

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076548.D
 Acq On : 22 Jun 2023 19:42
 Operator : KP/SY
 Sample : 03365-33
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3

Quant Time: Jun 23 06:37:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.869	168	157801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	274711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	255731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114918	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93913	59.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.800%
35) Dibromofluoromethane	7.804	113	93242	57.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.260%
50) Toluene-d8	10.263	98	346872	56.045	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.080%
62) 4-Bromofluorobenzene	12.575	95	104946	52.247	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.500%

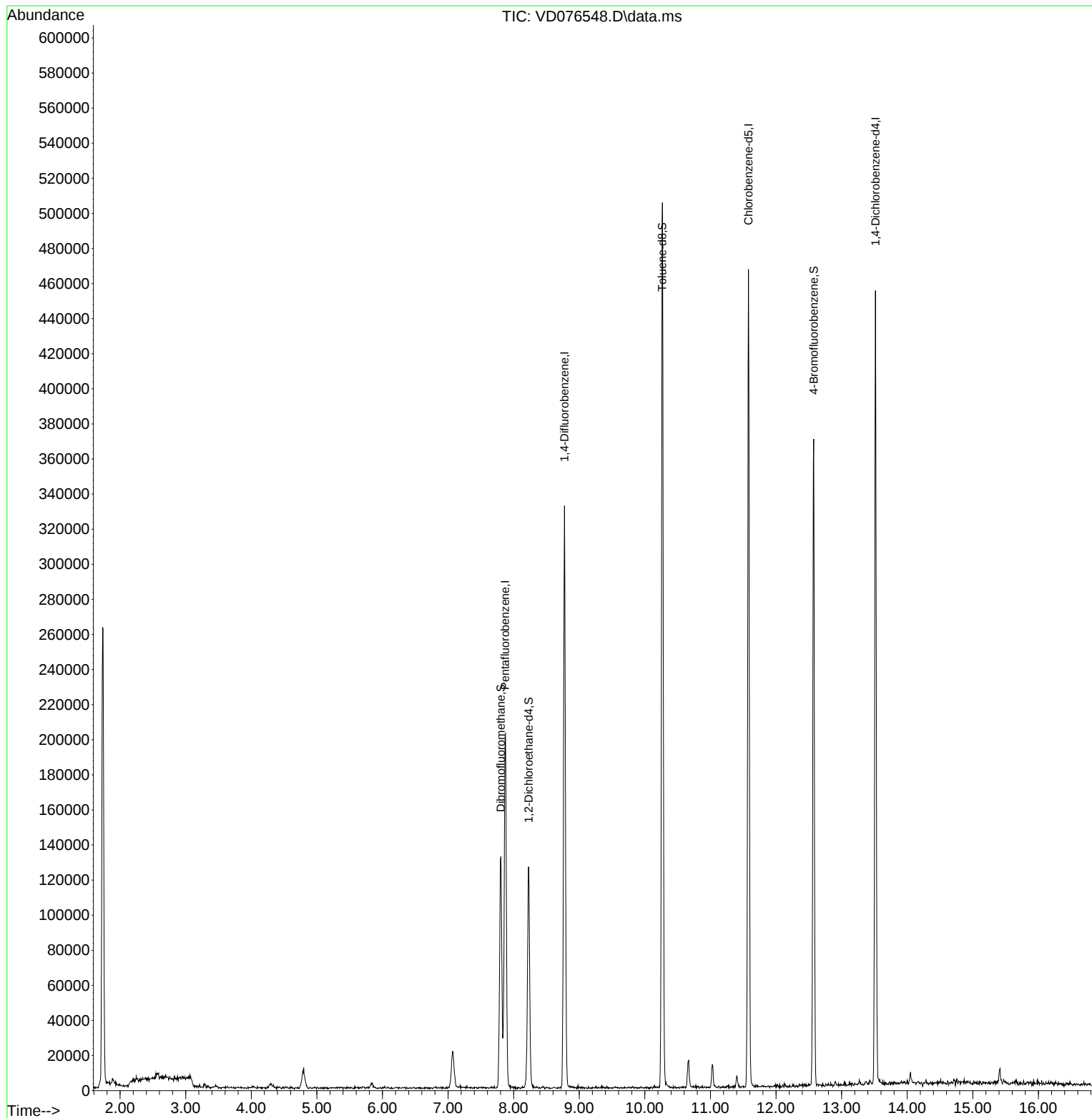
Target Compounds	Qvalue

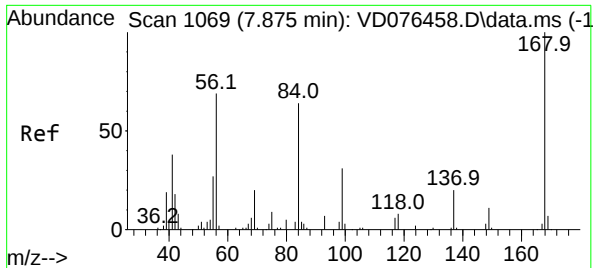
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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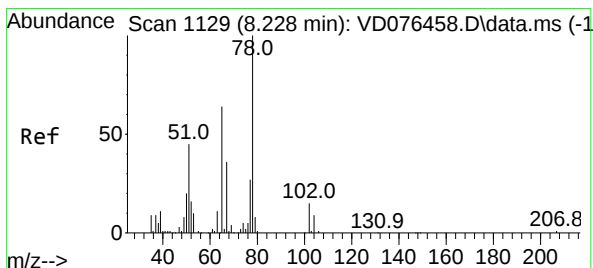
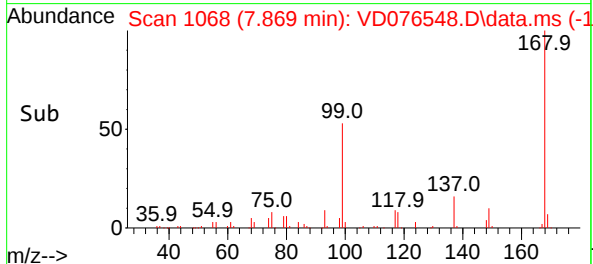
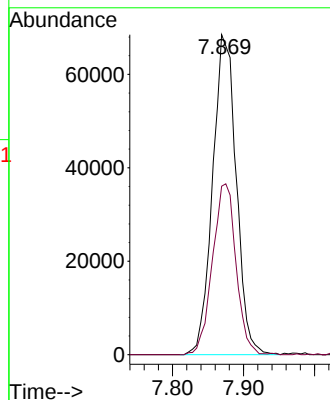
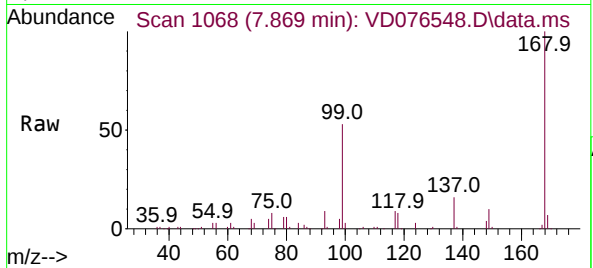




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

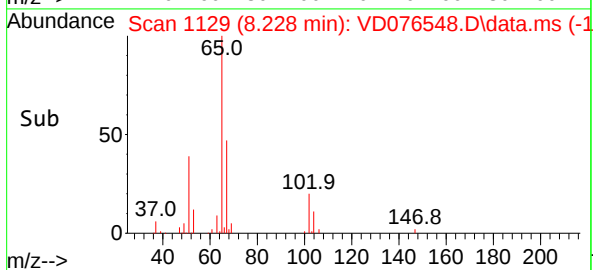
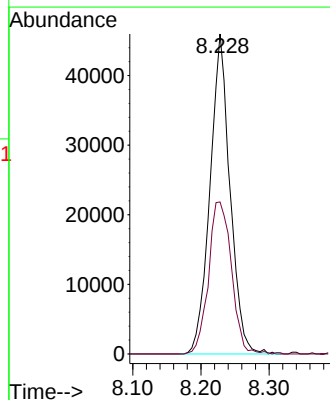
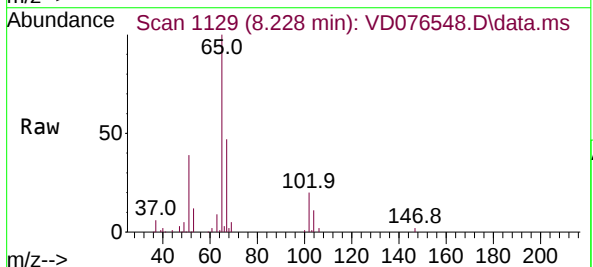
Instrument :
MSVOA_D
ClientSampleId :
TP3

