

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076233.D
 Acq On : 25 May 2023 15:10
 Operator : KP/SY
 Sample : 02892-07
 Misc : 5.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-33

Quant Time: May 25 17:12:43 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	244867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	499576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	447064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	187279	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	113512	47.965	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.920%
35) Dibromofluoromethane	7.804	113	167885	48.618	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.240%
50) Toluene-d8	10.269	98	509650	37.860	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.720%
62) 4-Bromofluorobenzene	12.575	95	175726	46.994	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.980%

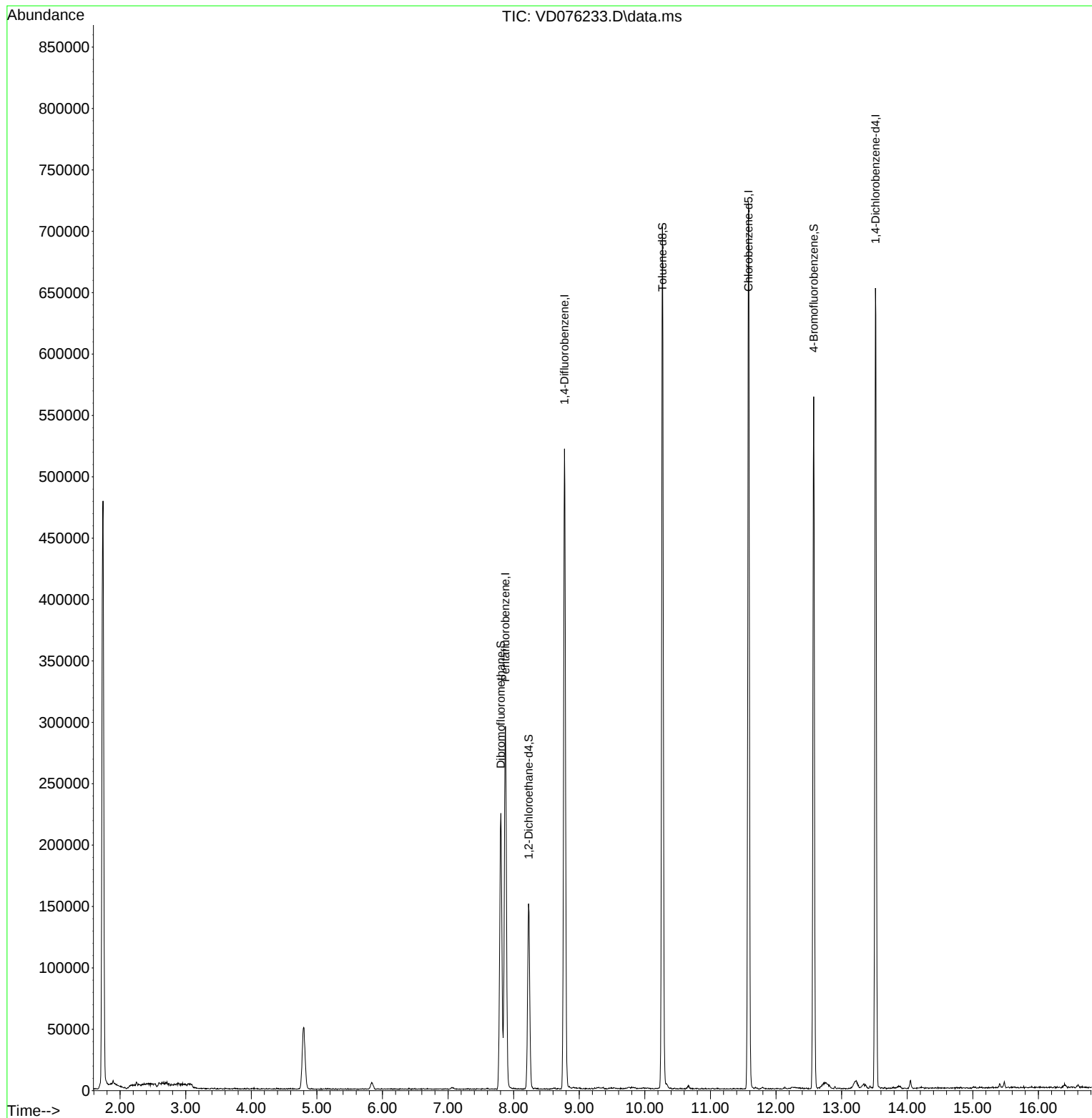
Target Compounds	Qvalue

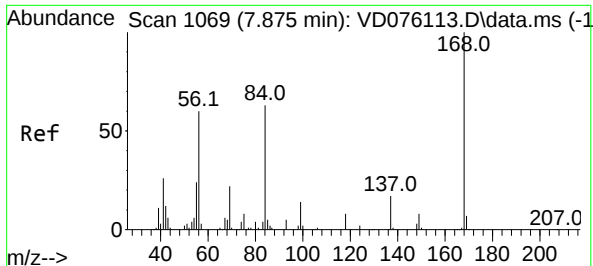
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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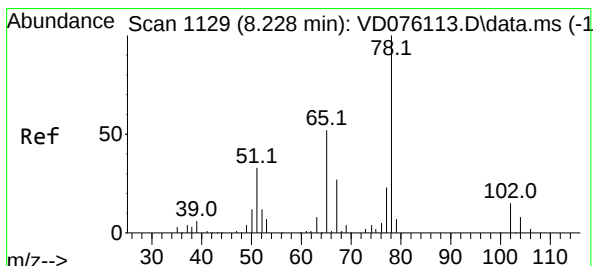
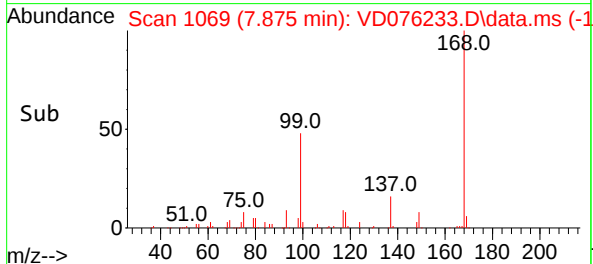
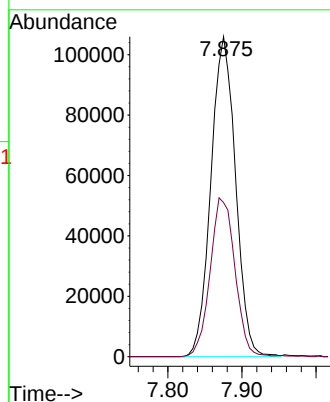
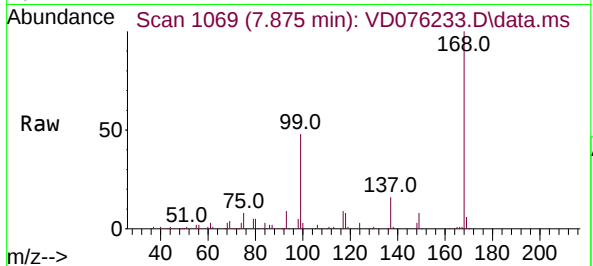




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076233.D
Acq: 25 May 2023 15:10

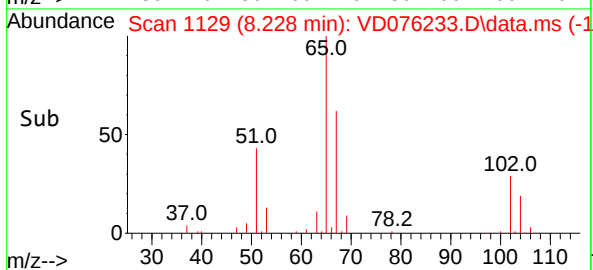
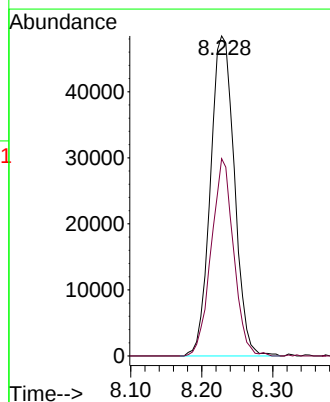
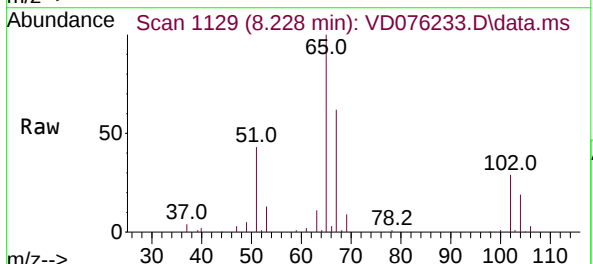
Instrument :
MSVOA_D
ClientSampleId :
TP-33

