

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077131.D
 Acq On : 18 Sep 2023 15:54
 Operator : JC/SY
 Sample : 04436-05
 Misc : 3.93G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CPT103-05(2.5-3)

Quant Time: Sep 19 04:57:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

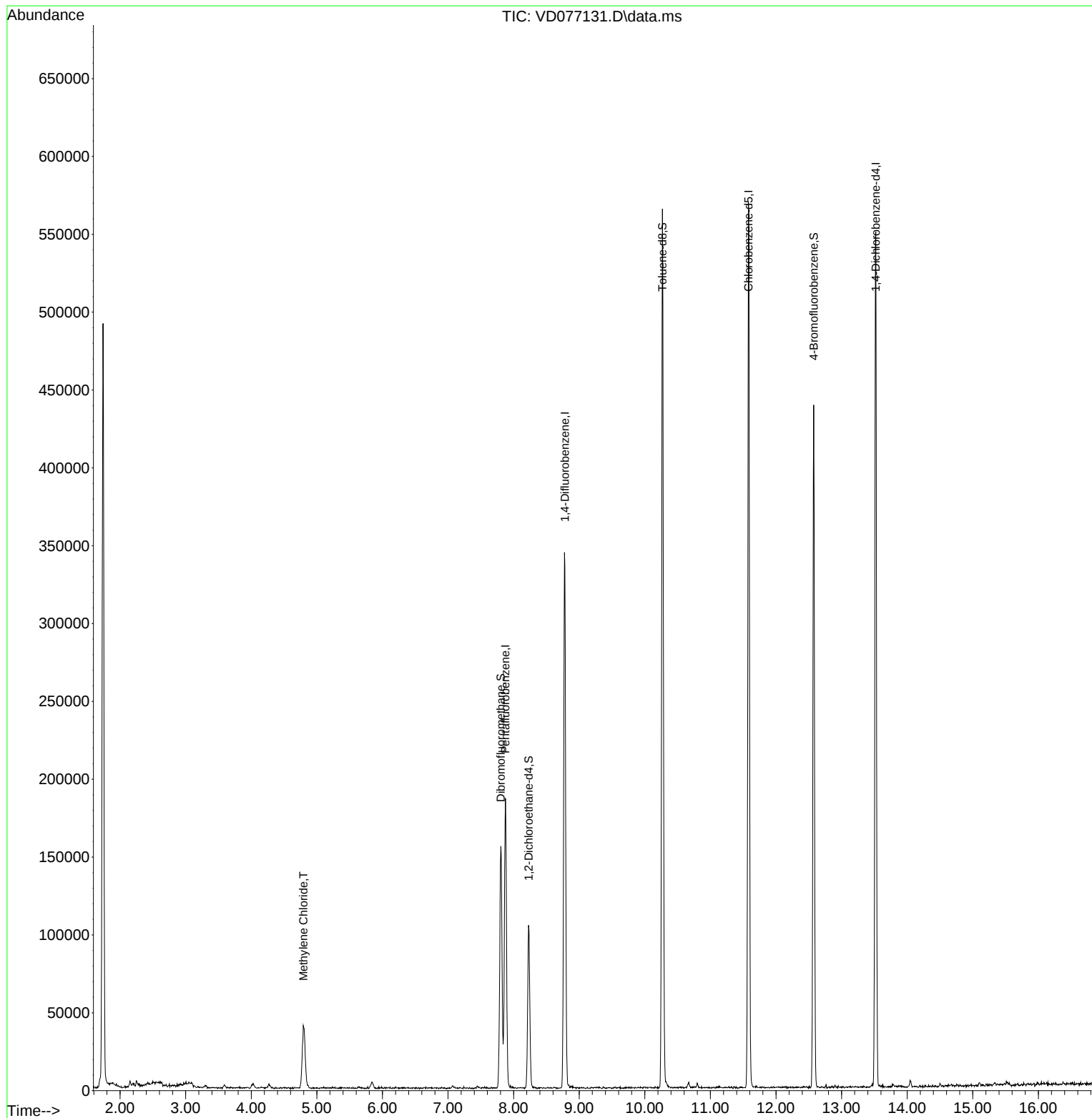
Internal Standards						
1) Pentafluorobenzene	7.875	168	146832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	327421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	347734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	160528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79510	53.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.320%	
35) Dibromofluoromethane	7.805	113	114797	50.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.960%	
50) Toluene-d8	10.269	98	403988	49.906	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	12.575	95	132298	52.730	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.460%	
Target Compounds						Qvalue
20) Methylene Chloride	4.793	84	33786	10.419	ug/l	90

