

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076192.D
 Acq On : 23 May 2023 13:34
 Operator : KP/SY
 Sample : 02846-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-051823

Quant Time: May 23 15:02:51 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	6040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	12148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	12132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4775	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4864	83.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	166.640%#
35) Dibromofluoromethane	7.805	113	5392	64.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.420%
50) Toluene-d8	10.269	98	11007	33.626	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	67.260%
62) 4-Bromofluorobenzene	12.569	95	3675	40.416	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.840%

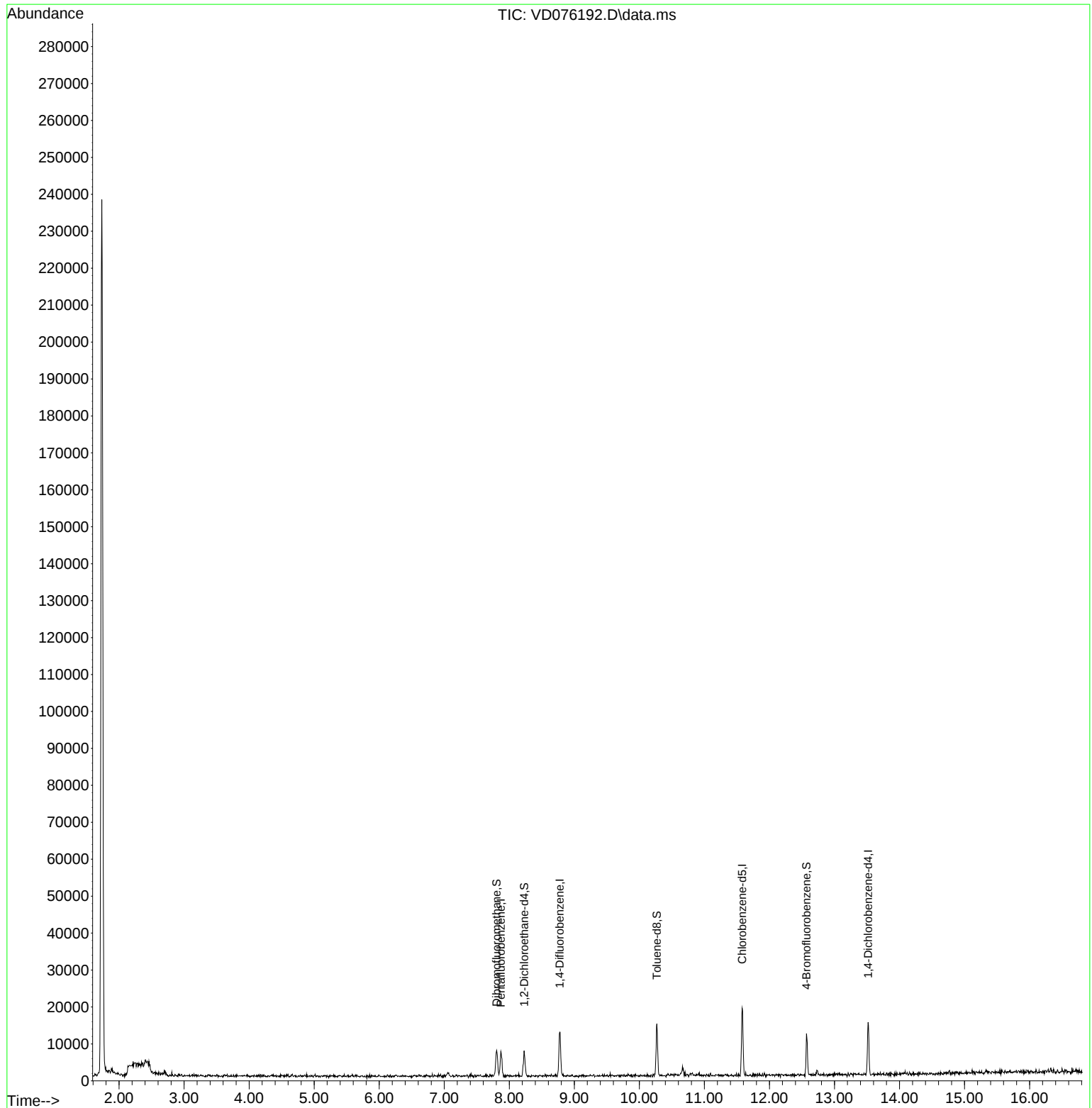
Target Compounds	Qvalue

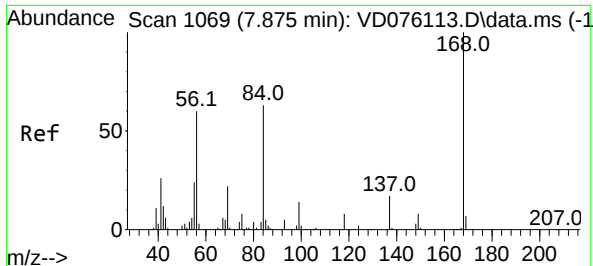
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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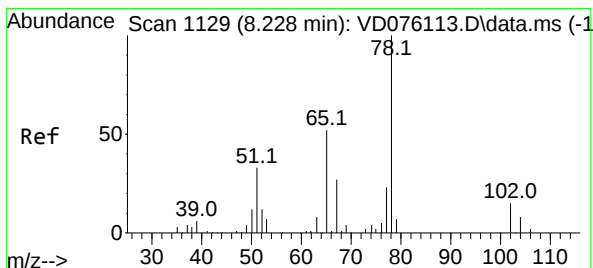
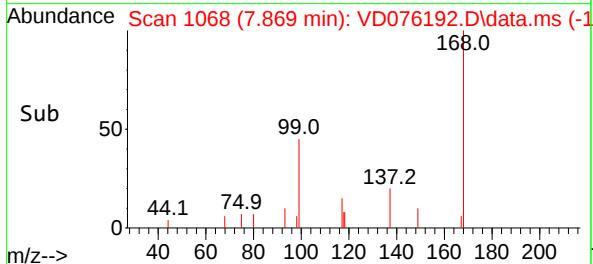
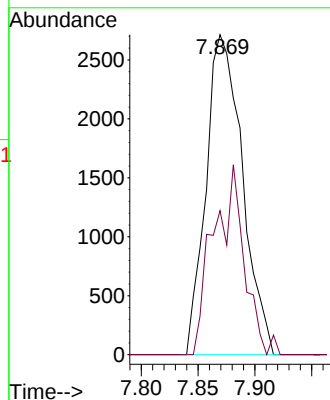
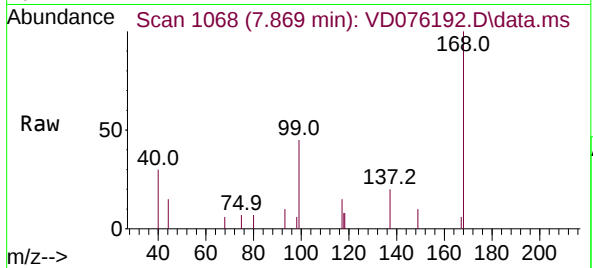




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

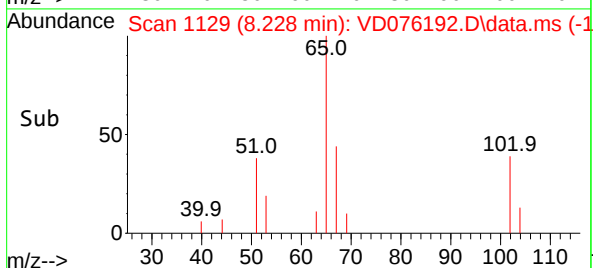
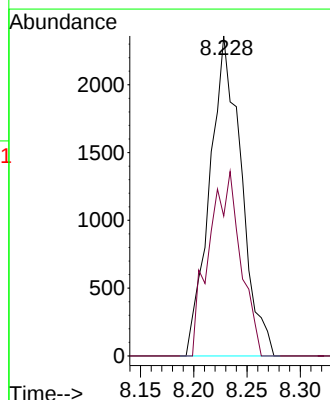
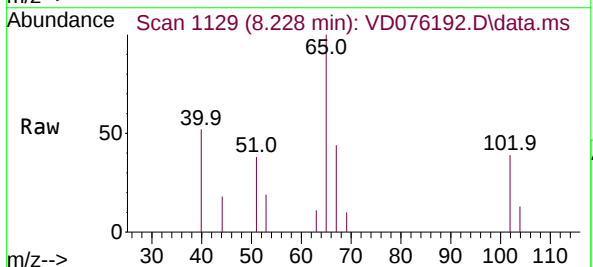
Instrument :
MSVOA_D
ClientSampleId :
EO-01-051823

