

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077136.D
 Acq On : 18 Sep 2023 18:12
 Operator : JC/SY
 Sample : 04436-03
 Misc : 3.38G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B103-05(6.5-7)

Quant Time: Sep 19 04:58:46 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)

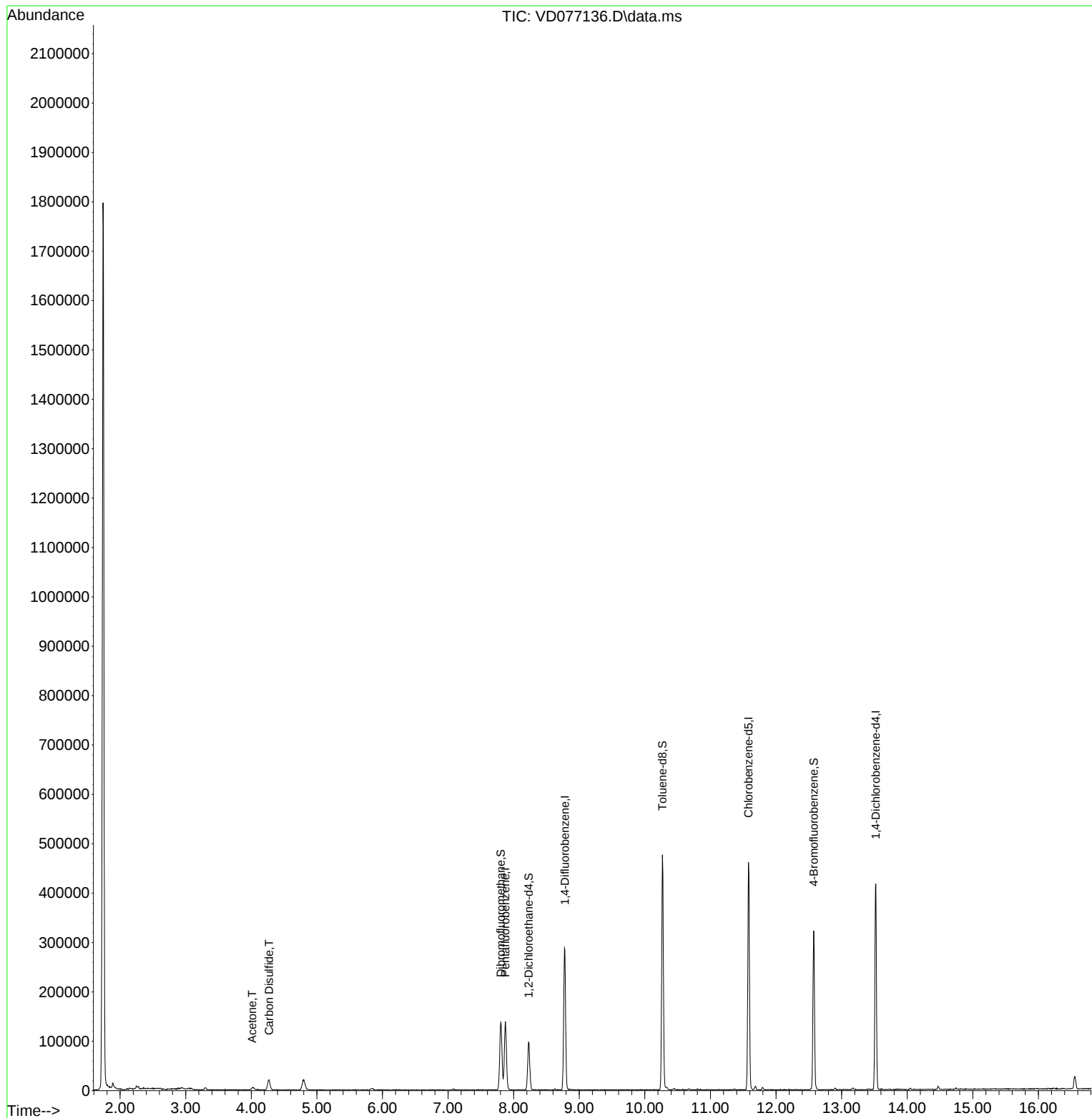
Internal Standards						
1) Pentafluorobenzene	7.875	168	110158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	270985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	287361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	106639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71538	64.348	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.700%
35) Dibromofluoromethane	7.804	113	100165	53.216	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.440%
50) Toluene-d8	10.269	98	331105	49.421	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.575	95	96764	46.599	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.200%
Target Compounds						Qvalue
16) Acetone	4.016	43	9405	37.015	ug/l #	80
17) Carbon Disulfide	4.269	76	42712	10.125	ug/l #	94

