

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077137.D
 Acq On : 18 Sep 2023 18:40
 Operator : JC/SY
 Sample : 04436-17
 Misc : 2.59G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B102-10(8.5-9)

Quant Time: Sep 19 04:59:05 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)

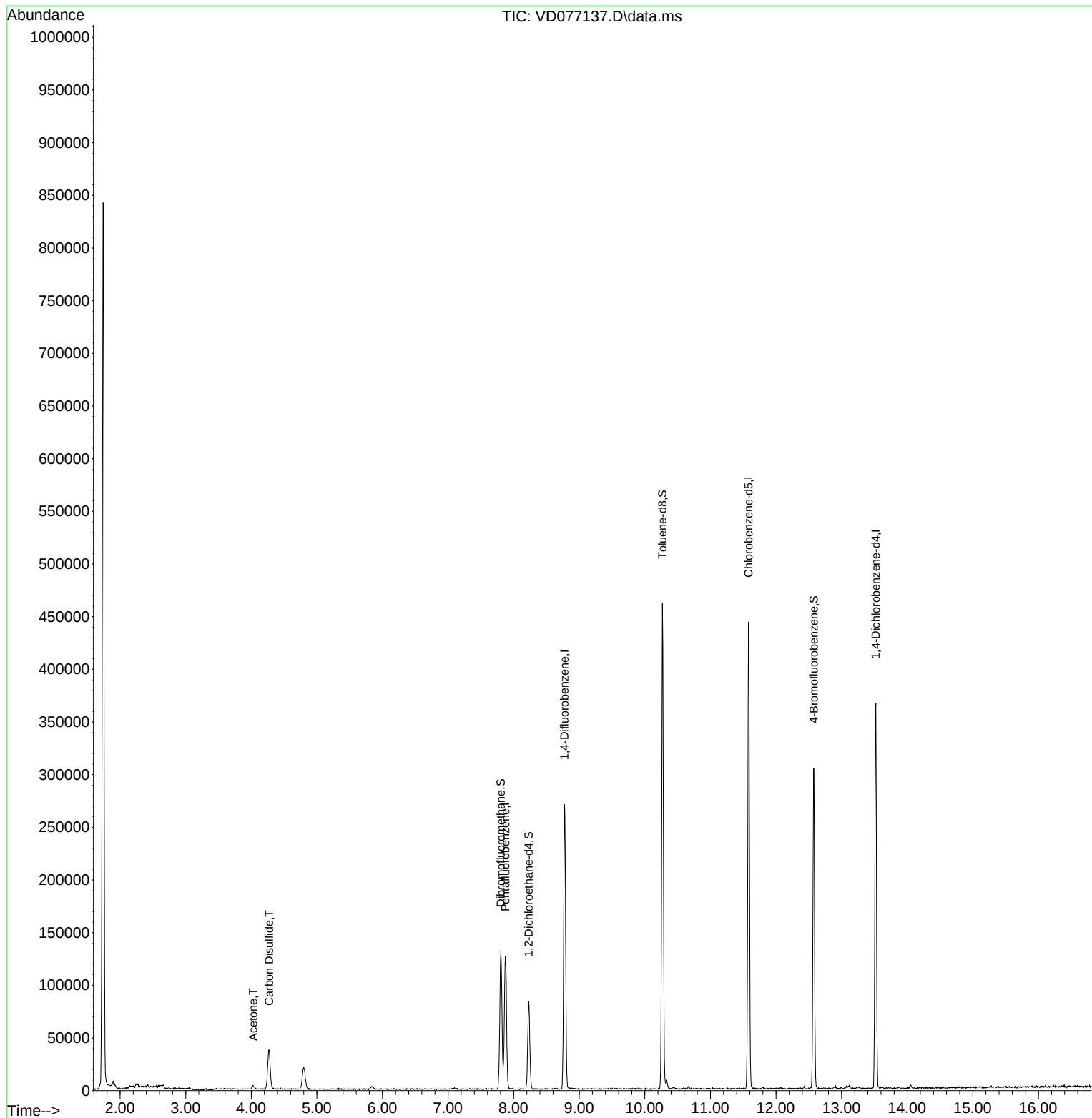
Internal Standards						
1) Pentafluorobenzene	7.875	168	103862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	253983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	269753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	102759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63589	60.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.340%
35) Dibromofluoromethane	7.804	113	92790	52.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.200%
50) Toluene-d8	10.269	98	322548	51.367	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.740%
62) 4-Bromofluorobenzene	12.575	95	92890	47.728	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.460%
Target Compounds						
						Qvalue
16) Acetone	4.028	43	5649	23.580	ug/l	# 62
17) Carbon Disulfide	4.269	76	80533	20.248	ug/l	97