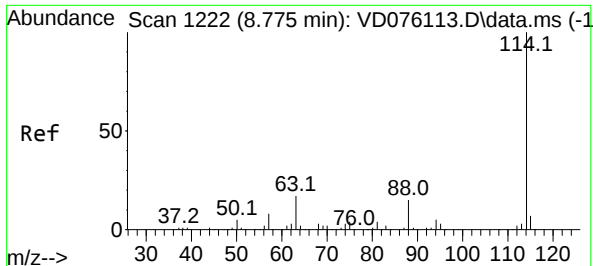
Tgt Ion:168 Resp: 244867
Ion Ratio Lower Upper
168 100
99 48.1 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 47.965 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076233.D
Acq: 25 May 2023 15:10

Tgt Ion: 65 Resp: 113512
Ion Ratio Lower Upper
65 100
67 57.5 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: VD076233.D

Acq: 25 May 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

TP-33

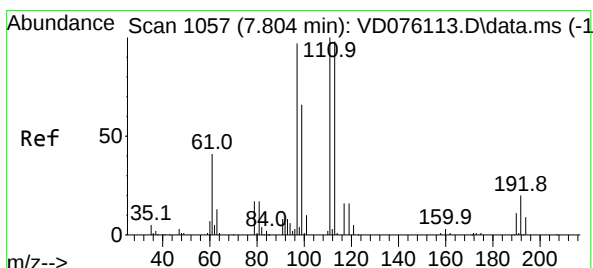
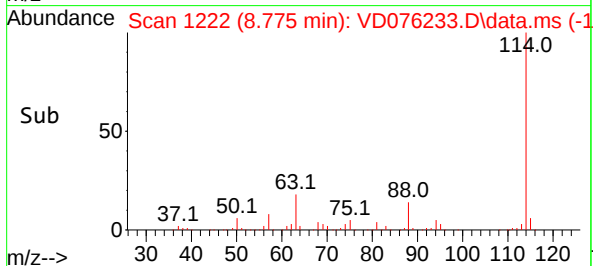
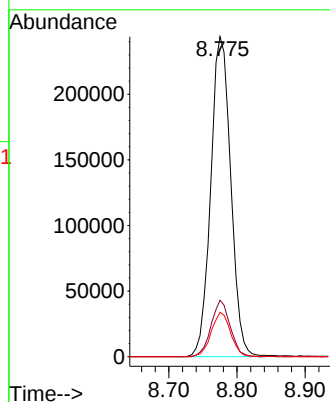
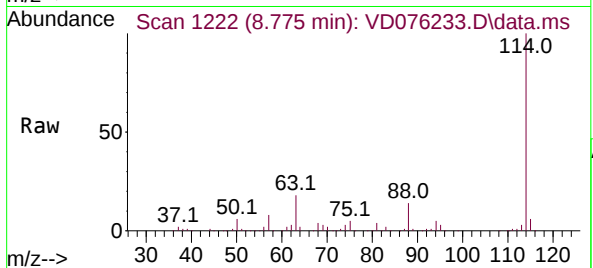
Tgt Ion:114 Resp: 499576

Ion Ratio Lower Upper

114 100

63 17.7 0.0 41.6

88 13.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.618 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076233.D

Acq: 25 May 2023 15:10

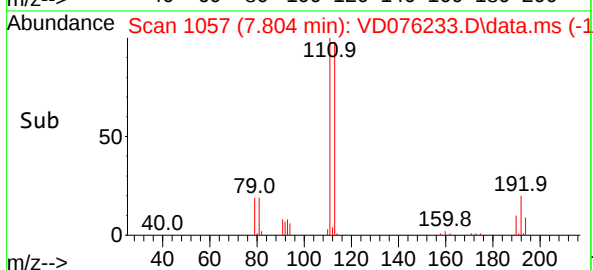
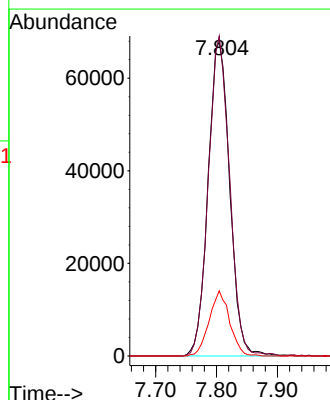
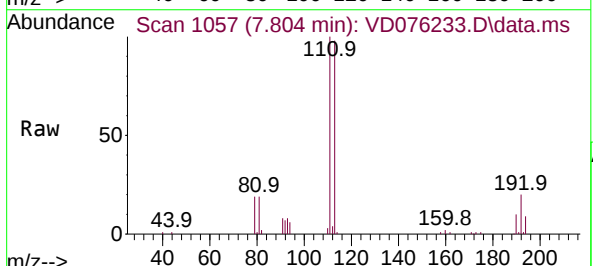
Tgt Ion:113 Resp: 167885