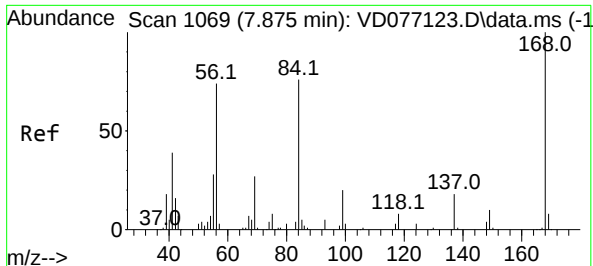
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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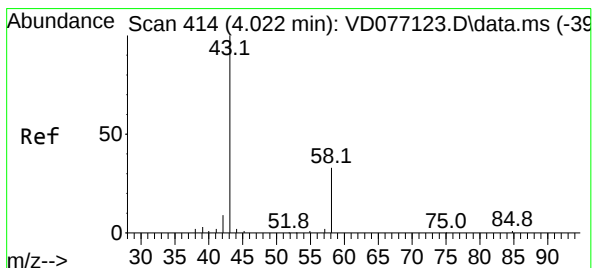
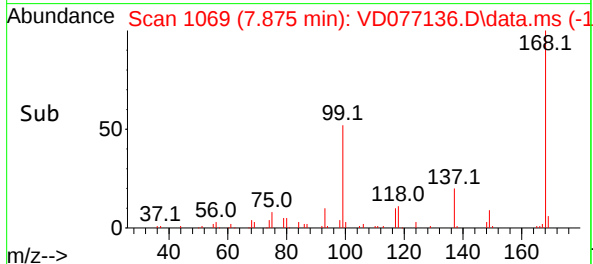
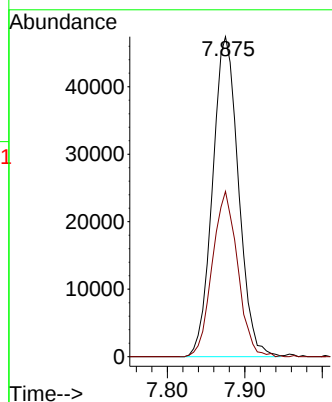
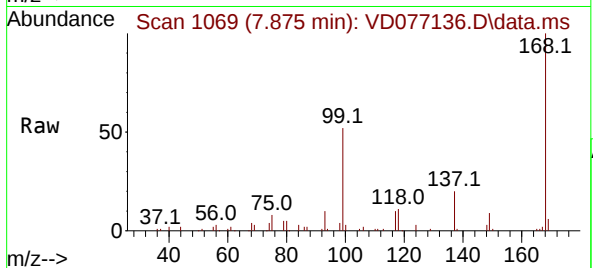




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD077136.D
Acq: 18 Sep 2023 18:12

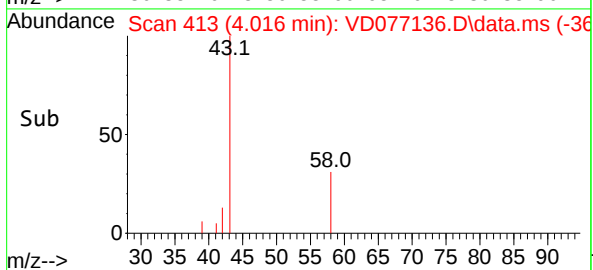
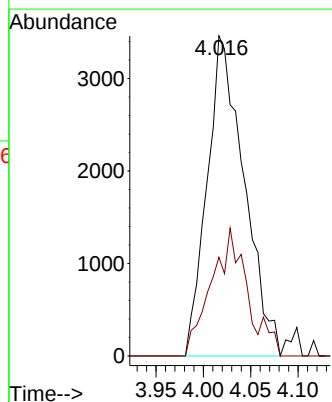
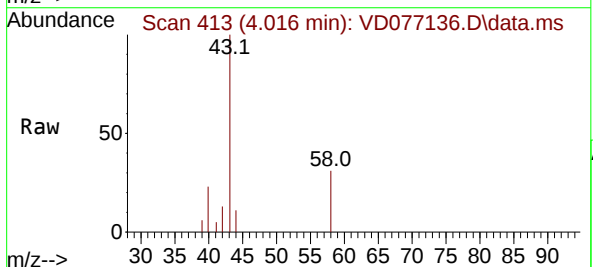
Instrument :
MSVOA_D
ClientSampleId :
B103-05(6.5-7)