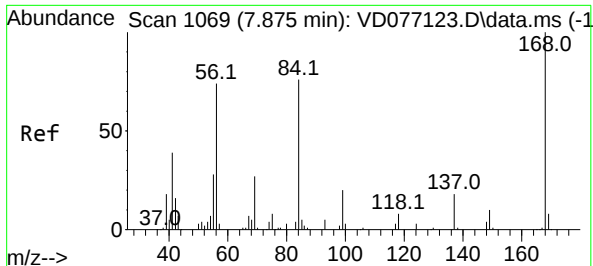
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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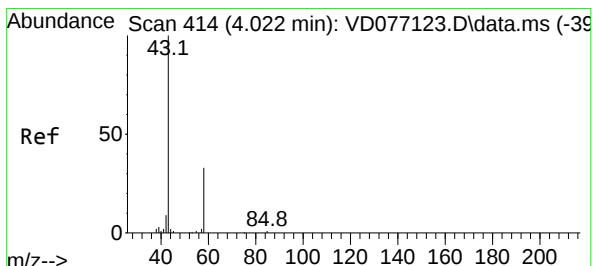
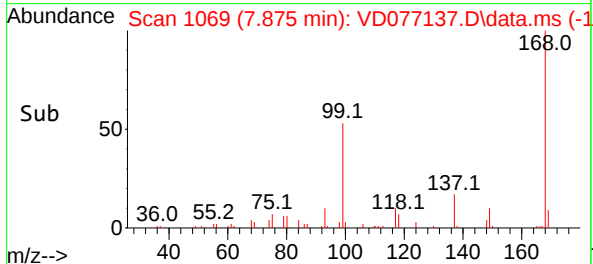
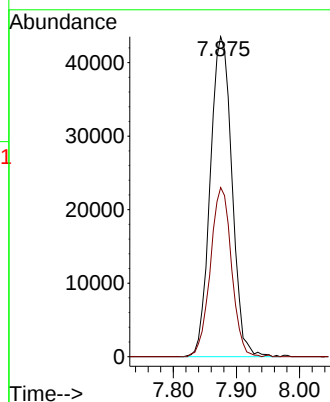
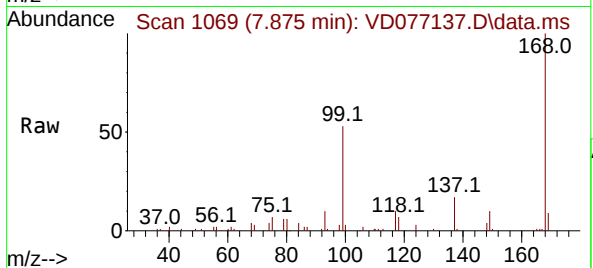




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077137.D
Acq: 18 Sep 2023 18:40

