

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076139.D
 Acq On : 18 May 2023 14:32
 Operator : KP/SY
 Sample : 02816-01
 Misc : 6.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-K2-SO-3.5-051623

Quant Time: May 19 01:53:17 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	186654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	384785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	368497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	173178	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	137265	76.091	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.180%
35) Dibromofluoromethane	7.804	113	165543	62.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.480%
50) Toluene-d8	10.269	98	508165	49.012	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.575	95	145400	50.484	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.960%

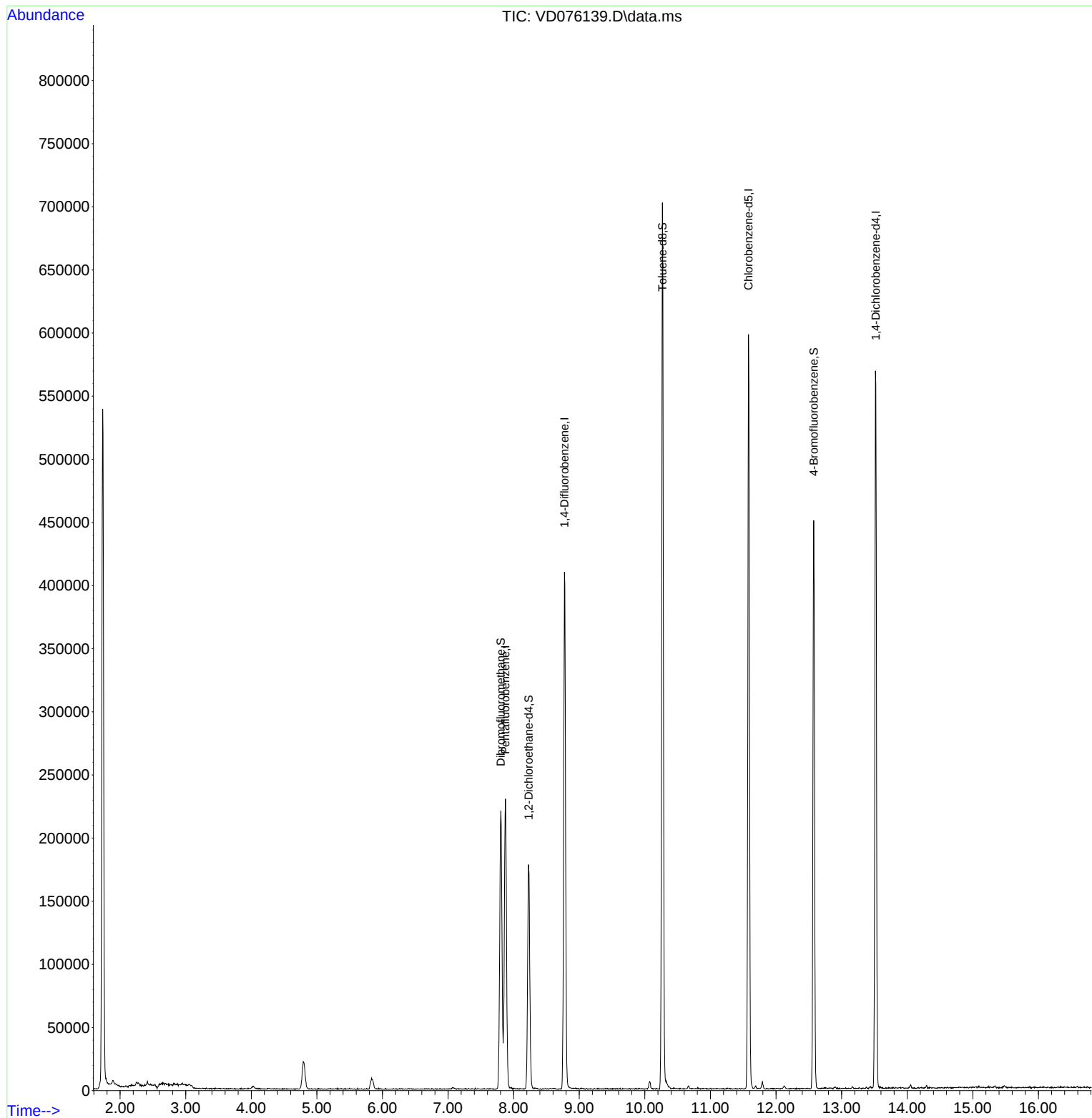
Target Compounds	Qvalue

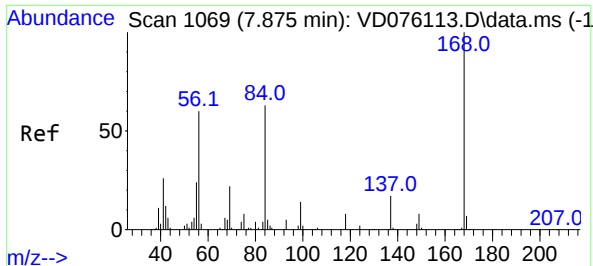
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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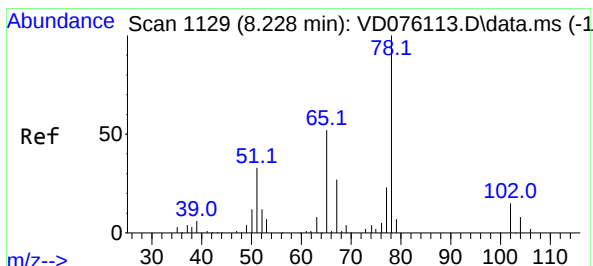
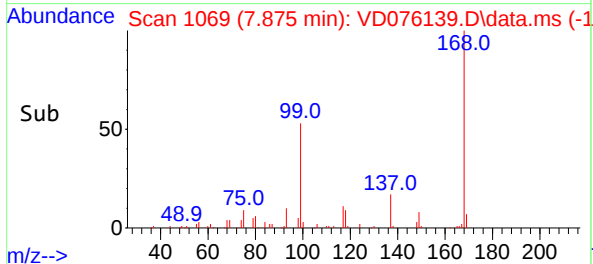
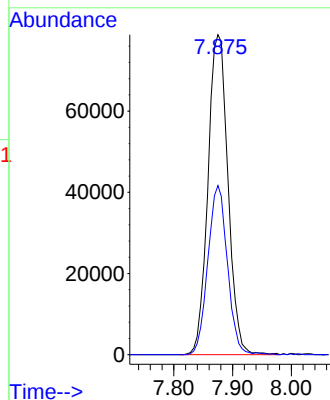
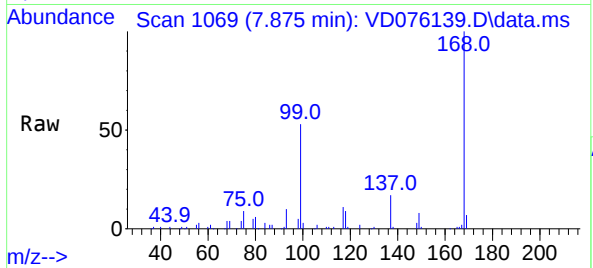




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076139.D
Acq: 18 May 2023 14:32

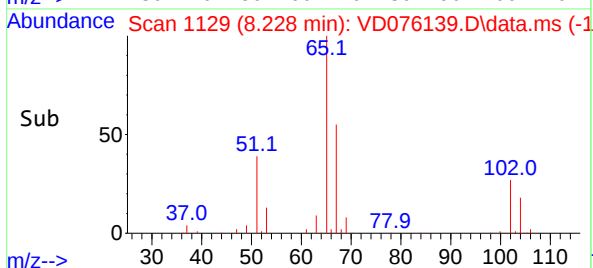
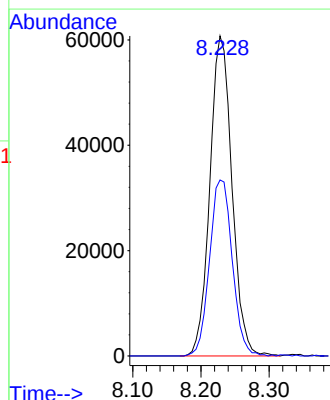
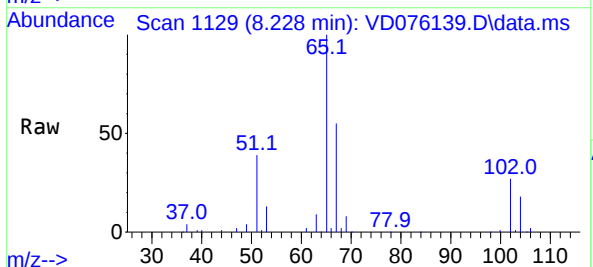
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-3.5-051623