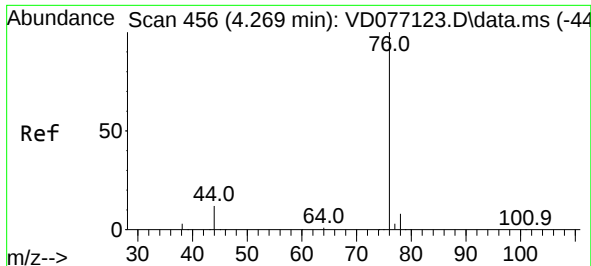
Tgt Ion:168 Resp: 110158
Ion Ratio Lower Upper
168 100
99 51.7 36.7 55.1



#16
Acetone
Concen: 37.015 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077136.D
Acq: 18 Sep 2023 18:12

Tgt Ion: 43 Resp: 9405
Ion Ratio Lower Upper
43 100
58 30.9 34.7 52.1#

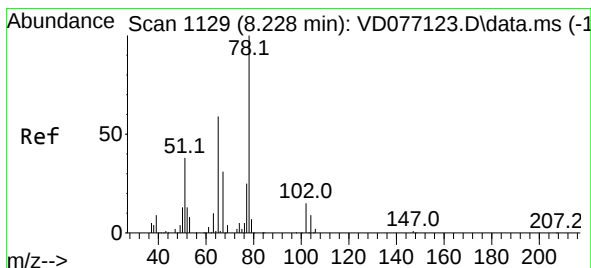
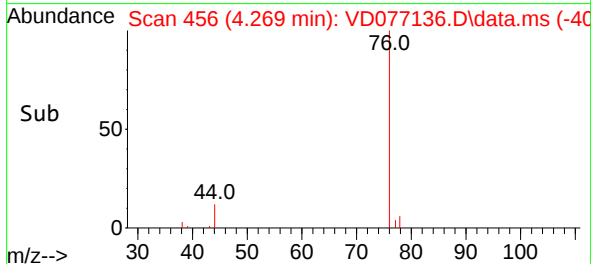
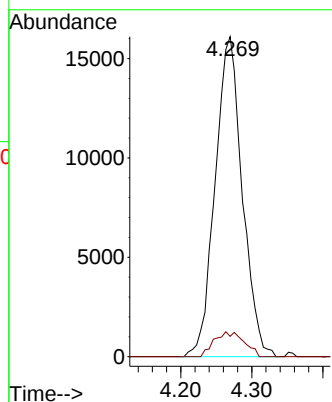
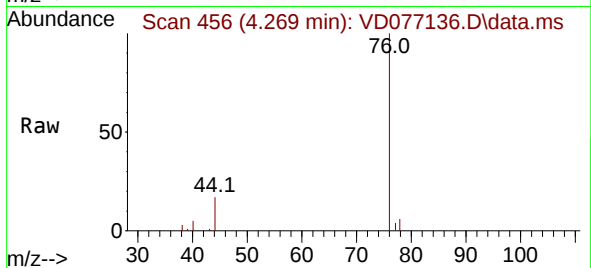




#17
Carbon Disulfide
Concen: 10.125 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077136.D
Acq: 18 Sep 2023 18:12

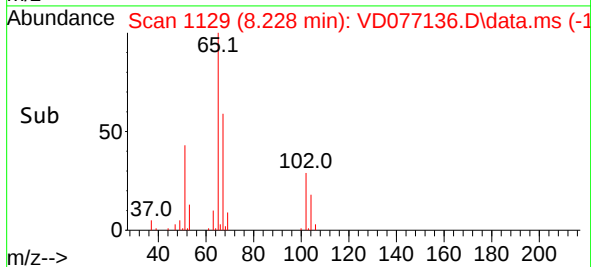
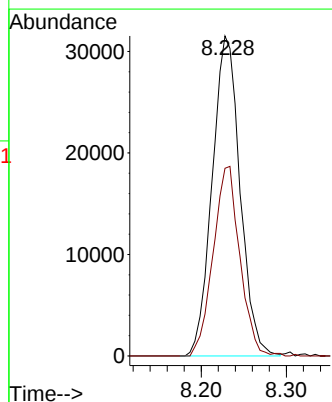
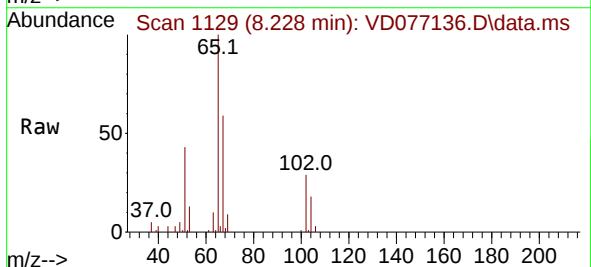
Instrument :
MSVOA_D
ClientSampleId :
B103-05(6.5-7)