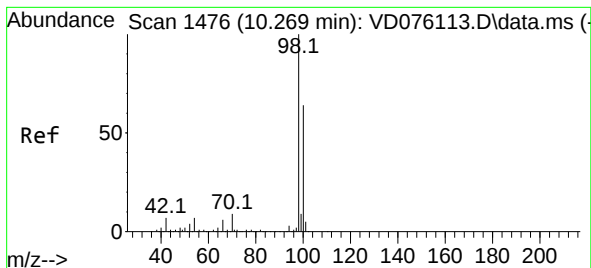
Ion Ratio Lower Upper

113 100

111 99.7 81.4 122.0

192 19.6 15.2 22.8





#50

Toluene-d8

Concen: 37.860 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076233.D

Acq: 25 May 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

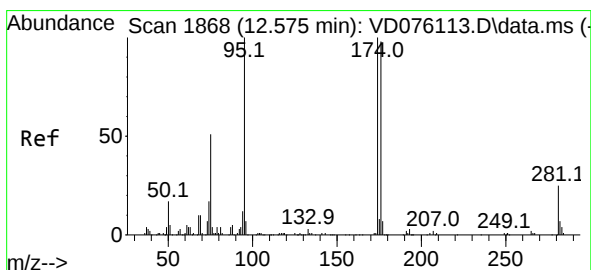
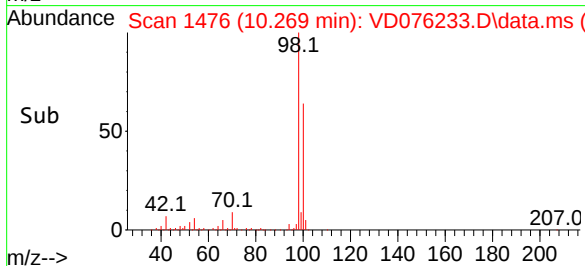
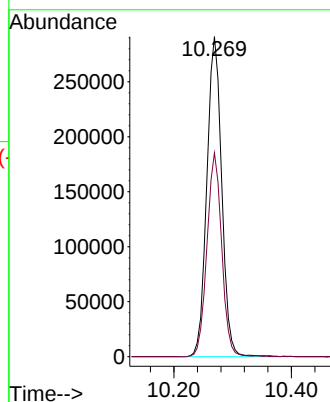
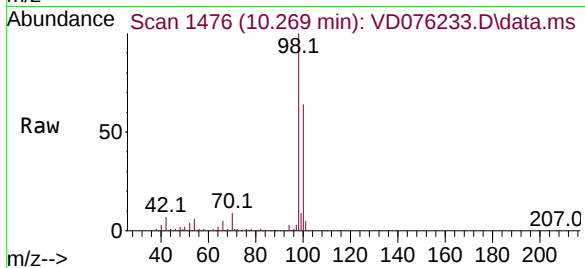
TP-33

Tgt Ion: 98 Resp: 509650

Ion Ratio Lower Upper

98 100

100 63.1 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 46.994 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD076233.D

