

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
 Data File : VD078067.D
 Acq On : 22 Dec 2023 16:40
 Operator : RP/MD
 Sample : 05879-05
 Misc : 5.40G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COM00

Quant Time: Dec 23 03:38:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

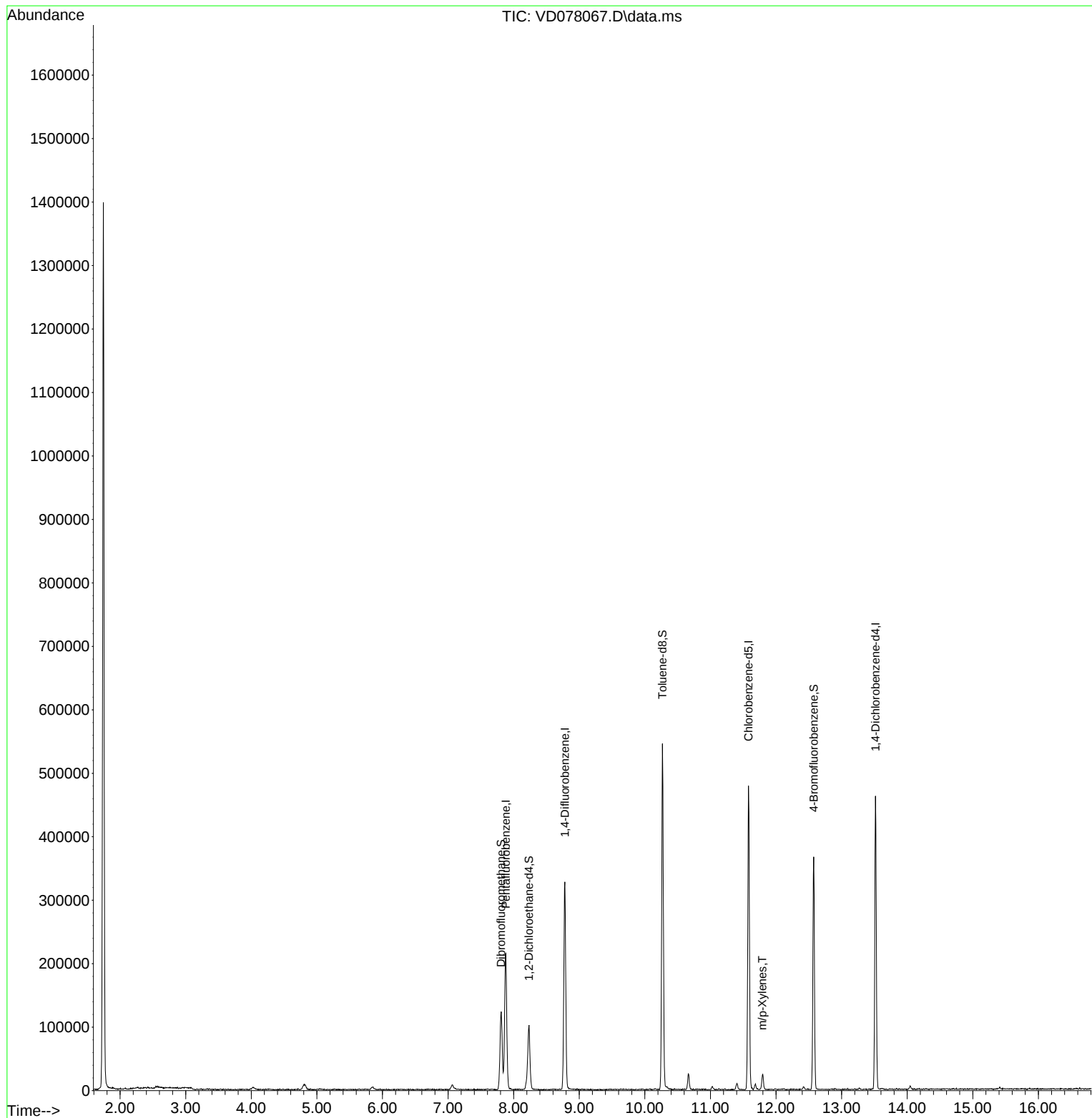
Internal Standards						
1) Pentafluorobenzene	7.881	168	165729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	289150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	281186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	122906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	74552	38.175	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	76.360%		
35) Dibromofluoromethane	7.810	113	88309	43.601	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.200%		
50) Toluene-d8	10.269	98	376501	46.413	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.820%		
62) 4-Bromofluorobenzene	12.575	95	106672	43.983	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.960%		
Target Compounds					Qvalue	
68) m/p-Xylenes	11.792	106	7377	1.647	ug/l	94