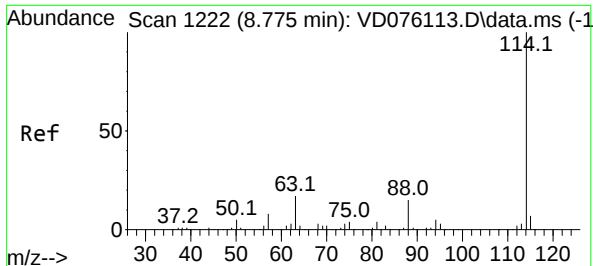
Tgt Ion:168 Resp: 6040
Ion Ratio Lower Upper
168 100
99 45.0 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 83.323 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

Tgt Ion: 65 Resp: 4864
Ion Ratio Lower Upper
65 100
67 57.6 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: VD076192.D

Acq: 23 May 2023 13:34

Instrument :

MSVOA_D

ClientSampleId :

EO-01-051823

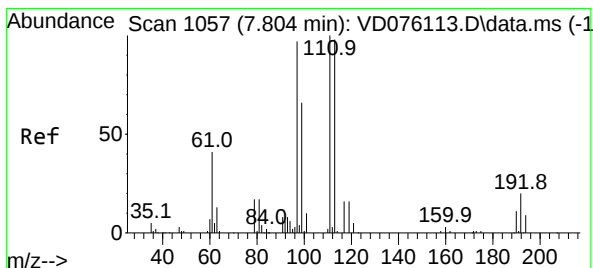
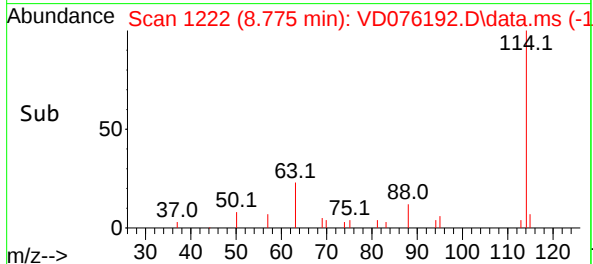
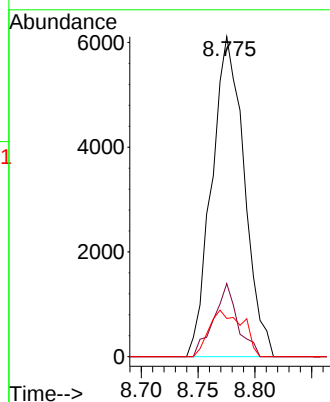
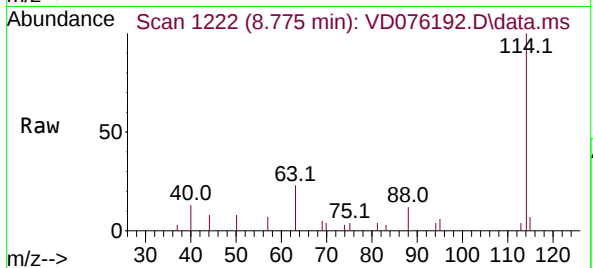
Tgt Ion:114 Resp: 12148

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.6

88 11.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 64.214 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076192.D

Acq: 23 May 2023 13:34

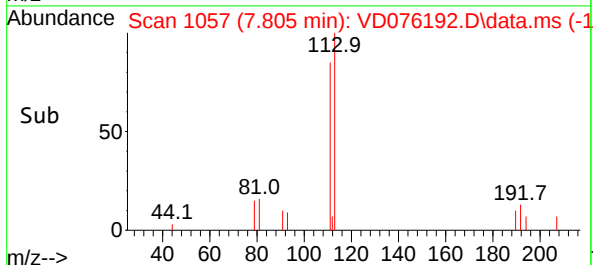
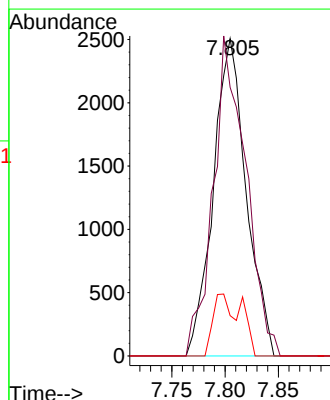
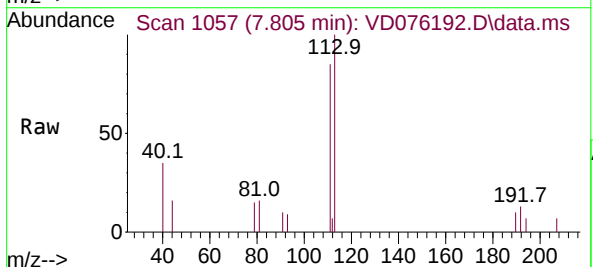
Tgt Ion:113 Resp: 5392

