

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
 Data File : VD076406.D
 Acq On : 13 Jun 2023 15:48
 Operator : KP/SY
 Sample : 03074-07RE
 Misc : 5.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-01RE

Quant Time: Jun 14 05:47:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	147978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	264804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	267021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	143042	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	107940	63.152	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.300%
35) Dibromofluoromethane	7.804	113	131206	76.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	153.320%#
50) Toluene-d8	10.269	98	318996	49.184	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.575	95	161246	72.470	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	144.940%#

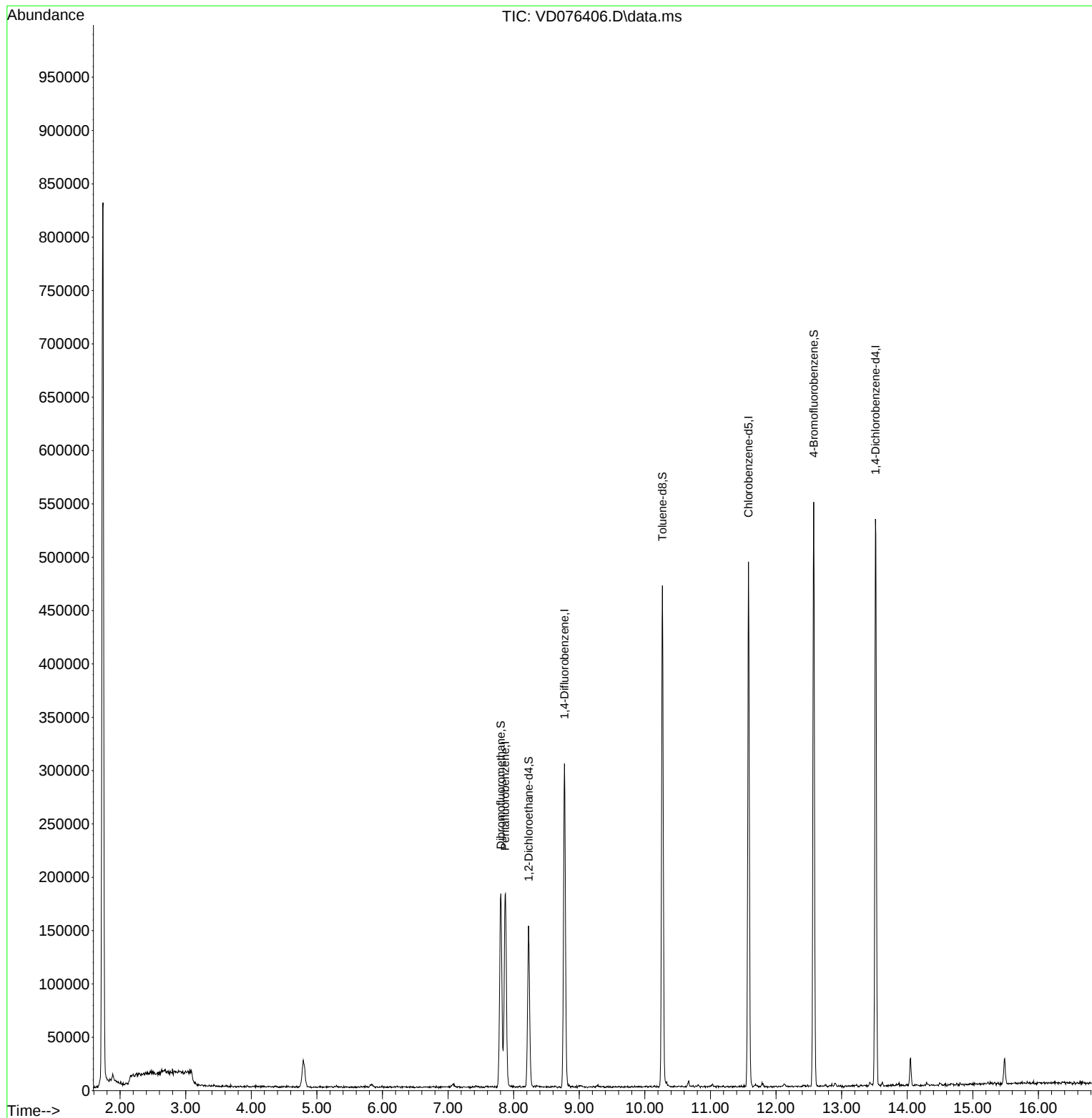
Target Compounds	Qvalue

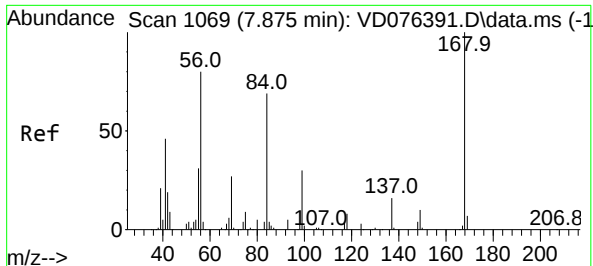
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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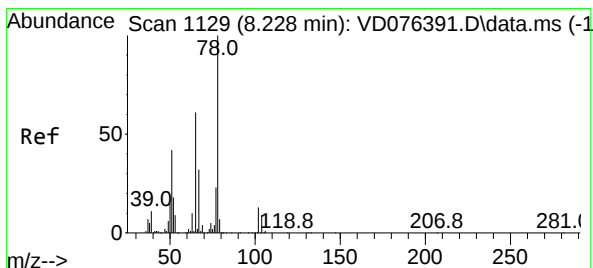
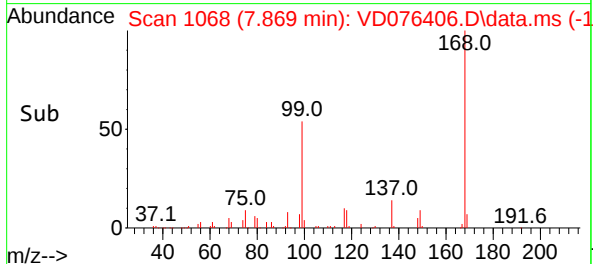
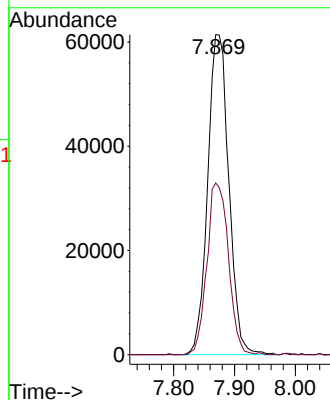
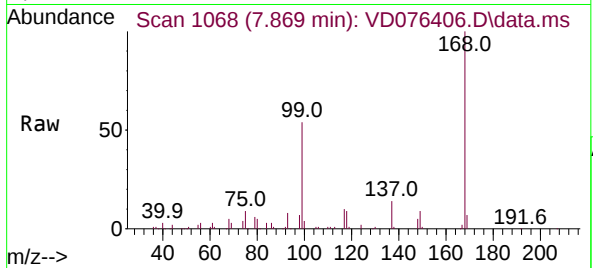




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076406.D
Acq: 13 Jun 2023 15:48

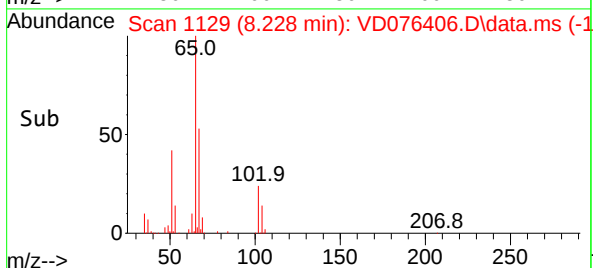
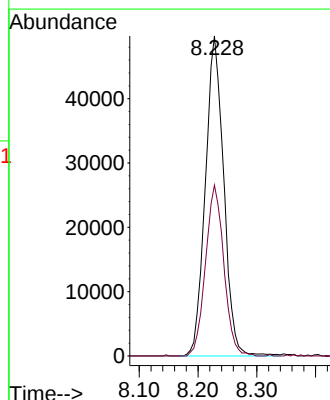
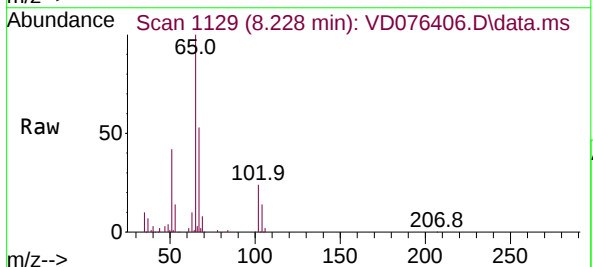
Instrument :
MSVOA_D
ClientSampleId :
GP-01RE