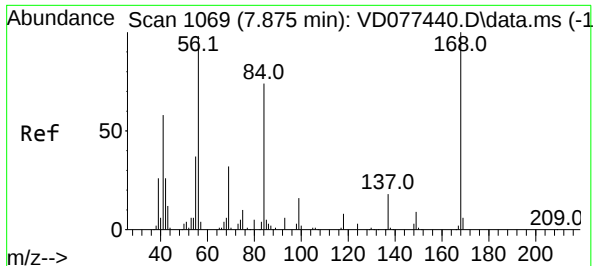
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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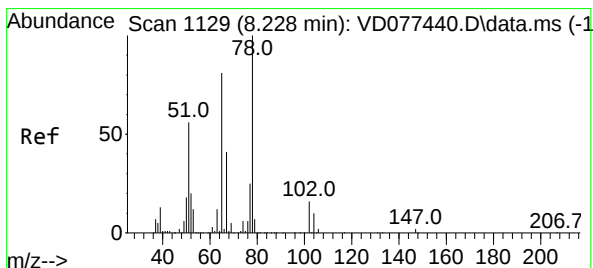
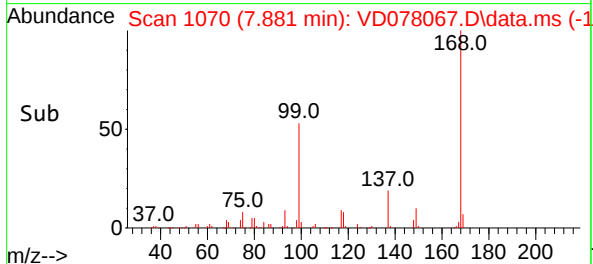
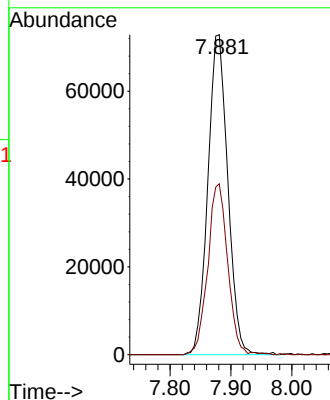
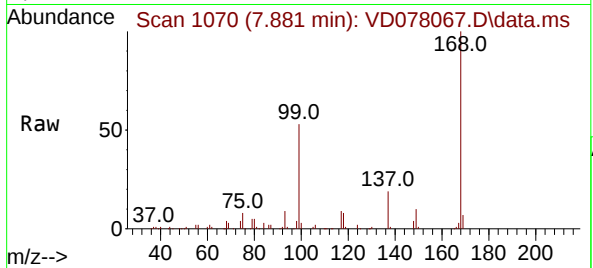




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD078067.D
Acq: 22 Dec 2023 16:40

