

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
 Data File : VD075798.D
 Acq On : 24 Apr 2023 17:21
 Operator : KP/SY
 Sample : 02446-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-042023

Quant Time: Apr 25 06:10:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	186996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	380138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	354804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	144106	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	113158	63.753	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.500%
35) Dibromofluoromethane	7.805	113	133178	52.088	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.180%
50) Toluene-d8	10.269	98	452236	44.168	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.340%
62) 4-Bromofluorobenzene	12.575	95	114944	42.236	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.480%

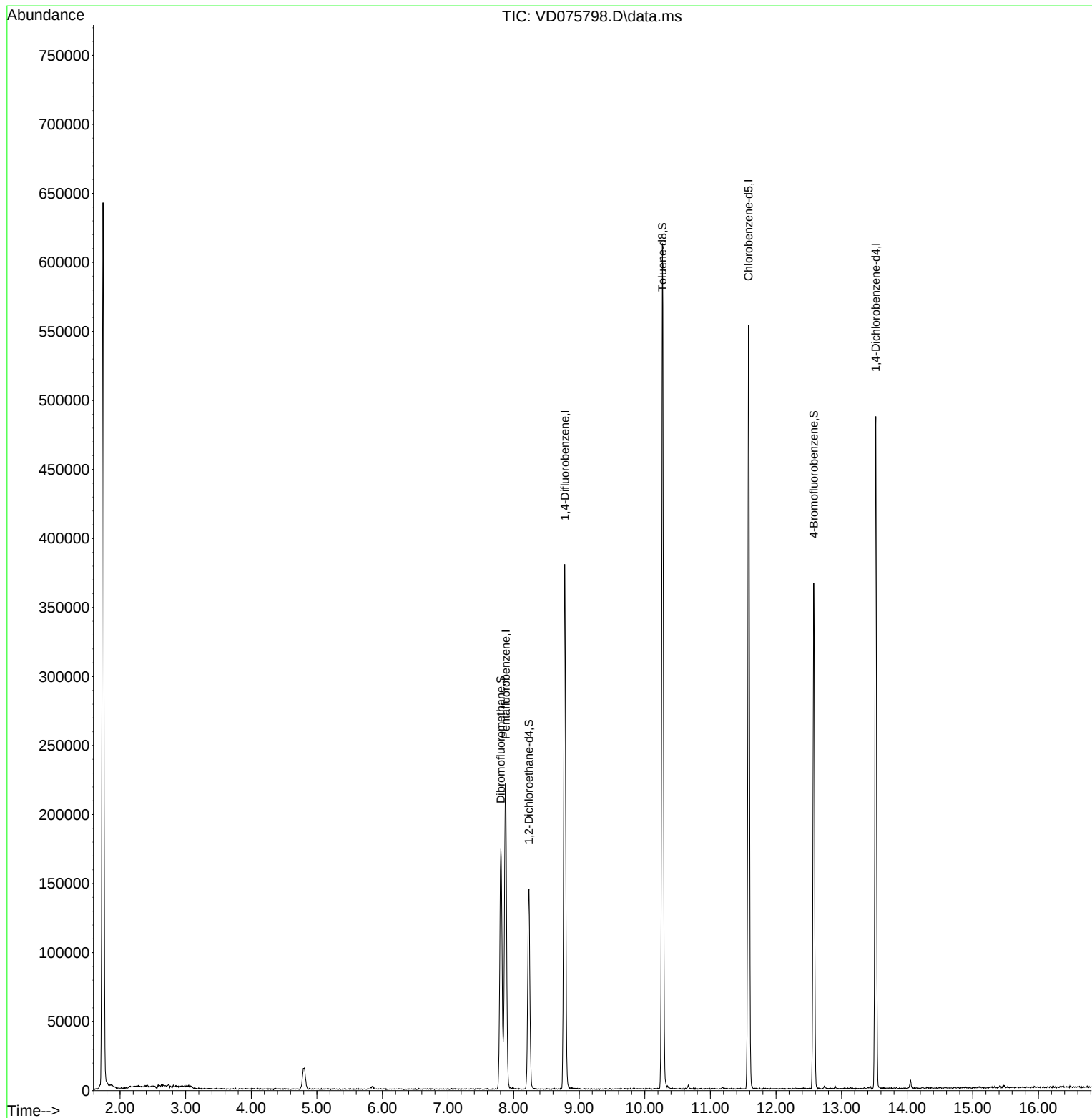
Target Compounds	Qvalue

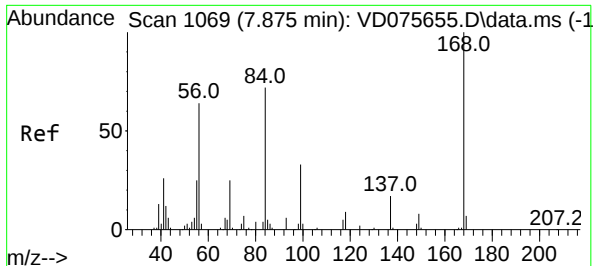
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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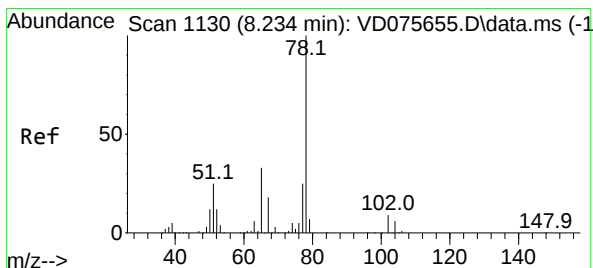
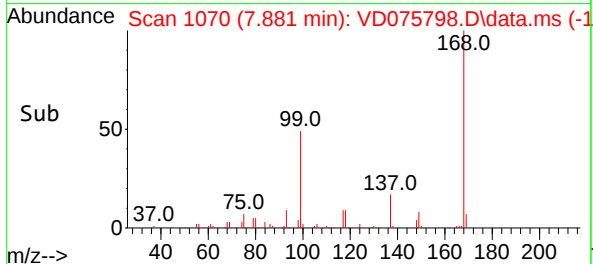
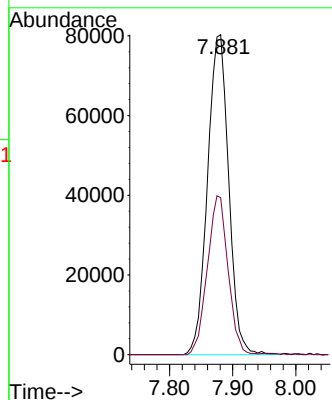
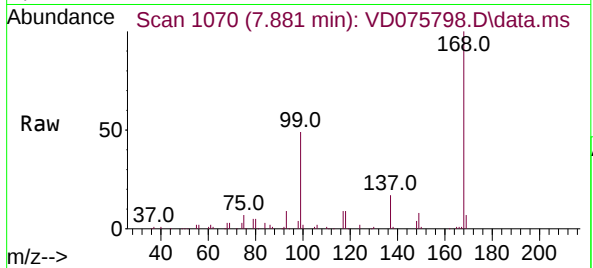




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075798.D
Acq: 24 Apr 2023 17:21

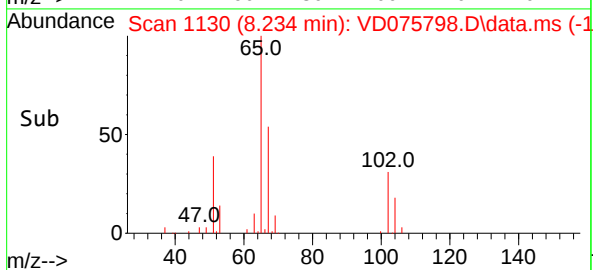
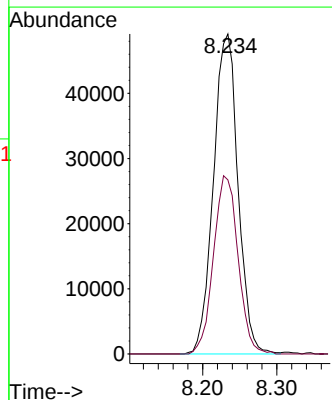
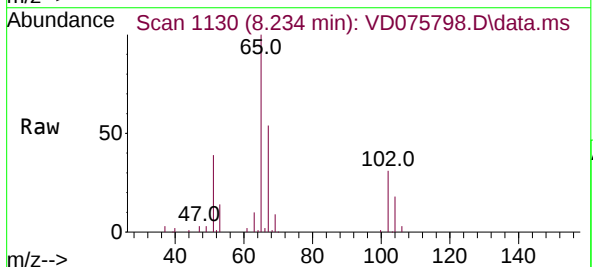
Instrument :
MSVOA_D
ClientSampleId :
OR-03-042023