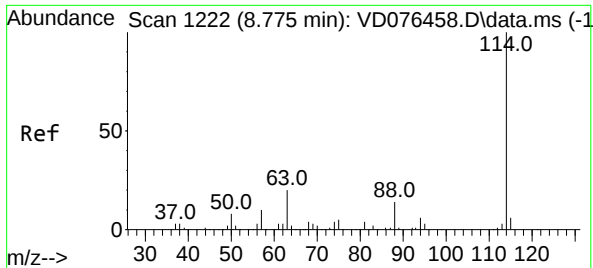
Tgt Ion:168 Resp: 157801
Ion Ratio Lower Upper
168 100
99 52.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 59.400 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

Tgt Ion: 65 Resp: 93913
Ion Ratio Lower Upper
65 100
67 54.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076548.D

Acq: 22 Jun 2023 19:42

Instrument :

MSVOA_D

ClientSampleId :

TP3

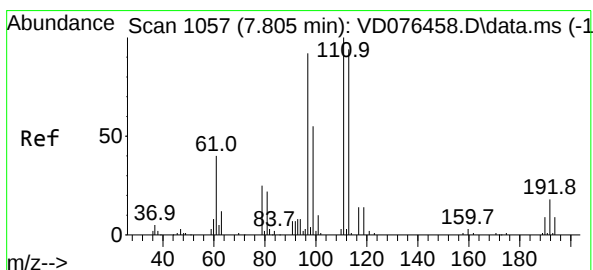
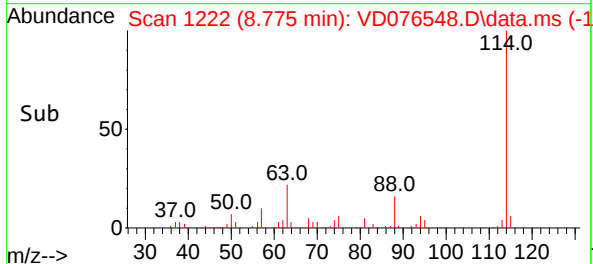
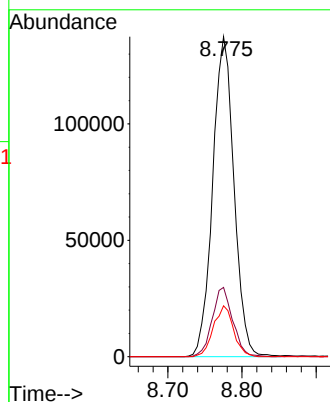
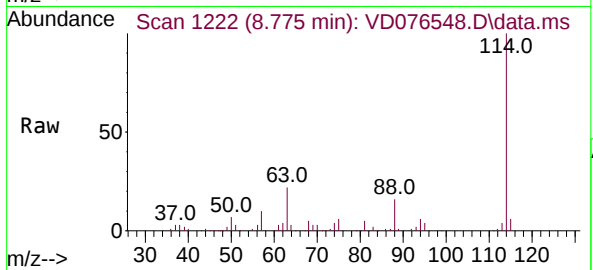
Tgt Ion:114 Resp: 274711

Ion Ratio Lower Upper

114 100

63 21.6 0.0 33.4

88 15.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 57.135 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076548.D