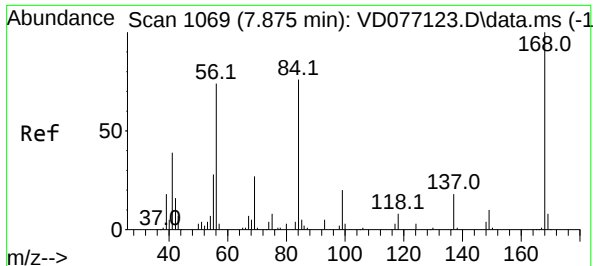
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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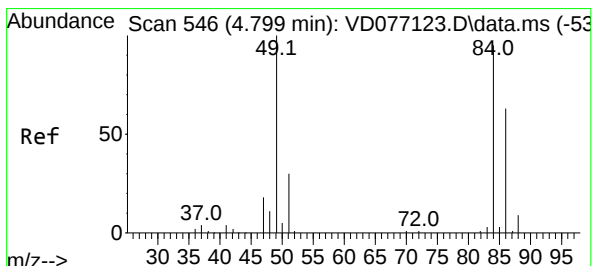
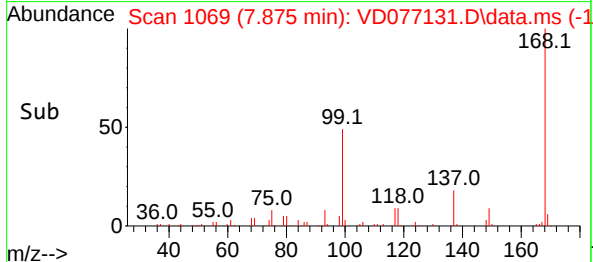
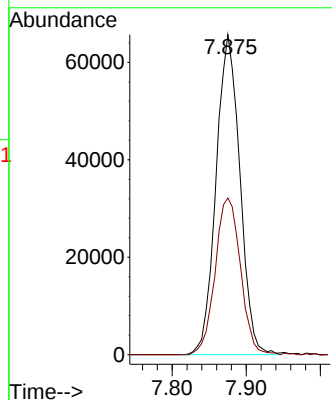
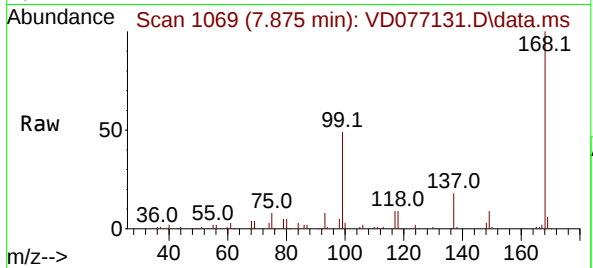




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077131.D
Acq: 18 Sep 2023 15:54

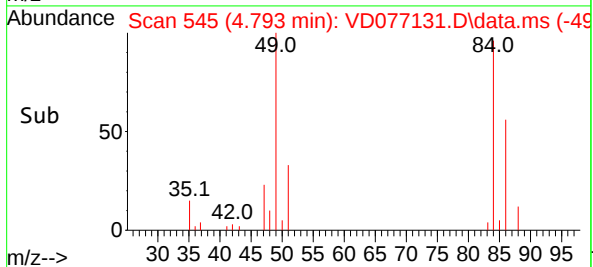
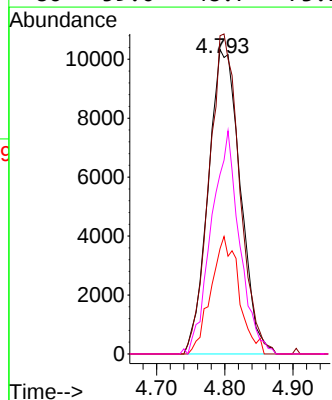
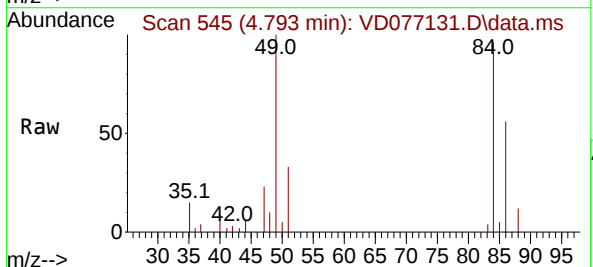
Instrument :
MSVOA_D
ClientSampleId :
CPT103-05(2.5-3)