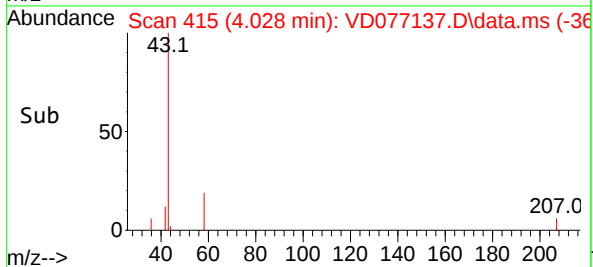
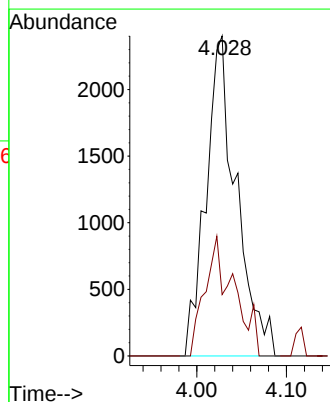
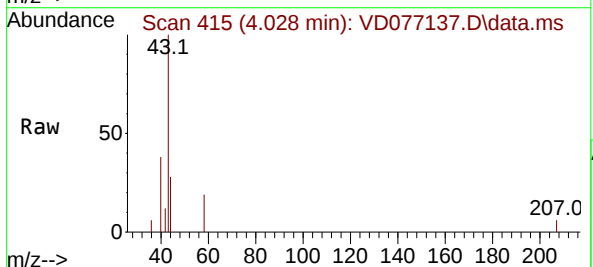
Instrument :
MSVOA_D
ClientSampleId :
B102-10(8.5-9)

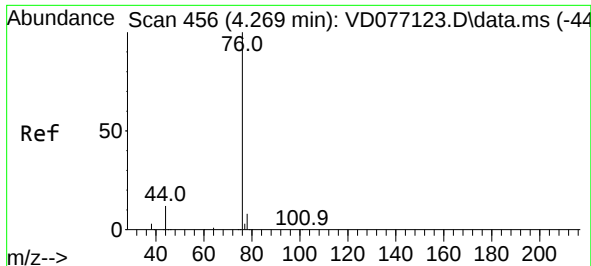
Tgt Ion:168 Resp: 103862
Ion Ratio Lower Upper
168 100
99 52.8 36.7 55.1



#16
Acetone
Concen: 23.580 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077137.D
Acq: 18 Sep 2023 18:40

Tgt Ion: 43 Resp: 5649
Ion Ratio Lower Upper
43 100
58 19.2 34.7 52.1#

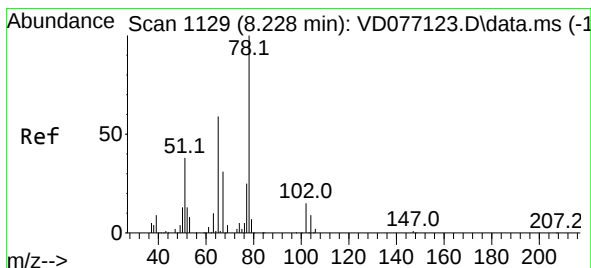
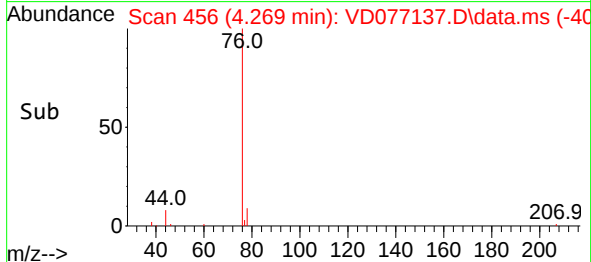
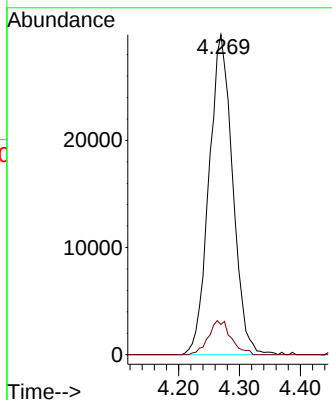
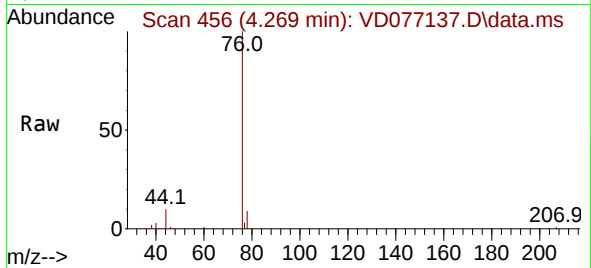