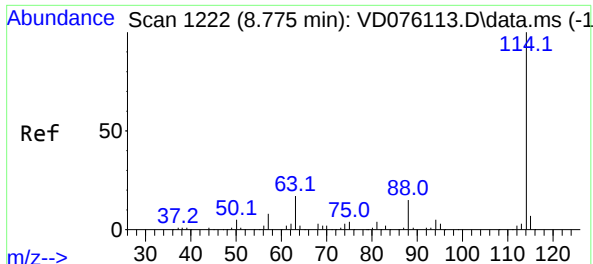
Tgt Ion:168 Resp: 186654
Ion Ratio Lower Upper
168 100
99 52.8 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 76.091 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076139.D
Acq: 18 May 2023 14:32

Tgt Ion: 65 Resp: 137265
Ion Ratio Lower Upper
65 100
67 56.5 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076139.D

Acq: 18 May 2023 14:32

Instrument :

MSVOA_D

ClientSampleId :

CB-22-K2-SO-3.5-051623

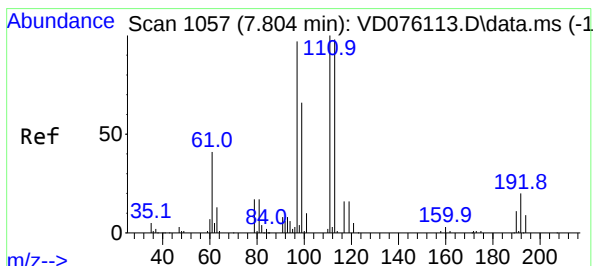
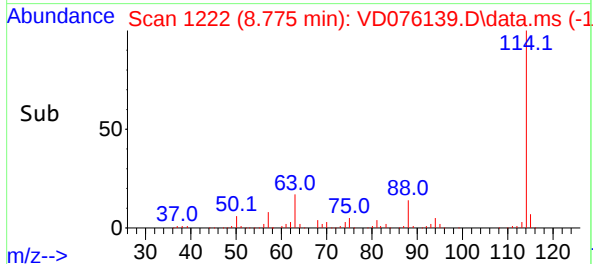
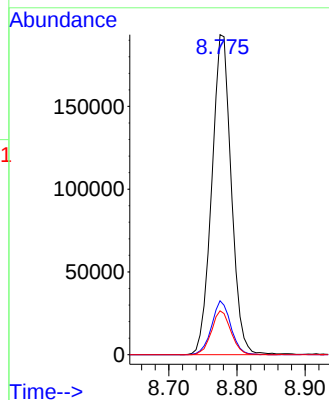
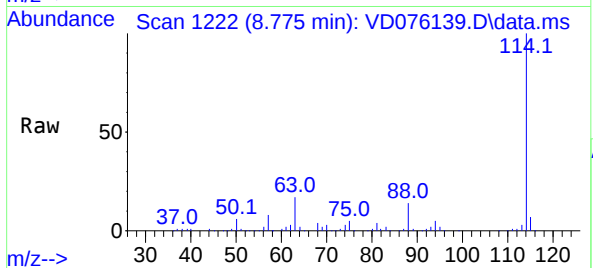
Tgt Ion:114 Resp: 384785

Ion Ratio Lower Upper

114 100

63 16.8 0.0 41.6

88 13.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 62.241 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076139.D

Acq: 18 May 2023 14:32

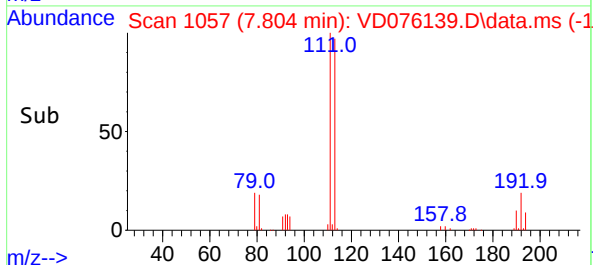
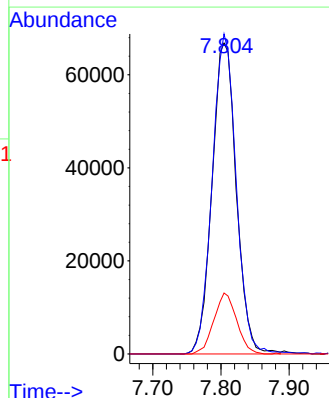
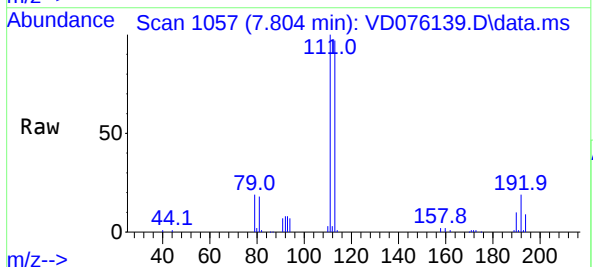
Tgt Ion:113 Resp: 165543