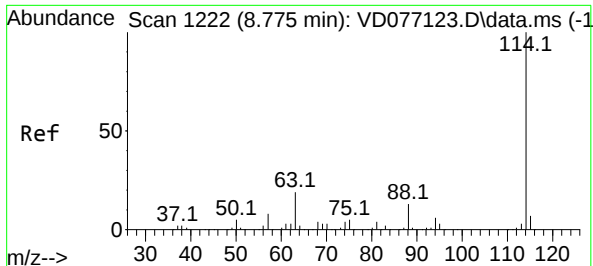
Tgt Ion: 76 Resp: 42712
Ion Ratio Lower Upper
76 100
78 6.4 6.8 10.2#



#33
1,2-Dichloroethane-d4
Concen: 64.348 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077136.D
Acq: 18 Sep 2023 18:12

Tgt Ion: 65 Resp: 71538
Ion Ratio Lower Upper
65 100
67 56.9 0.0 115.0

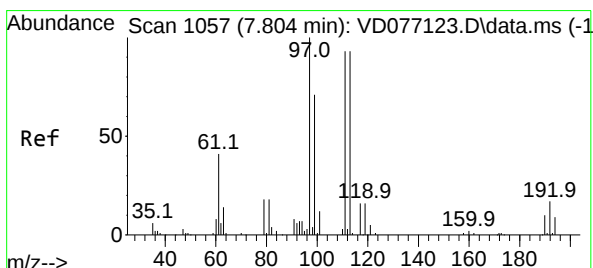
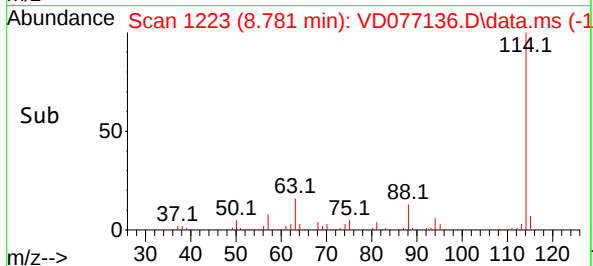
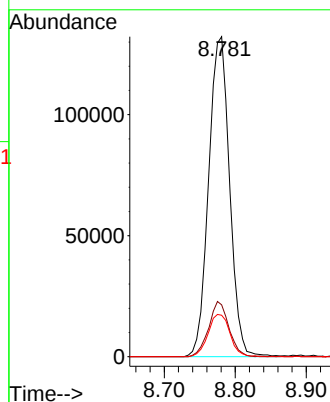
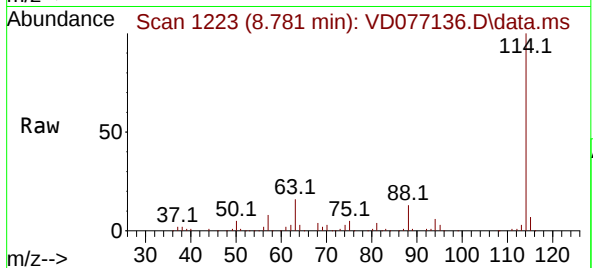




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077136.D
Acq: 18 Sep 2023 18:12

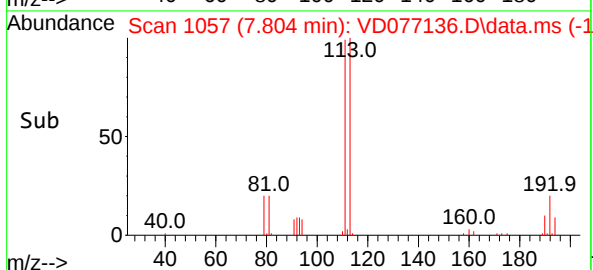
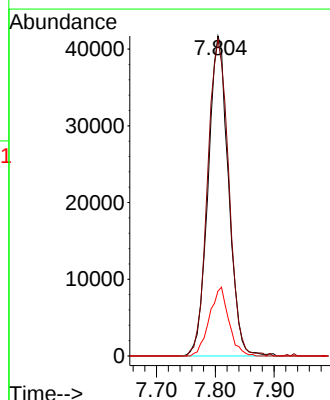
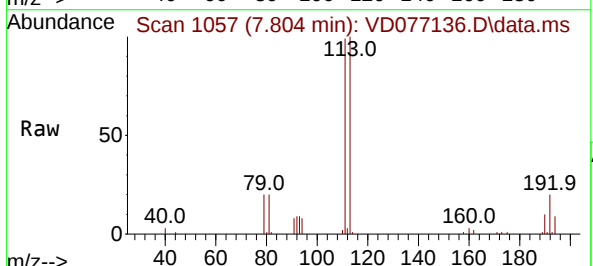
Instrument :
MSVOA_D
ClientSampleId :
B103-05(6.5-7)