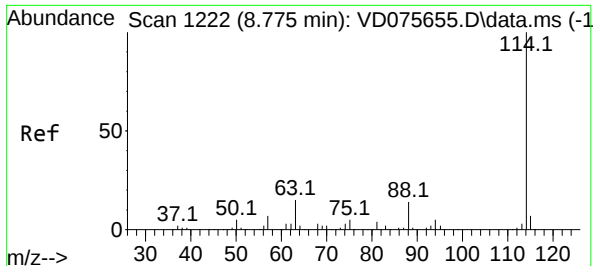
Tgt Ion:168 Resp: 186996
Ion Ratio Lower Upper
168 100
99 49.0 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 63.753 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075798.D
Acq: 24 Apr 2023 17:21

Tgt Ion: 65 Resp: 113158
Ion Ratio Lower Upper
65 100
67 55.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075798.D

Acq: 24 Apr 2023 17:21

Instrument :

MSVOA_D

ClientSampleId :

OR-03-042023

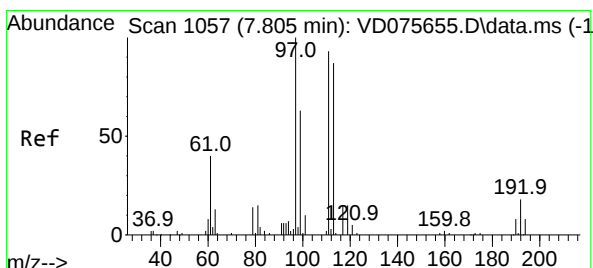
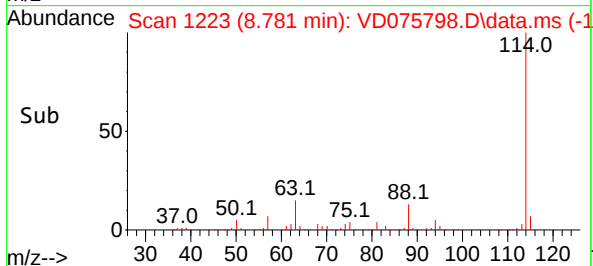
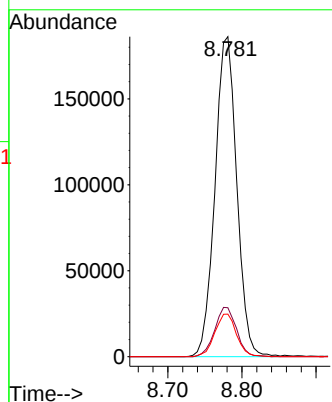
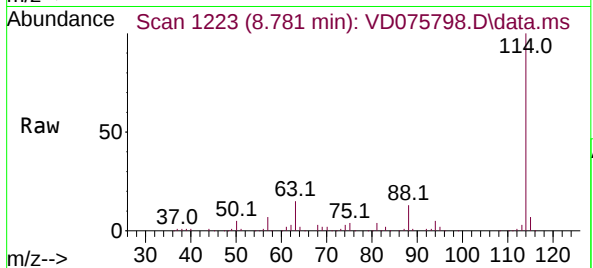
Tgt Ion:114 Resp: 380138

Ion Ratio Lower Upper

114 100

63 15.3 0.0 41.6

88 13.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.088 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075798.D

Acq: 24 Apr 2023 17:21

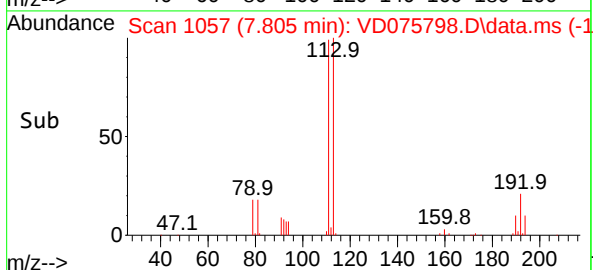
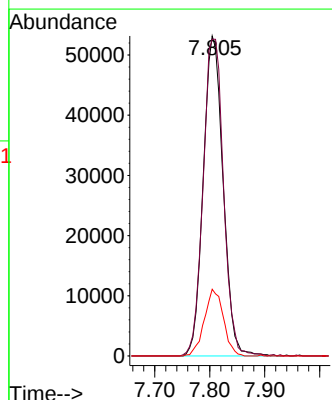
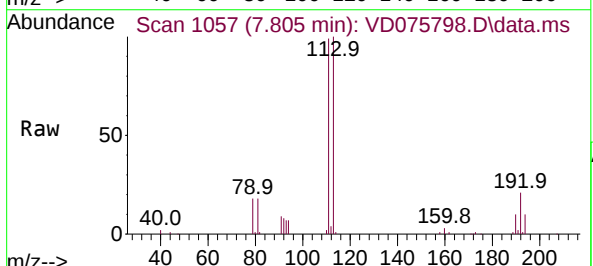
Tgt Ion:113 Resp: 133178