Acq: 22 Jun 2023 19:42

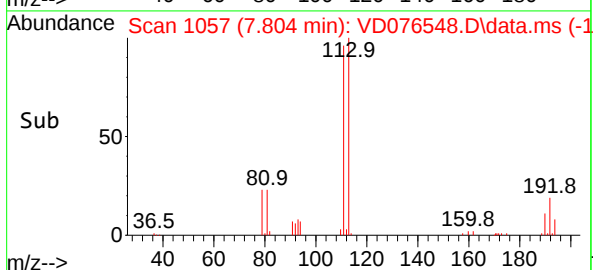
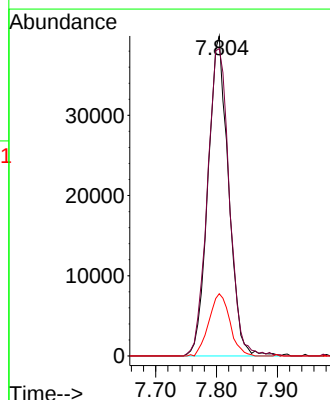
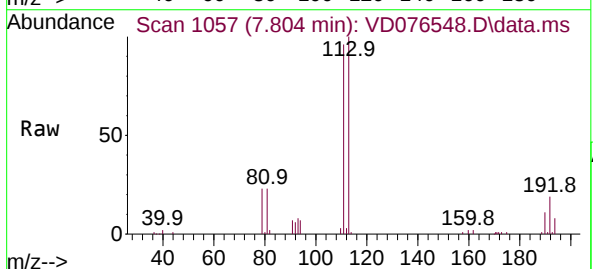
Tgt Ion:113 Resp: 93242

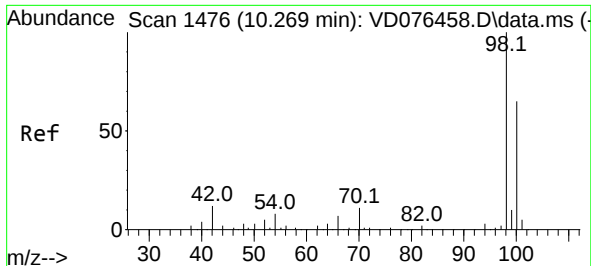
Ion Ratio Lower Upper

113 100

111 103.0 84.7 127.1

192 20.0 16.8 25.2

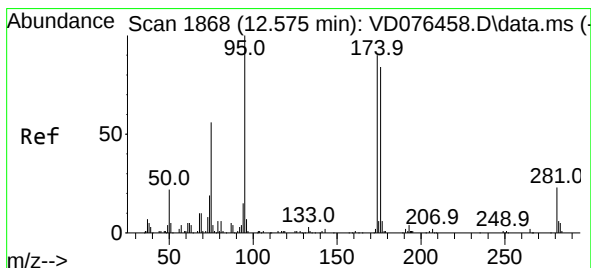
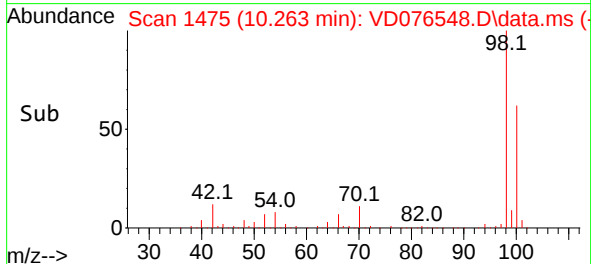
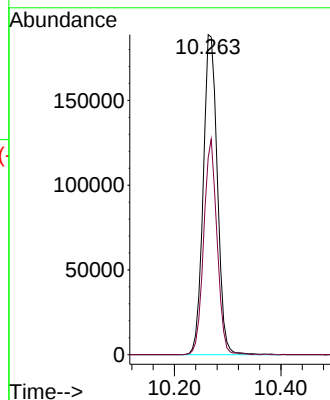
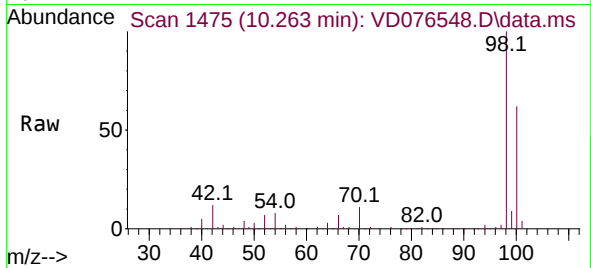




#50
Toluene-d8
Concen: 56.045 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