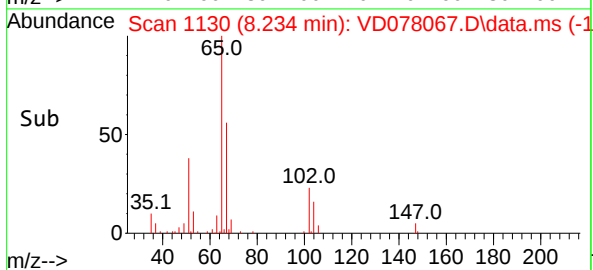
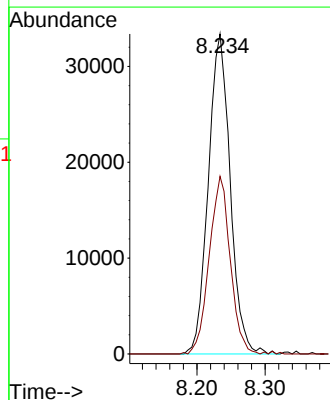
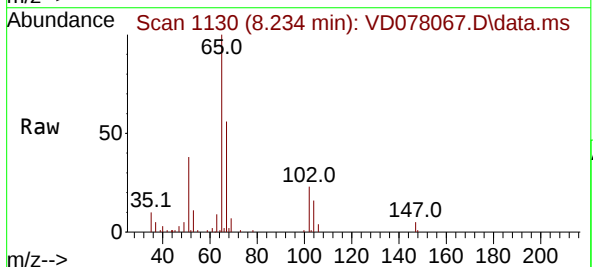
Instrument :
MSVOA_D
ClientSampleId :
COM00

Tgt Ion:168 Resp: 165729
Ion Ratio Lower Upper
168 100
99 53.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 38.175 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078067.D
Acq: 22 Dec 2023 16:40

Tgt Ion: 65 Resp: 74552
Ion Ratio Lower Upper
65 100
67 53.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078067.D

Acq: 22 Dec 2023 16:40

Instrument :

MSVOA_D

ClientSampleId :

COM00

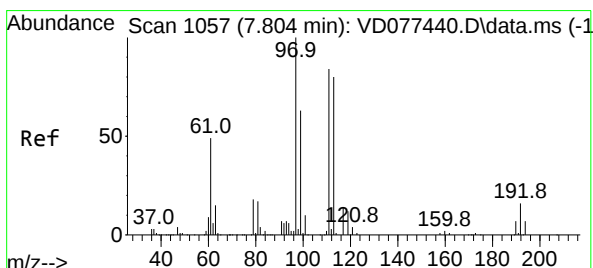
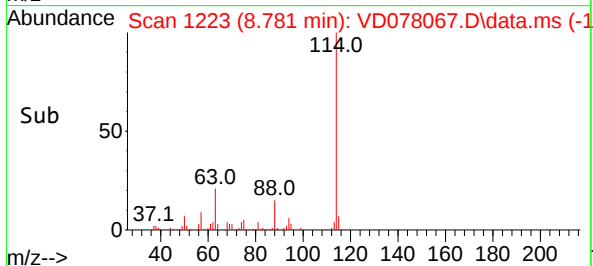
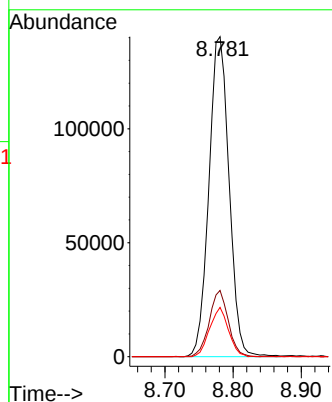
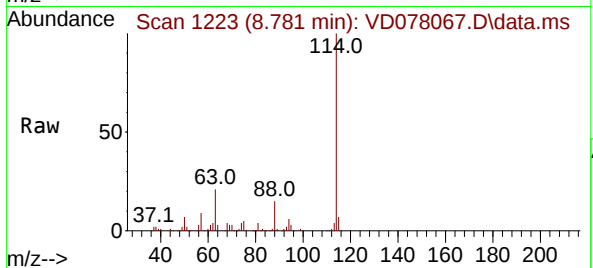
Tgt Ion:114 Resp: 289150