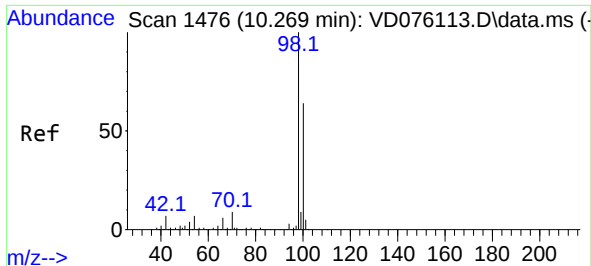
Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 18.5 15.2 22.8

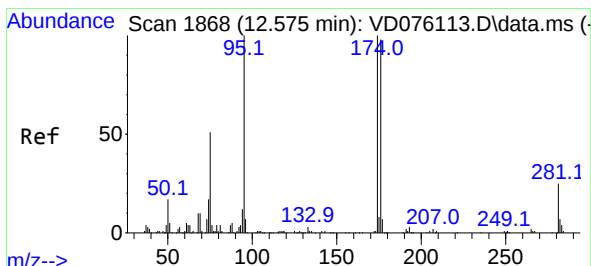
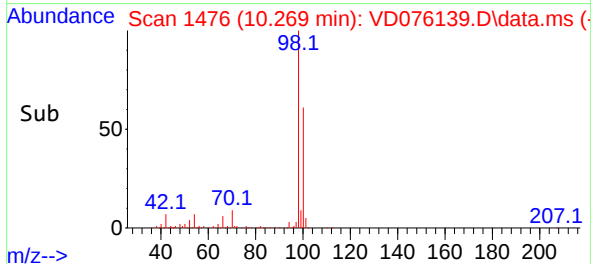
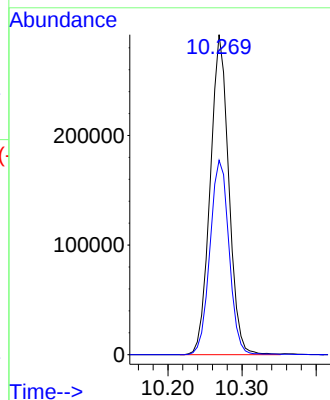
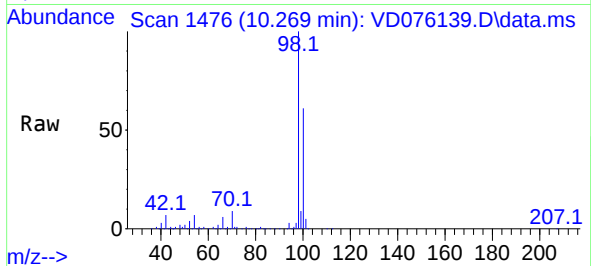




#50
Toluene-d8
Concen: 49.012 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076139.D
Acq: 18 May 2023 14:32