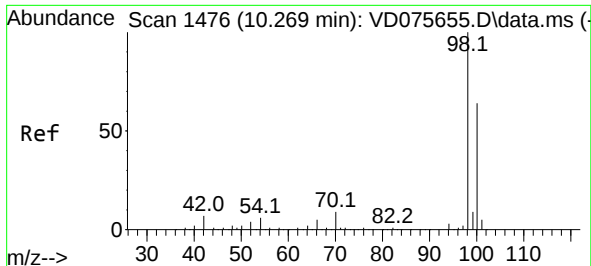
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 20.1 15.2 22.8

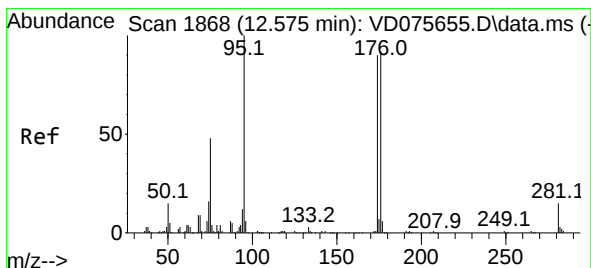
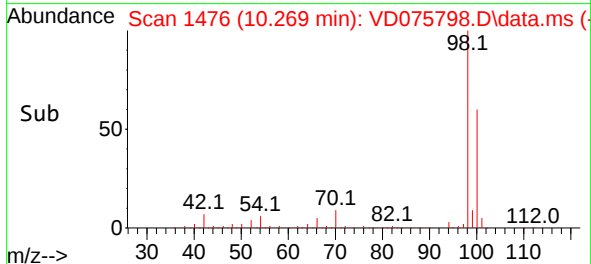
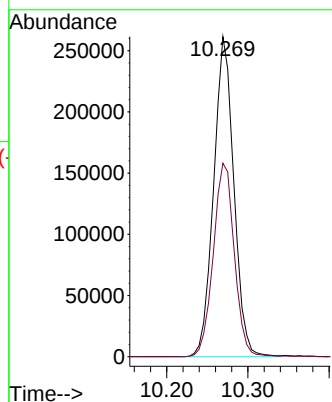
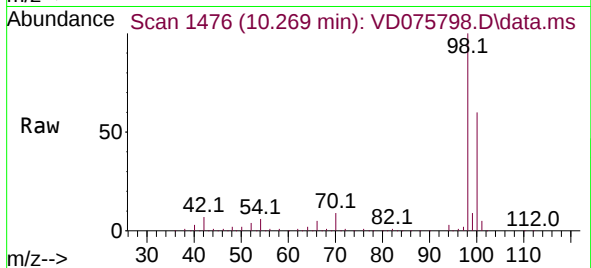




#50
Toluene-d8
Concen: 44.168 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075798.D
Acq: 24 Apr 2023 17:21