Ion Ratio Lower Upper

114 100

63 20.7 0.0 33.4

88 15.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.601 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078067.D

Acq: 22 Dec 2023 16:40

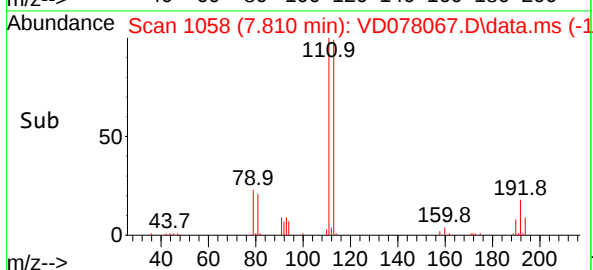
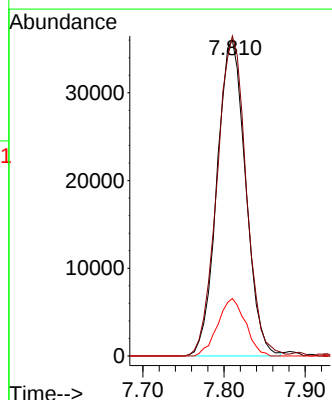
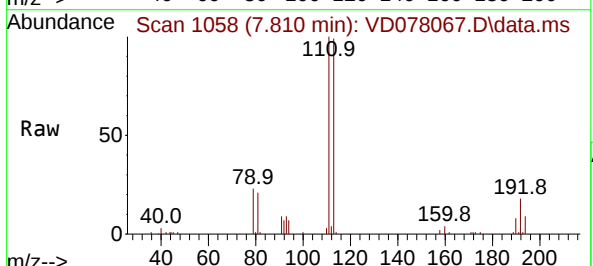
Tgt Ion:113 Resp: 88309

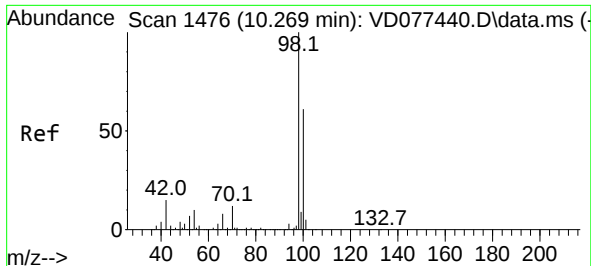
Ion Ratio Lower Upper

113 100

111 102.9 84.7 127.1

192 17.6 16.8 25.2

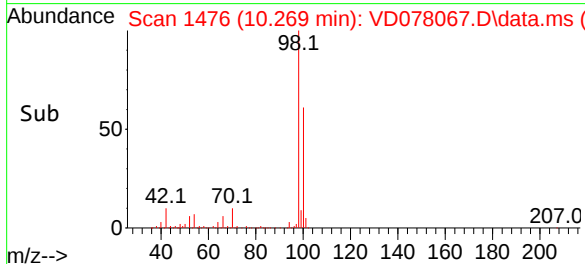
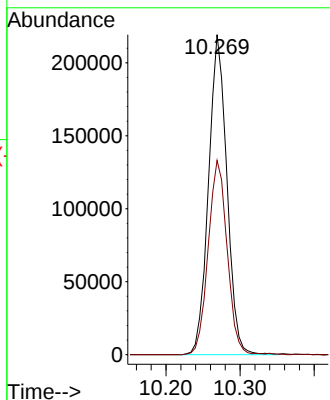
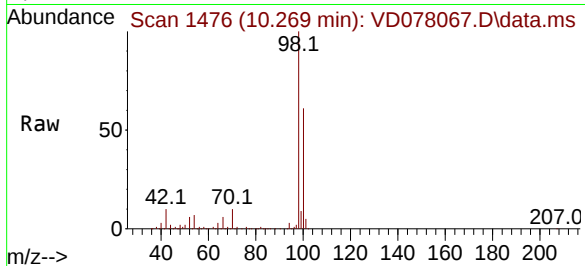