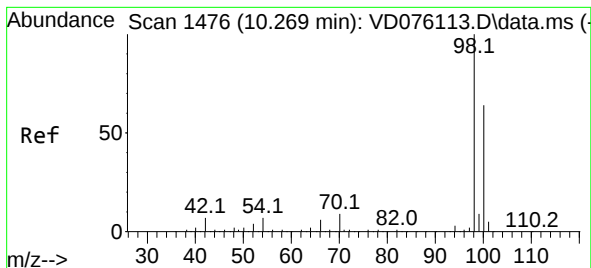
Ion Ratio Lower Upper

113 100

111 99.9 81.4 122.0

192 16.4 15.2 22.8





#50

Toluene-d8

Concen: 33.626 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076192.D

Acq: 23 May 2023 13:34

Instrument :

MSVOA_D

ClientSampleId :

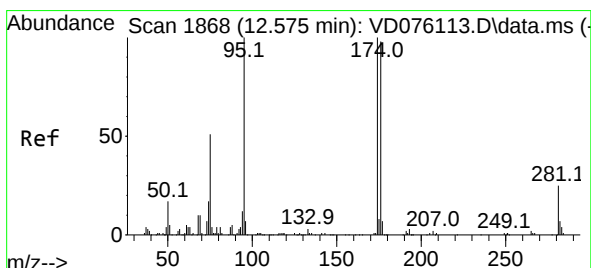
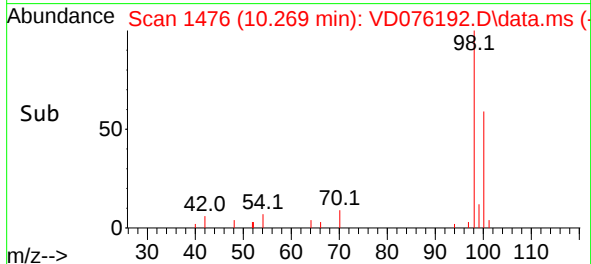
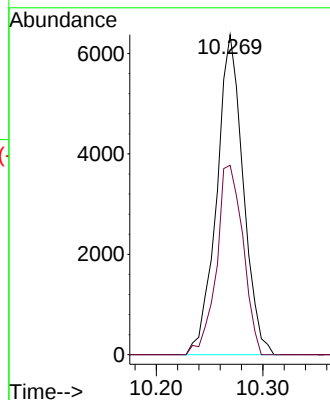
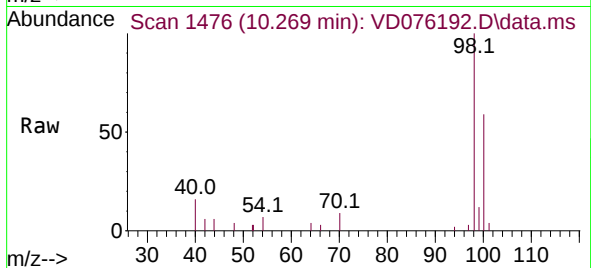
EO-01-051823

Tgt Ion: 98 Resp: 11007

Ion Ratio Lower Upper

98 100

100 59.0 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 40.416 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD076192.D

