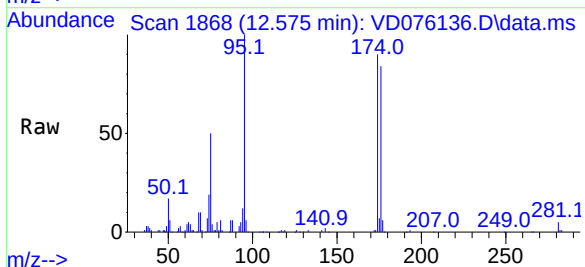
Instrument :
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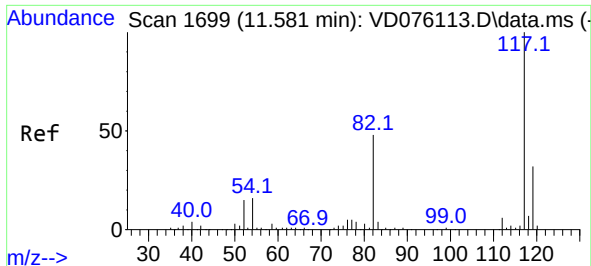
Tgt Ion: 98 Resp: 379430
Ion Ratio Lower Upper
98 100
100 62.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.535 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

Tgt Ion: 95 Resp: 109441
Ion Ratio Lower Upper
95 100
174 90.7 0.0 164.0
176 86.2 0.0 156.8

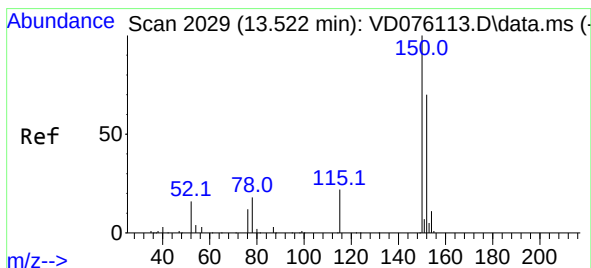
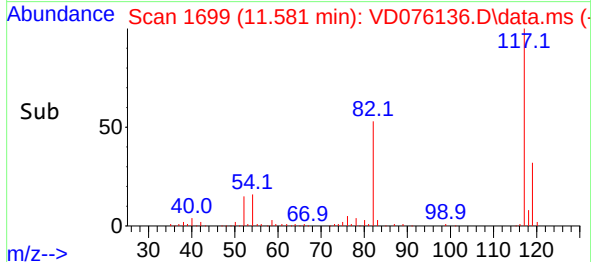
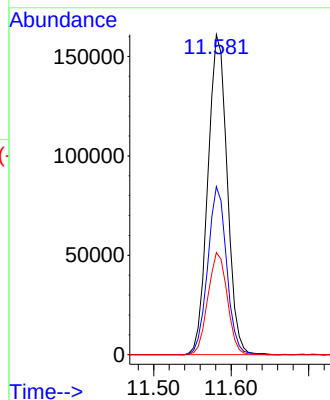
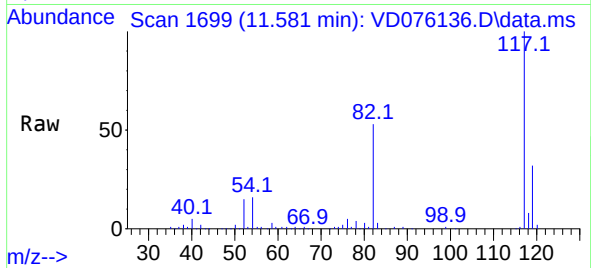




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076136.D
Acq: 18 May 2023 13:04

Instrument :
MSVOA_D
ClientSampleId :
HD-02-051723

Tgt Ion:117 Resp: 278608
Ion Ratio Lower Upper
117 100
82 52.5 44.0 66.0
119 31.9 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: VD076136.D
Acq: 18 May 2023 13:04

Tgt Ion:152 Resp: 131601
Ion Ratio Lower Upper
152 100
115 52.2 30.1 90.3
150 159.1 0.0 364.8