#50
Toluene-d8
Concen: 46.413 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078067.D
Acq: 22 Dec 2023 16:40

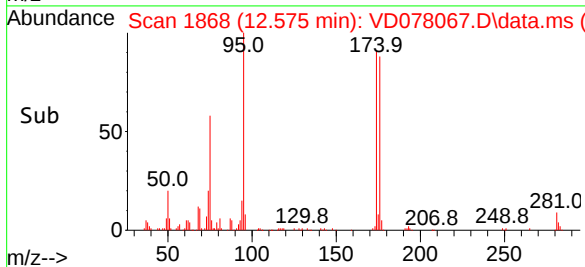
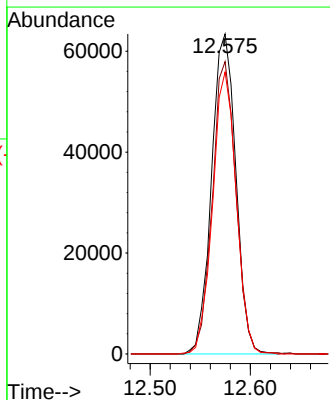
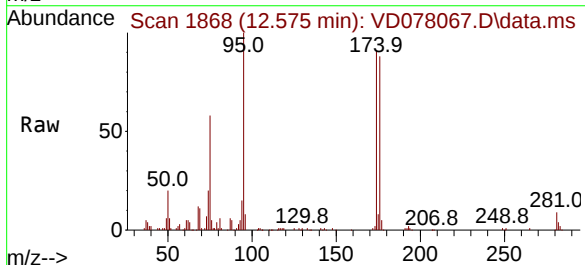
Instrument :
MSVOA_D
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COM00

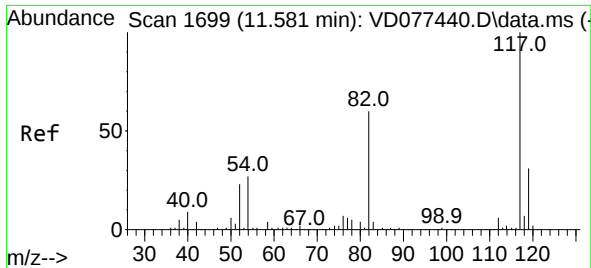
Tgt Ion: 98 Resp: 376501
Ion Ratio Lower Upper
98 100
100 62.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.983 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078067.D
Acq: 22 Dec 2023 16:40

Tgt Ion: 95 Resp: 106672
Ion Ratio Lower Upper
95 100
174 89.0 0.0 201.8
176 85.8 0.0 191.8

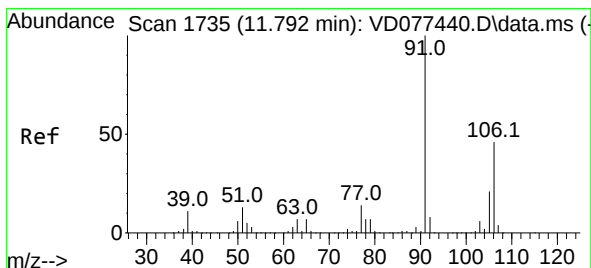
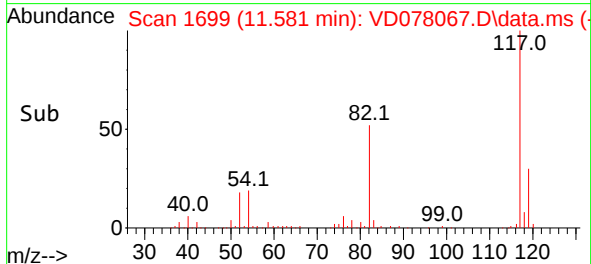
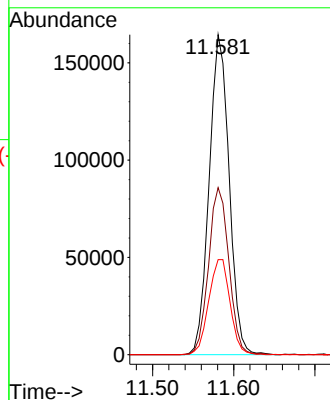
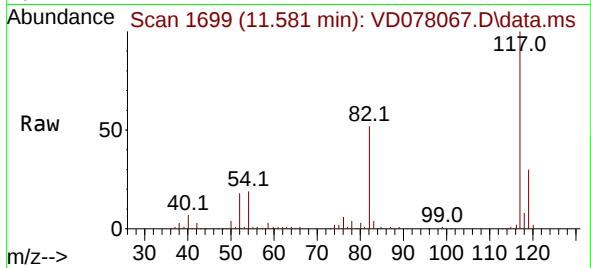