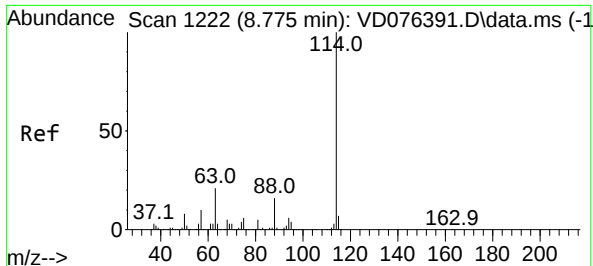
Tgt Ion:168 Resp: 147978
Ion Ratio Lower Upper
168 100
99 53.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 63.152 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076406.D
Acq: 13 Jun 2023 15:48

Tgt Ion: 65 Resp: 107940
Ion Ratio Lower Upper
65 100
67 53.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 114

Delta R.T. 0.000 min

Lab File: VD076406.D

Acq: 13 Jun 2023 15:48

Instrument :

MSVOA_D

ClientSampleId :

GP-01RE

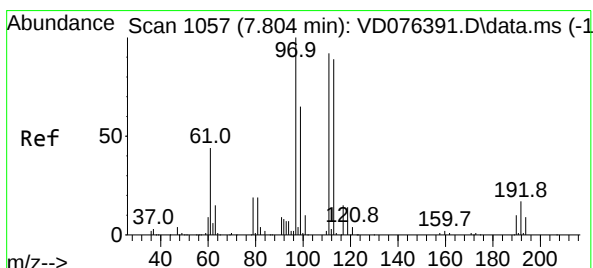
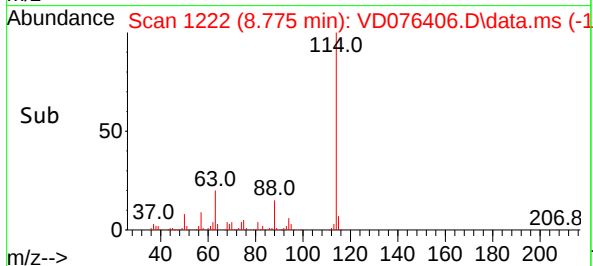
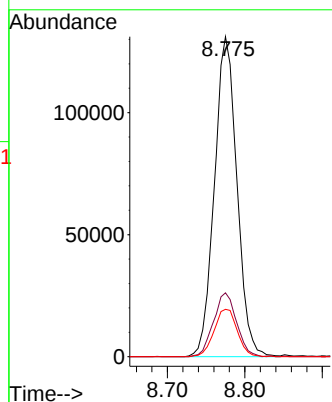
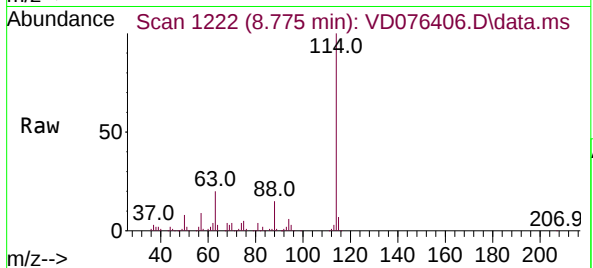
Tgt Ion:114 Resp: 264804

Ion Ratio Lower Upper

114 100

63 19.9 0.0 33.4

88 14.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 76.663 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076406.D

Acq: 13 Jun 2023 15:48

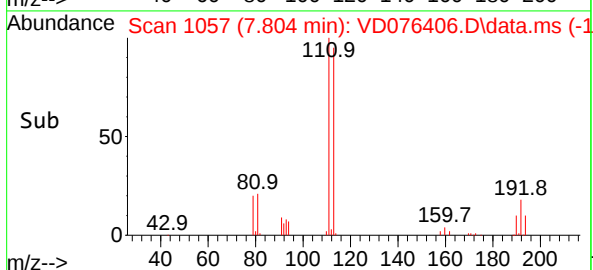
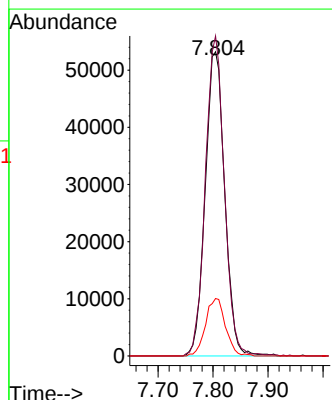
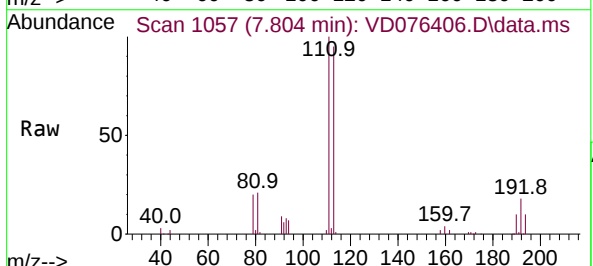
Tgt Ion:113 Resp: 131206