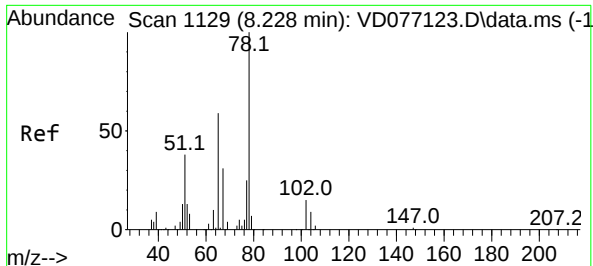
Tgt Ion:168 Resp: 146832
Ion Ratio Lower Upper
168 100
99 48.9 36.7 55.1



#20
Methylene Chloride
Concen: 10.419 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD077131.D
Acq: 18 Sep 2023 15:54

Tgt Ion: 84 Resp: 33786
Ion Ratio Lower Upper
84 100
49 104.5 71.4 107.2
51 34.6 24.5 36.7
86 59.0 48.7 73.1

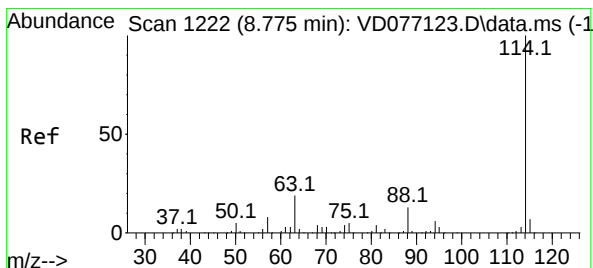
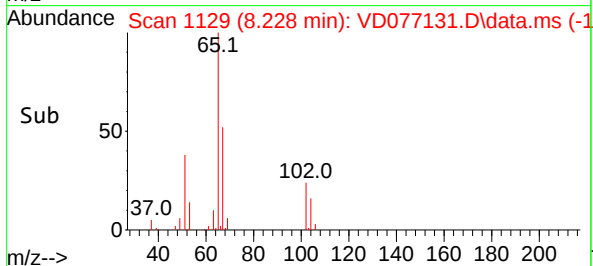
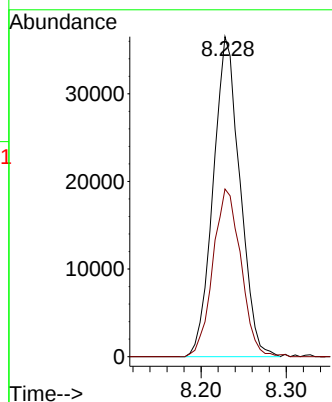
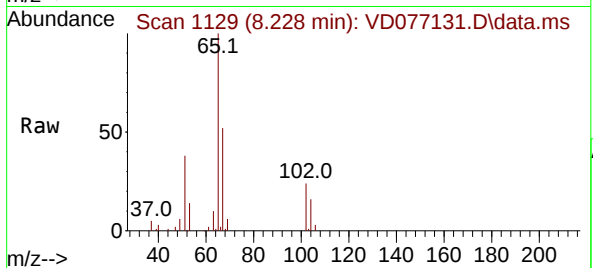




#33
 1,2-Dichloroethane-d4
 Concen: 53.656 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD077131.D
 Acq: 18 Sep 2023 15:54