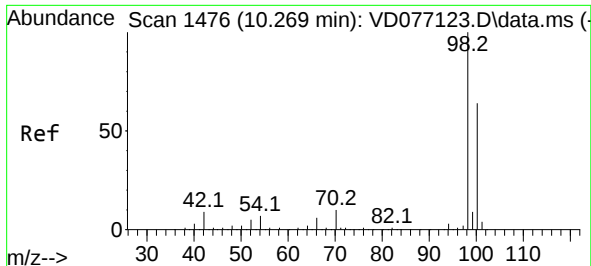
Tgt Ion:114 Resp: 270985
Ion Ratio Lower Upper
114 100
63 16.2 0.0 33.4
88 13.0 0.0 26.2



#35
Dibromofluoromethane
Concen: 53.216 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077136.D
Acq: 18 Sep 2023 18:12

Tgt Ion:113 Resp: 100165
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 20.5 16.8 25.2

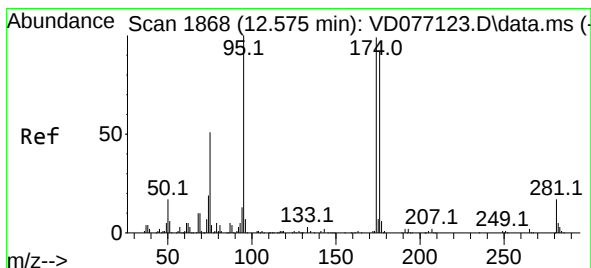
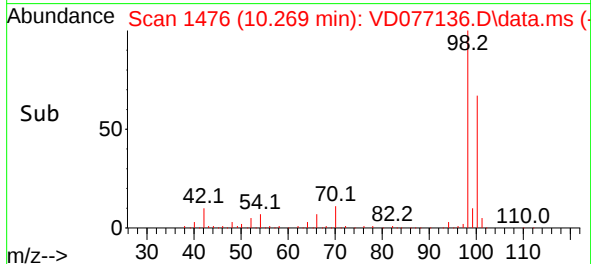
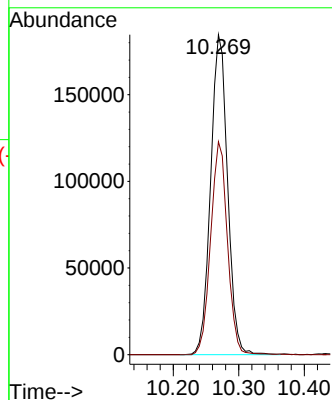
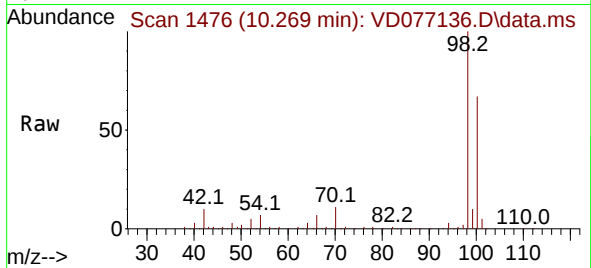




#50
Toluene-d8
Concen: 49.421 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077136.D
Acq: 18 Sep 2023 18:12