#17
Carbon Disulfide
Concen: 20.248 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077137.D
Acq: 18 Sep 2023 18:40

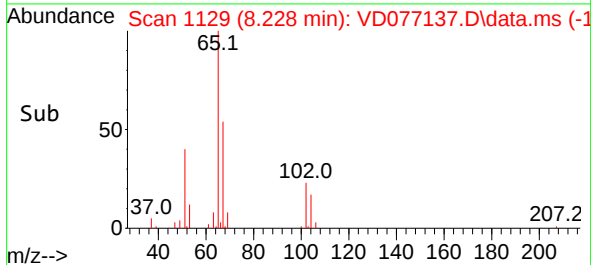
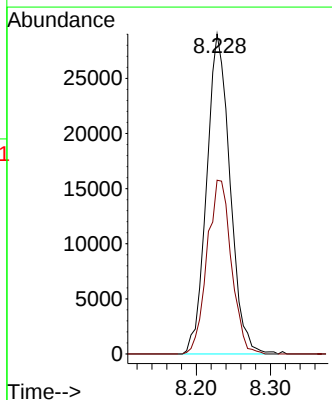
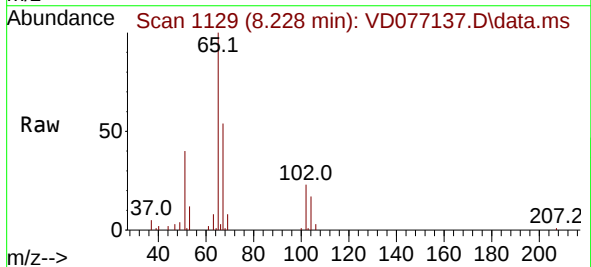
Instrument :
MSVOA_D
ClientSampleId :
B102-10(8.5-9)

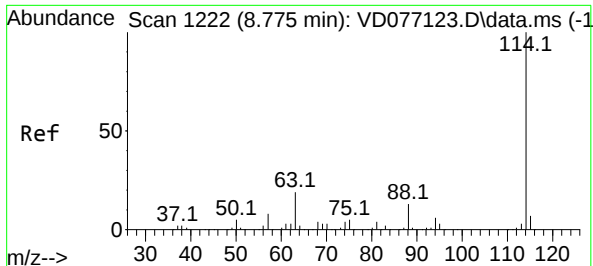
Tgt Ion: 76 Resp: 80533
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#33
1,2-Dichloroethane-d4
Concen: 60.666 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077137.D
Acq: 18 Sep 2023 18:40

Tgt Ion: 65 Resp: 63589
Ion Ratio Lower Upper
65 100
67 56.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077137.D

Acq: 18 Sep 2023 18:40

Instrument :

MSVOA_D

ClientSampleId :

B102-10(8.5-9)