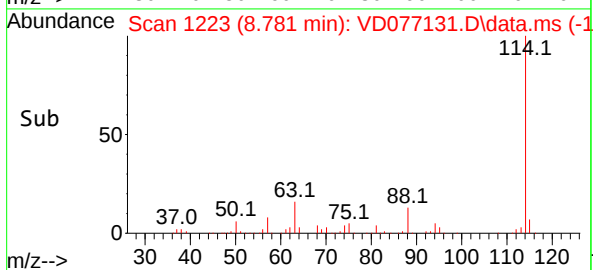
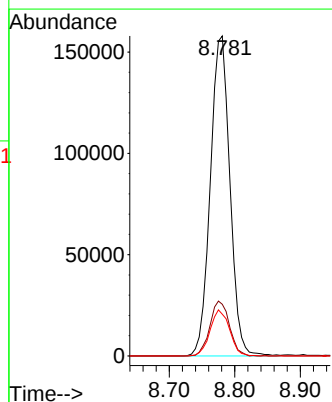
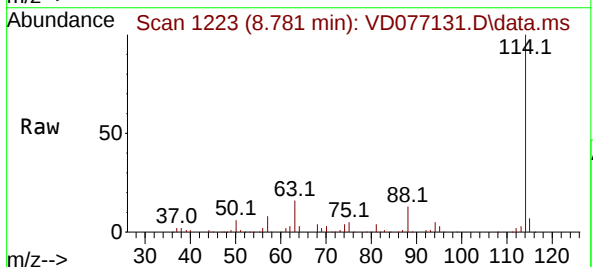
Instrument :
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 ClientSampleId :
 CPT103-05(2.5-3)

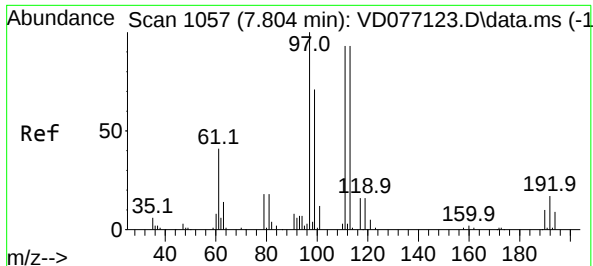
Tgt Ion: 65 Resp: 79510
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD077131.D
 Acq: 18 Sep 2023 15:54

Tgt Ion: 114 Resp: 327421
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 33.4
 88 13.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 50.477 ug/l

RT: 7.805 min Scan# 113

Delta R.T. 0.000 min

Lab File: VD077131.D

Acq: 18 Sep 2023 15:54

Instrument :

MSVOA_D

ClientSampleId :

CPT103-05(2.5-3)

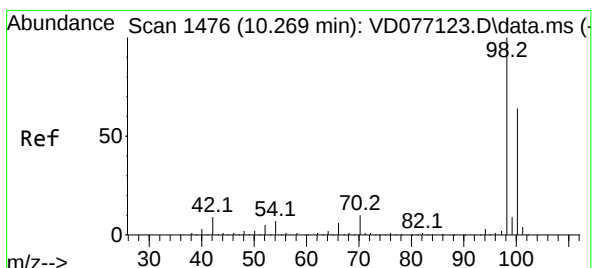
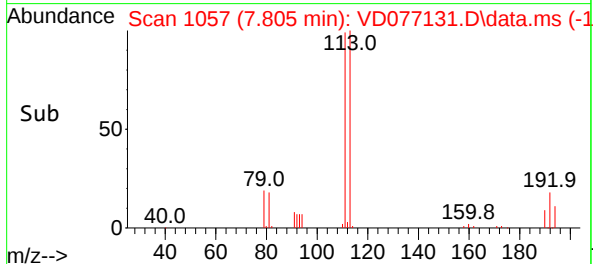
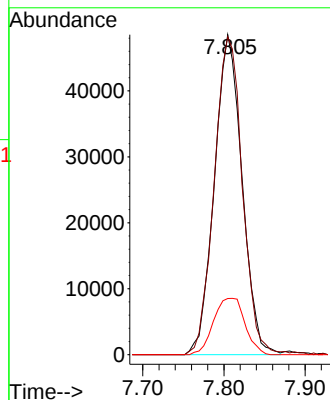
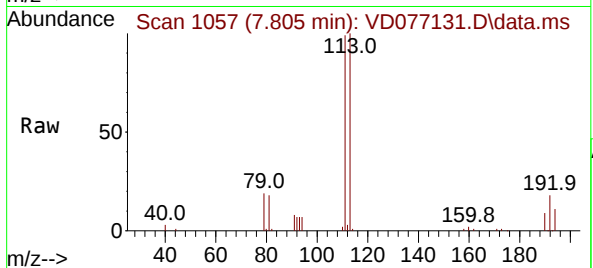
Tgt Ion:113 Resp: 114797