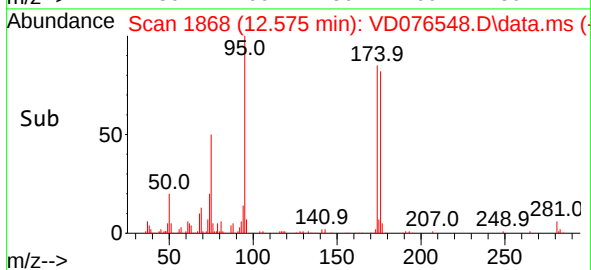
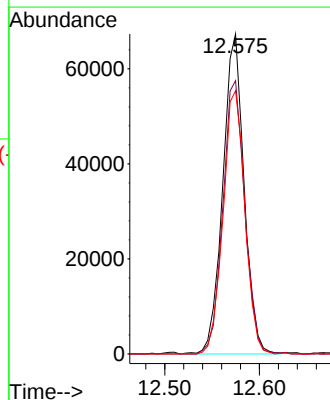
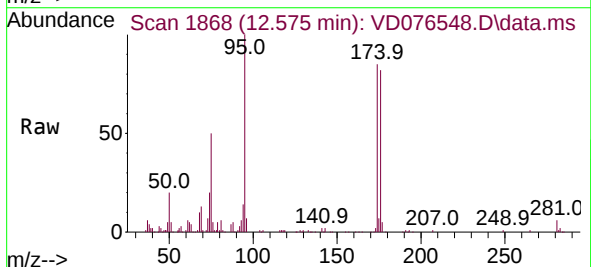
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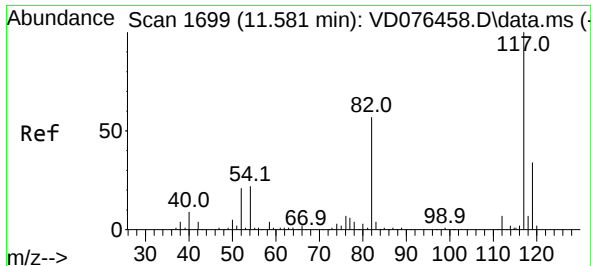
Tgt Ion: 98 Resp: 346872
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 52.247 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

Tgt Ion: 95 Resp: 104946
Ion Ratio Lower Upper
95 100
174 88.2 0.0 201.8
176 84.5 0.0 191.8

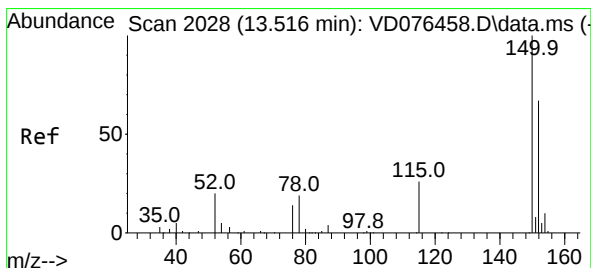
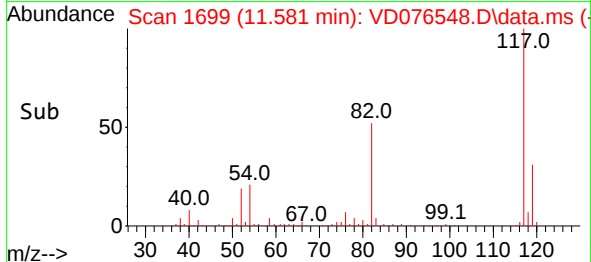
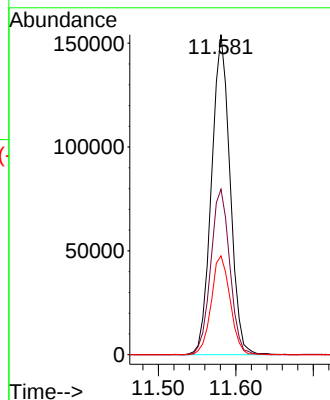
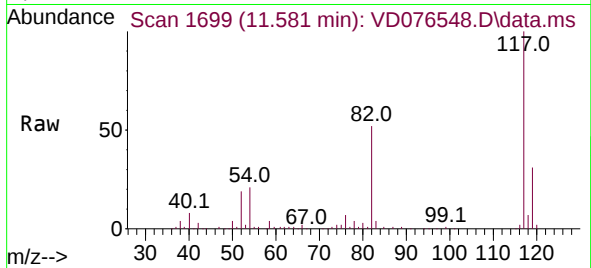




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

Instrument :
MSVOA_D
ClientSampleId :
TP3

Tgt Ion:117 Resp: 255731
Ion Ratio Lower Upper
117 100
82 51.7 38.3 57.5
119 30.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

Tgt Ion:152 Resp: 114918
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 154.2 0.0 353.6