Acq: 23 May 2023 13:34

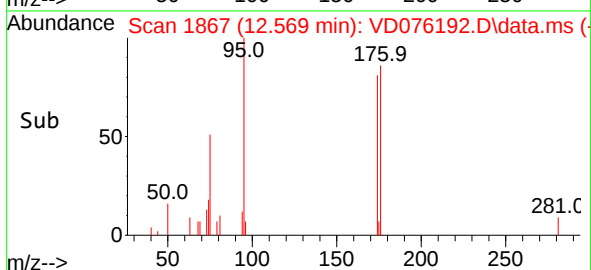
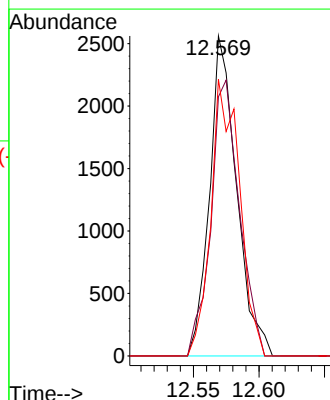
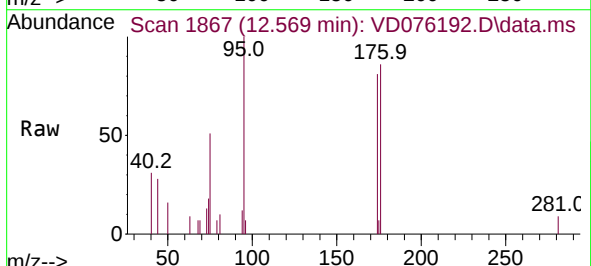
Tgt Ion: 95 Resp: 3675

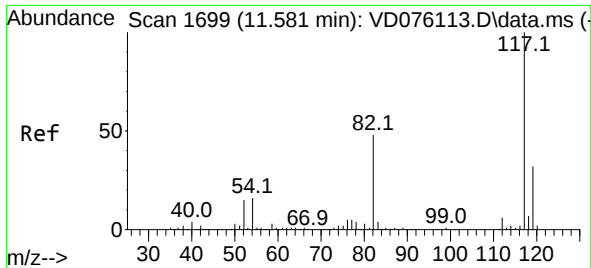
Ion Ratio Lower Upper

95 100

174 91.0 0.0 164.0

176 91.1 0.0 156.8

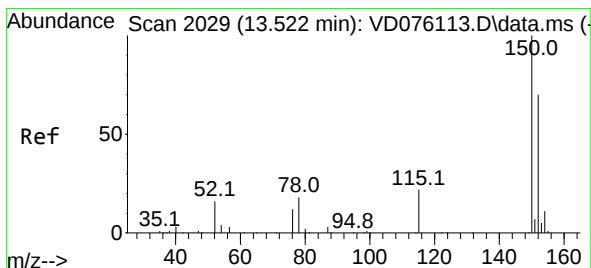
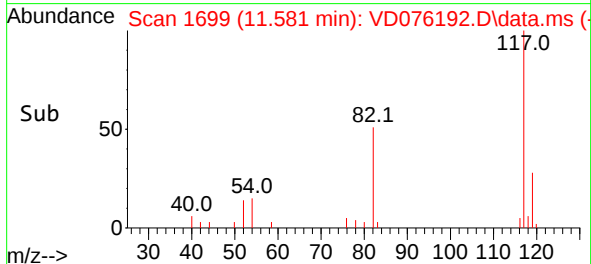
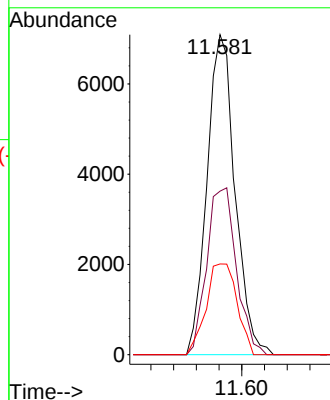
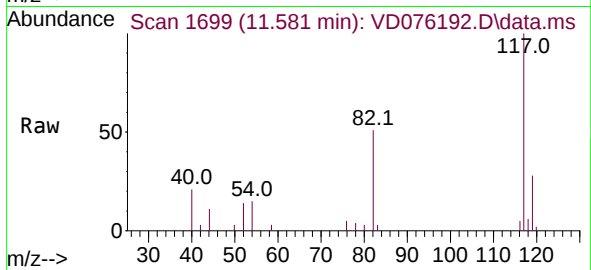




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

Instrument :
MSVOA_D
ClientSampleId :
EO-01-051823

Tgt Ion:117 Resp: 12132
Ion Ratio Lower Upper
117 100
82 51.1 44.0 66.0
119 28.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076192.D
Acq: 23 May 2023 13:34

Tgt Ion:152 Resp: 4775
Ion Ratio Lower Upper
152 100
115 55.2 30.1 90.3
150 148.3 0.0 364.8