Ion Ratio Lower Upper

113 100

111 101.4 84.7 127.1

192 20.0 16.8 25.2



#50

Toluene-d8

Concen: 49.906 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077131.D

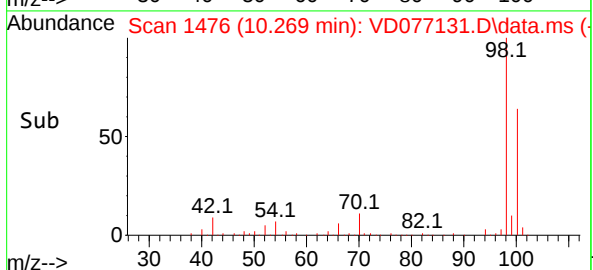
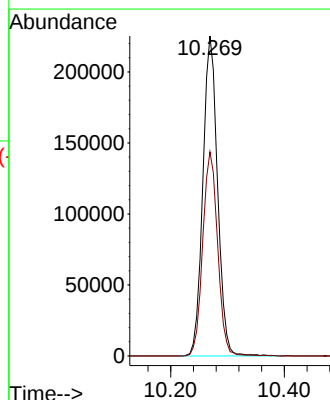
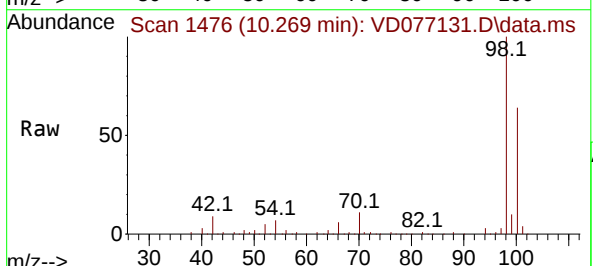
Acq: 18 Sep 2023 15:54

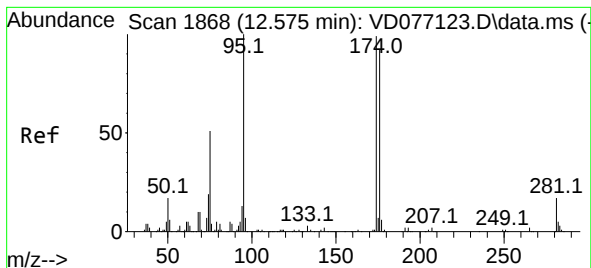
Tgt Ion: 98 Resp: 403988

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5

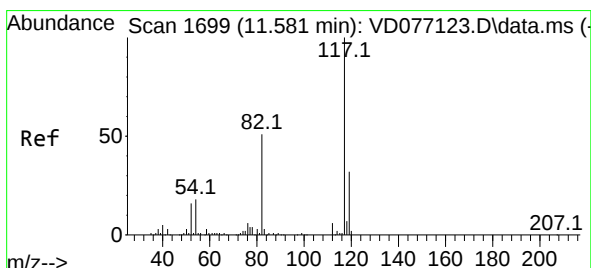
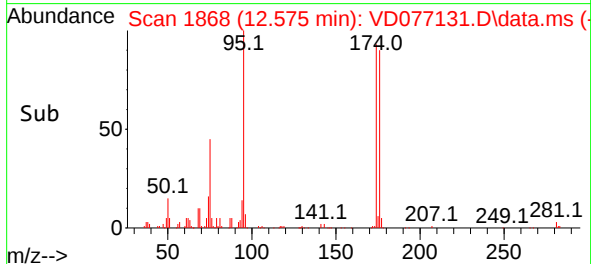
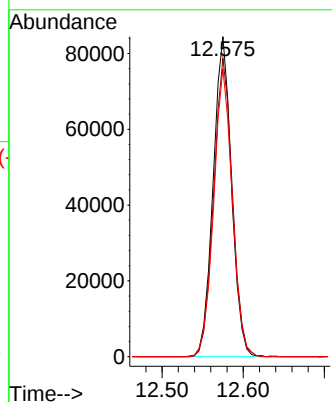
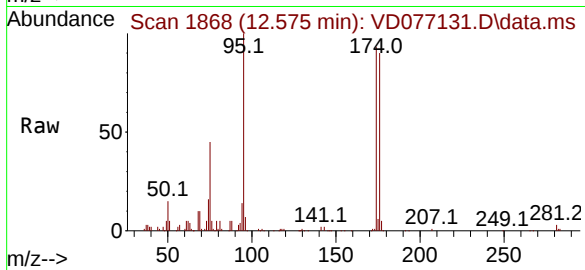