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078067.D
Acq: 22 Dec 2023 16:40

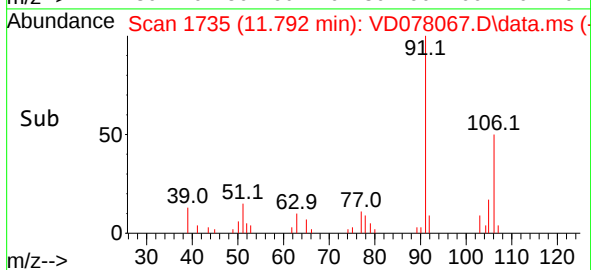
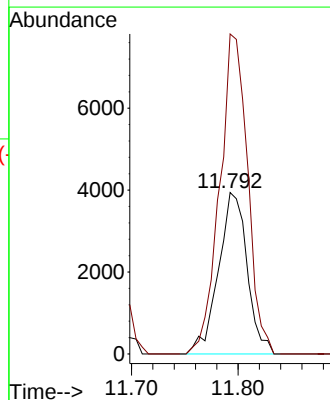
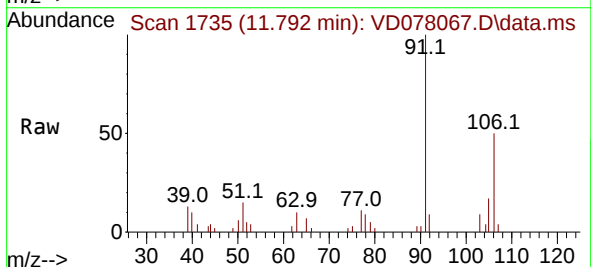
Instrument :
MSVOA_D
ClientSampleId :
COM00

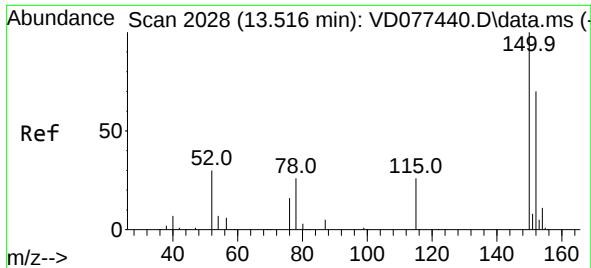
Tgt Ion:117 Resp: 281186
Ion Ratio Lower Upper
117 100
82 52.2 38.3 57.5
119 29.7 25.0 37.4



#68
m/p-Xylenes
Concen: 1.647 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078067.D
Acq: 22 Dec 2023 16:40

Tgt Ion:106 Resp: 7377
Ion Ratio Lower Upper
106 100
91 193.0 147.0 220.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD078067.D
 Acq: 22 Dec 2023 16:40

Instrument :
 MSVOA_D
 ClientSampleId :
 COM00

Tgt Ion:152 Resp: 122906

Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.1	81.3
150	152.6	0.0	353.6