Acq: 25 May 2023 15:10

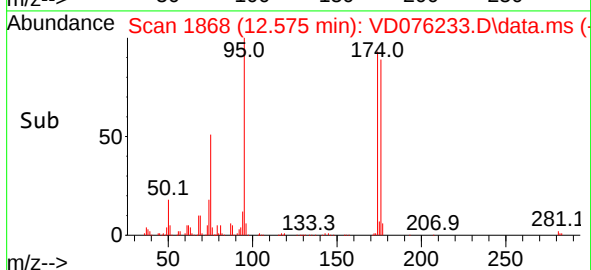
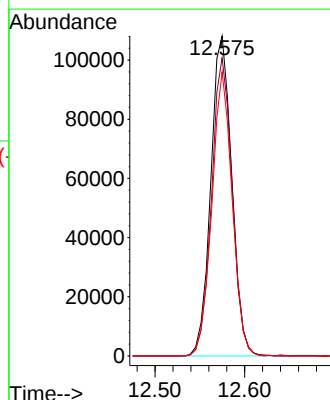
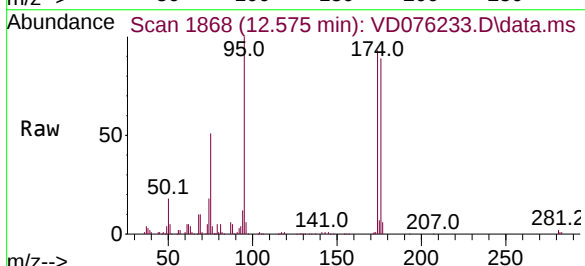
Tgt Ion: 95 Resp: 175726

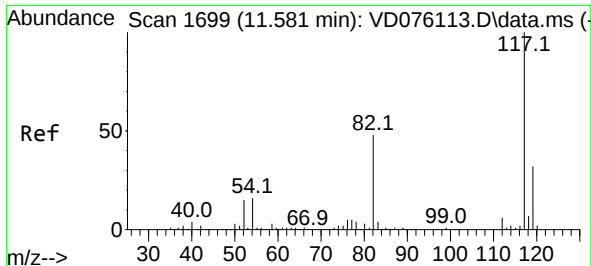
Ion Ratio Lower Upper

95 100

174 91.4 0.0 164.0

176 85.8 0.0 156.8

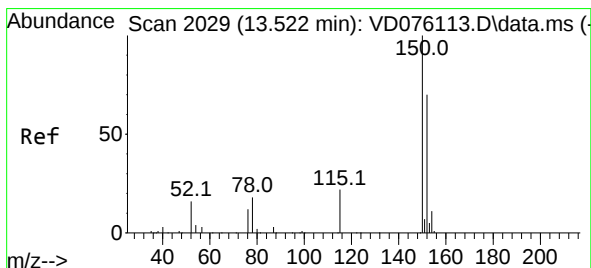
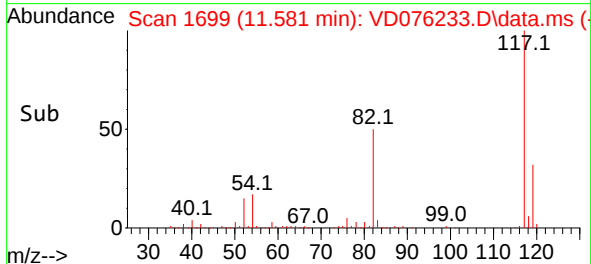
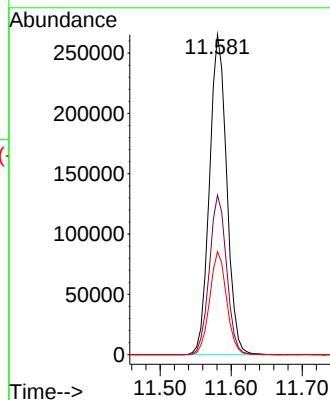
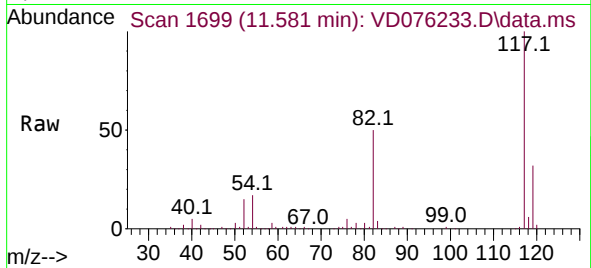




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076233.D
Acq: 25 May 2023 15:10

Instrument :
MSVOA_D
ClientSampleId :
TP-33

Tgt Ion:117 Resp: 447064
Ion Ratio Lower Upper
117 100
82 49.9 44.0 66.0
119 32.2 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: VD076233.D
Acq: 25 May 2023 15:10

Tgt Ion:152 Resp: 187279
Ion Ratio Lower Upper
152 100
115 55.3 30.1 90.3
150 158.7 0.0 364.8