#62
4-Bromofluorobenzene
Concen: 52.730 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077131.D
Acq: 18 Sep 2023 15:54

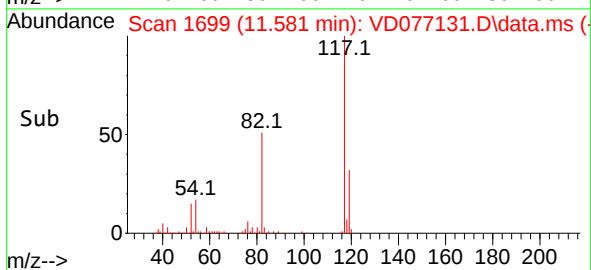
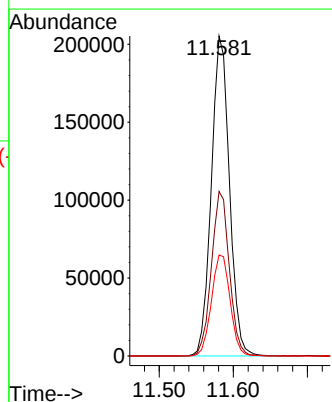
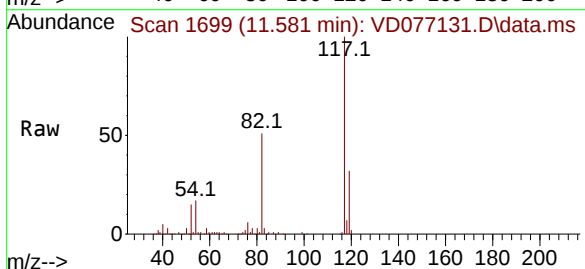
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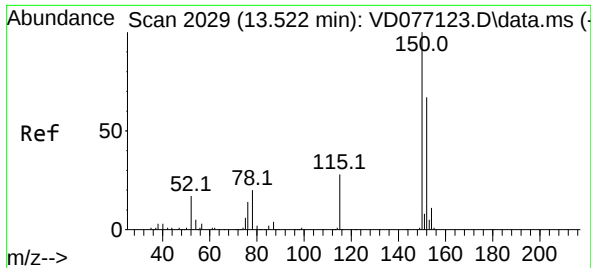
Tgt Ion: 95 Resp: 132298
Ion Ratio Lower Upper
95 100
174 95.6 0.0 201.8
176 91.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077131.D
Acq: 18 Sep 2023 15:54

Tgt Ion: 117 Resp: 347734
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 31.5 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD077131.D

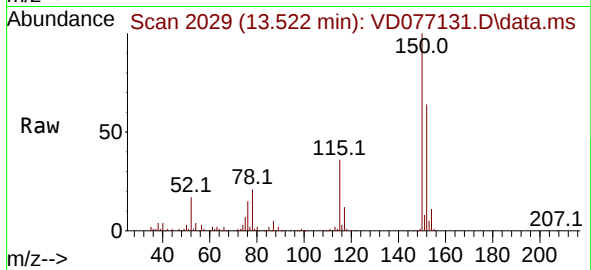
Acq: 18 Sep 2023 15:54

Instrument :

MSVOA_D

ClientSampleId :

CPT103-05(2.5-3)



Tgt Ion:152 Resp: 160528

Ion Ratio Lower Upper

152 100

115 54.9 27.1 81.3

150 156.4 0.0 353.6