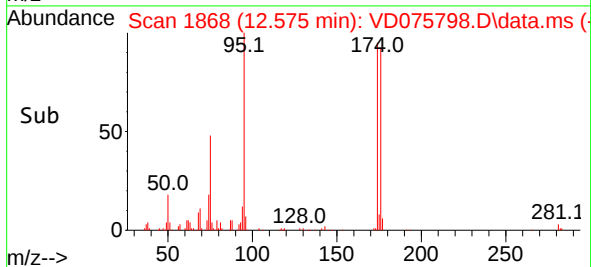
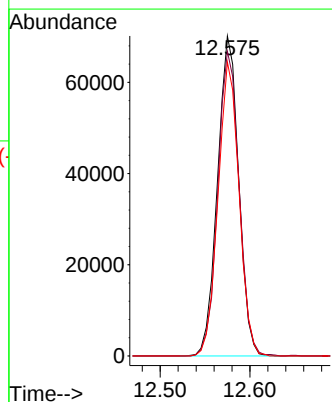
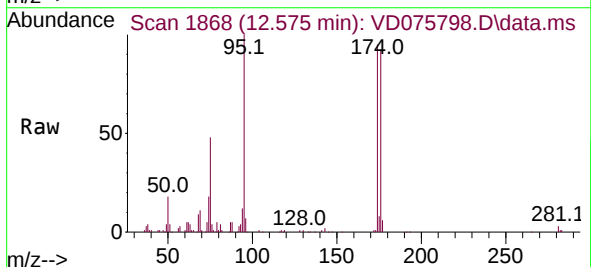
Instrument :
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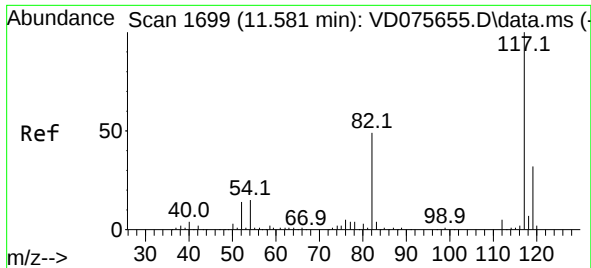
Tgt Ion: 98 Resp: 452236
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.236 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075798.D
Acq: 24 Apr 2023 17:21

Tgt Ion: 95 Resp: 114944
Ion Ratio Lower Upper
95 100
174 95.5 0.0 164.0
176 90.9 0.0 156.8

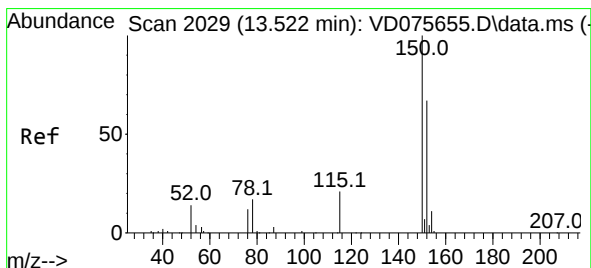
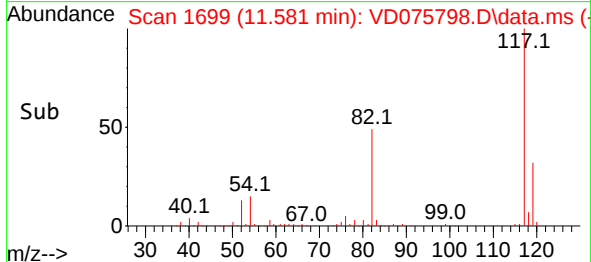
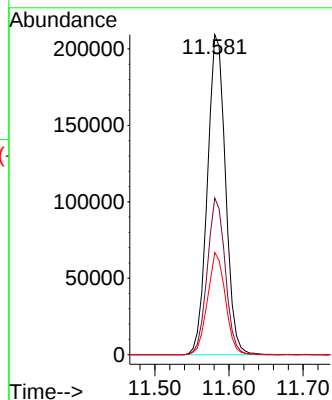
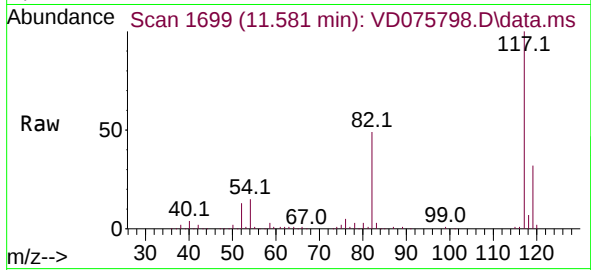




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075798.D
Acq: 24 Apr 2023 17:21

Instrument :
MSVOA_D
ClientSampleId :
OR-03-042023

Tgt Ion:117 Resp: 354804
Ion Ratio Lower Upper
117 100
82 49.0 44.0 66.0
119 31.9 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: VD075798.D
Acq: 24 Apr 2023 17:21

Tgt Ion:152 Resp: 144106
Ion Ratio Lower Upper
152 100
115 52.6 30.1 90.3
150 155.5 0.0 364.8