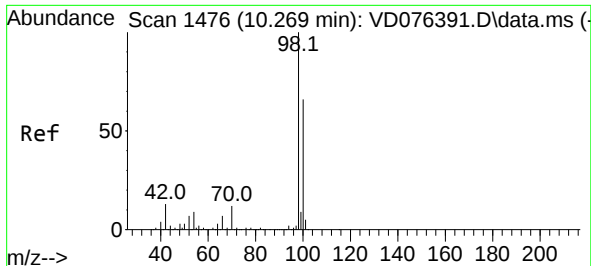
Ion Ratio Lower Upper

113 100

111 102.1 84.7 127.1

192 19.3 16.8 25.2

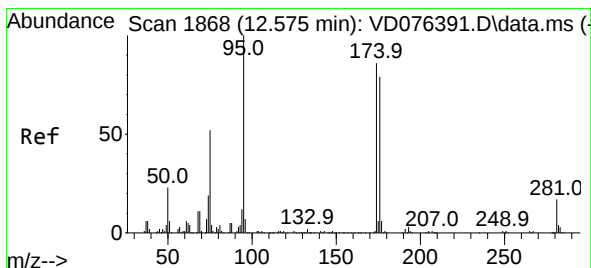
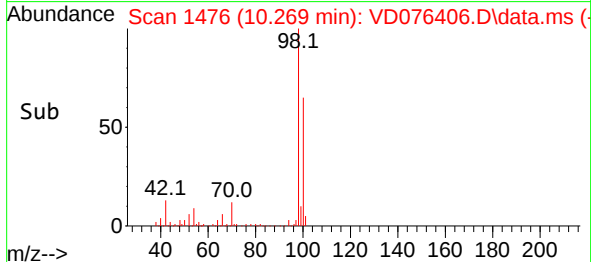
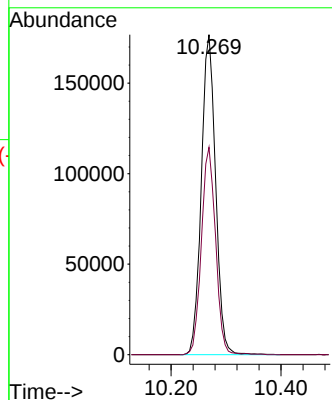
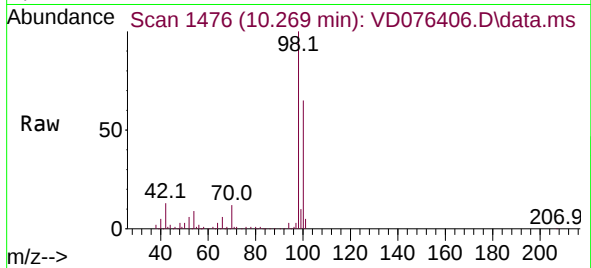




#50
Toluene-d8
Concen: 49.184 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076406.D
Acq: 13 Jun 2023 15:48