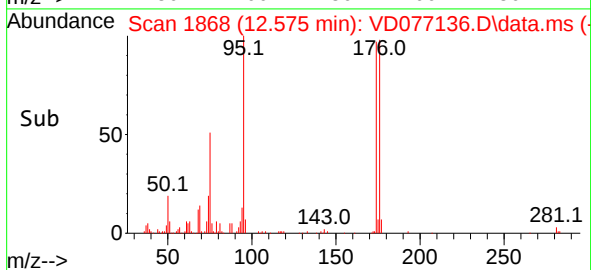
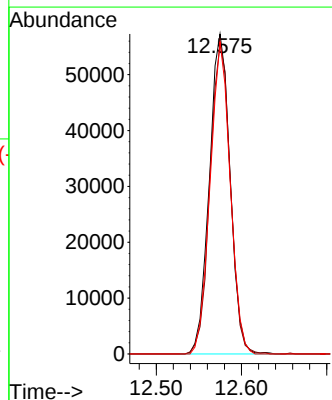
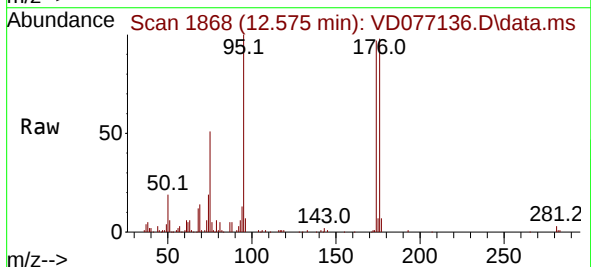
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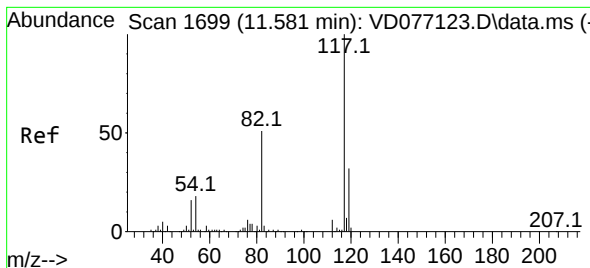
Tgt Ion: 98 Resp: 331105
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.599 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077136.D
Acq: 18 Sep 2023 18:12

Tgt Ion: 95 Resp: 96764
Ion Ratio Lower Upper
95 100
174 95.5 0.0 201.8
176 94.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077136.D

Acq: 18 Sep 2023 18:12

Instrument :

MSVOA_D

ClientSampleId :

B103-05(6.5-7)

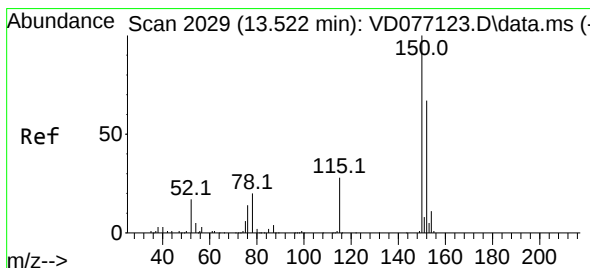
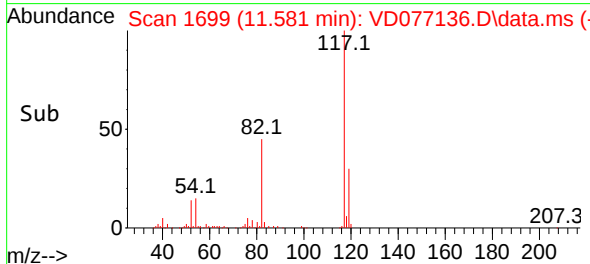
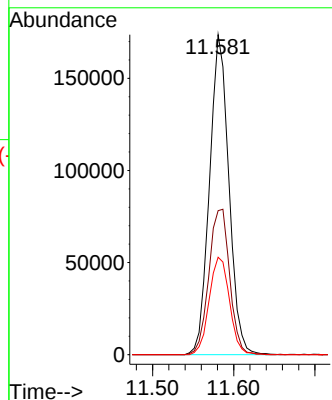
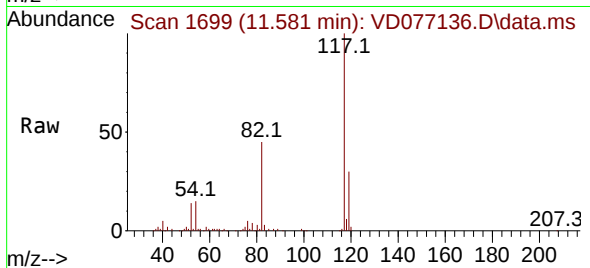
Tgt Ion:117 Resp: 287361

Ion Ratio Lower Upper

117 100

82 45.0 38.3 57.5

119 30.5 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD077136.D

Acq: 18 Sep 2023 18:12

Tgt Ion:152 Resp: 106639

Ion Ratio Lower Upper

152 100

115 53.7 27.1 81.3

150 157.8 0.0 353.6