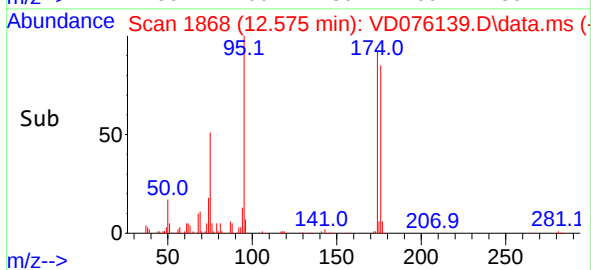
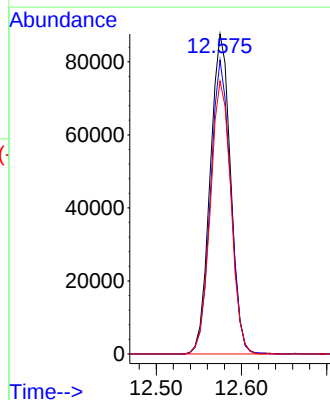
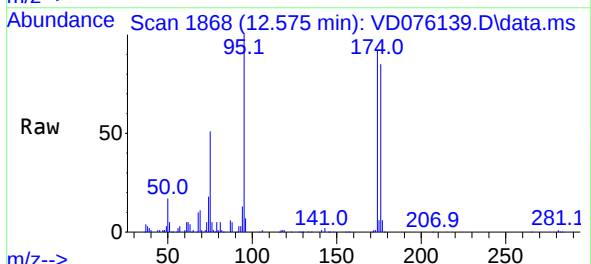
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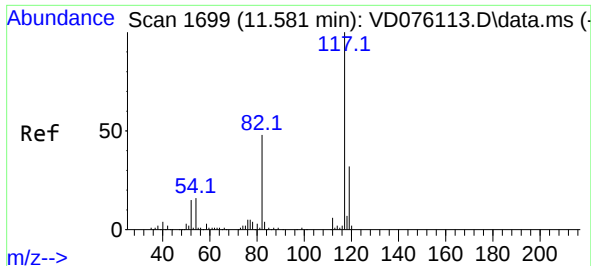
Tgt Ion: 98 Resp: 508165
Ion Ratio Lower Upper
98 100
100 62.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 50.484 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076139.D
Acq: 18 May 2023 14:32

Tgt Ion: 95 Resp: 145400
Ion Ratio Lower Upper
95 100
174 90.7 0.0 164.0
176 85.8 0.0 156.8

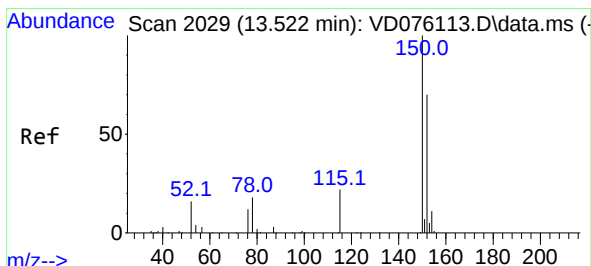
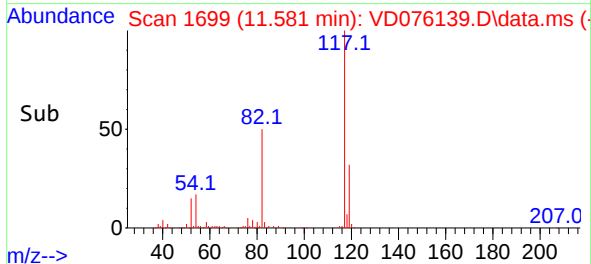
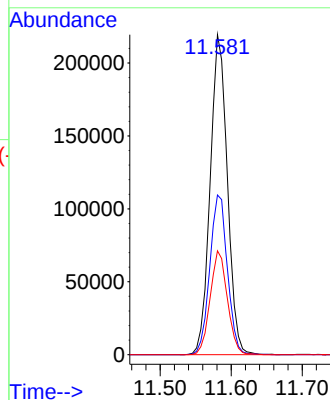
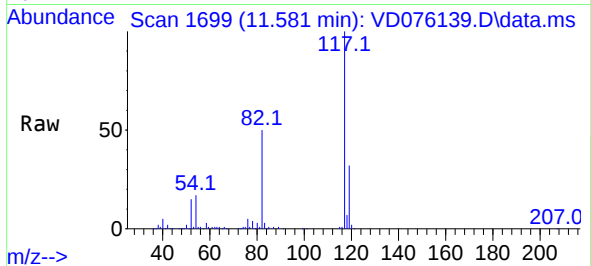




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076139.D
Acq: 18 May 2023 14:32

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-3.5-051623

Tgt Ion:117 Resp: 368497
Ion Ratio Lower Upper
117 100
82 49.9 44.0 66.0
119 32.5 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: VD076139.D
Acq: 18 May 2023 14:32

Tgt Ion:152 Resp: 173178
Ion Ratio Lower Upper
152 100
115 52.1 30.1 90.3
150 158.8 0.0 364.8