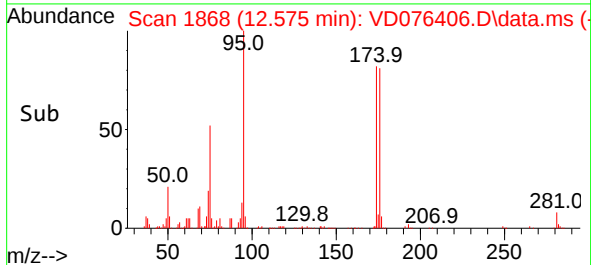
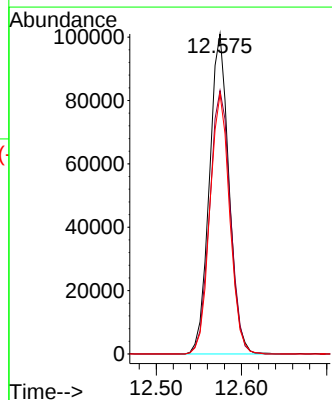
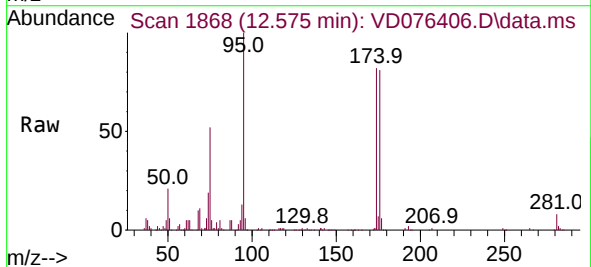
Instrument :
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GP-01RE

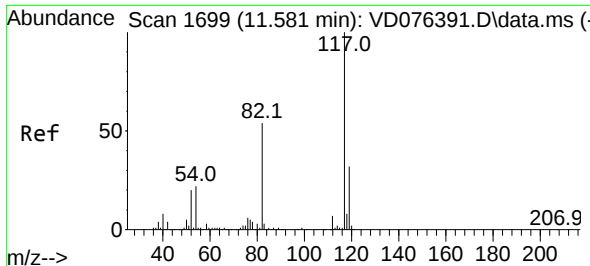
Tgt Ion: 98 Resp: 318996
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 72.470 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076406.D
Acq: 13 Jun 2023 15:48

Tgt Ion: 95 Resp: 161246
Ion Ratio Lower Upper
95 100
174 86.7 0.0 201.8
176 82.0 0.0 191.8

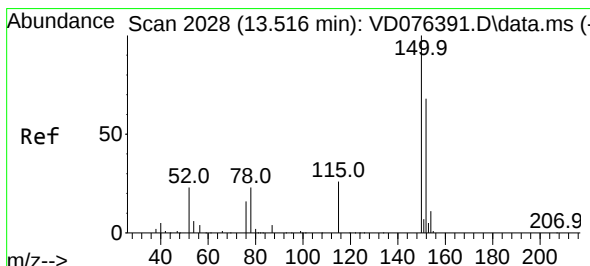
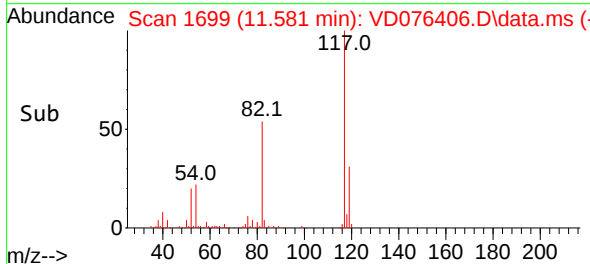
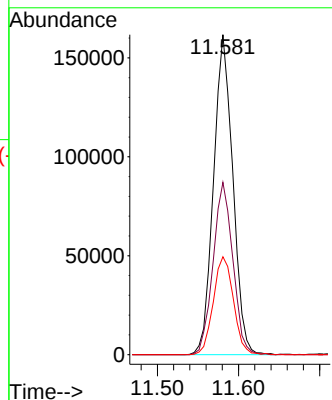
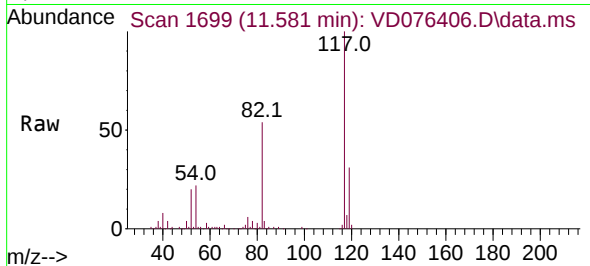




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076406.D
Acq: 13 Jun 2023 15:48

Instrument :
MSVOA_D
ClientSampleId :
GP-01RE

Tgt Ion:117 Resp: 267021
Ion Ratio Lower Upper
117 100
82 53.8 38.3 57.5
119 30.6 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: VD076406.D
Acq: 13 Jun 2023 15:48

Tgt Ion:152 Resp: 143042
Ion Ratio Lower Upper
152 100
115 56.1 27.1 81.3
150 156.6 0.0 353.6