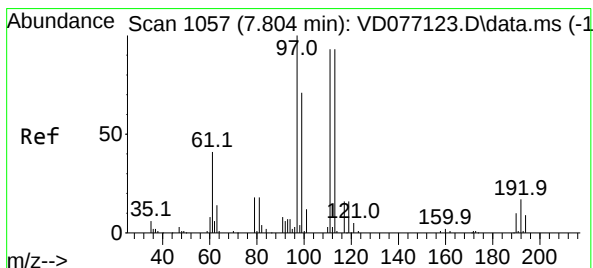
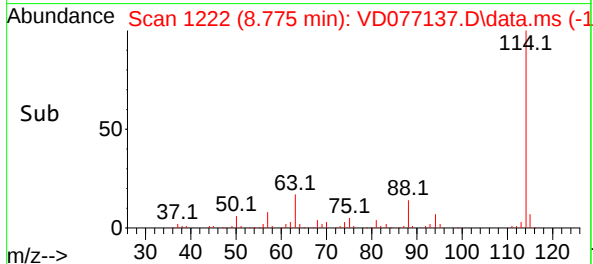
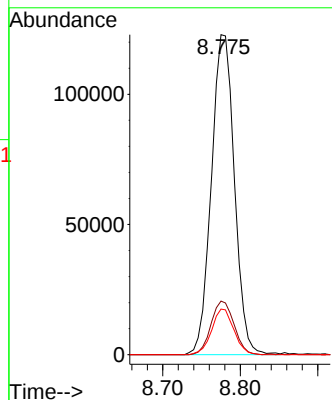
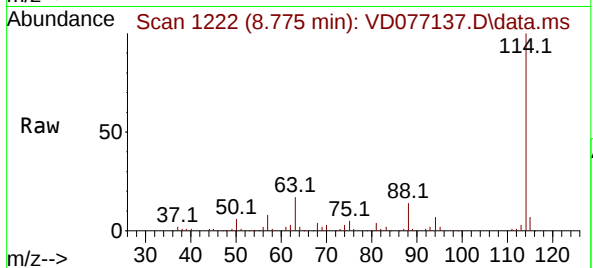
Tgt Ion:114 Resp: 253983

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 14.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.598 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077137.D

Acq: 18 Sep 2023 18:40

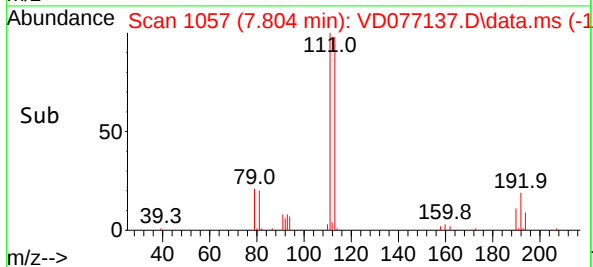
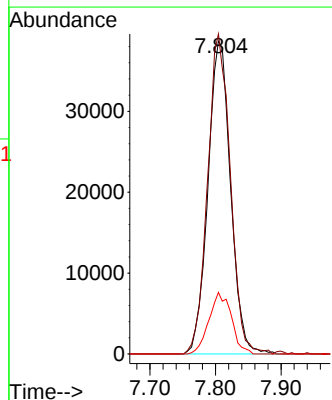
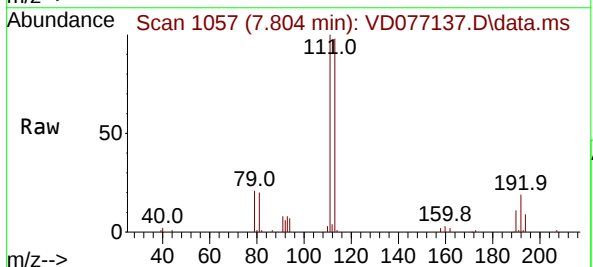
Tgt Ion:113 Resp: 92790

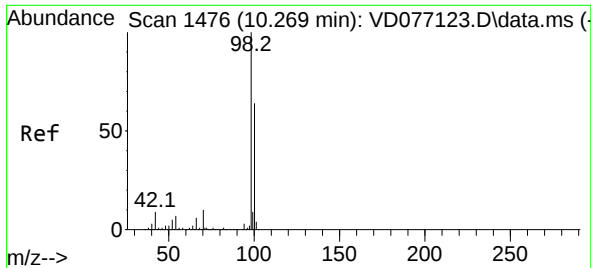
Ion Ratio Lower Upper

113 100

111 102.6 84.7 127.1

192 19.5 16.8 25.2

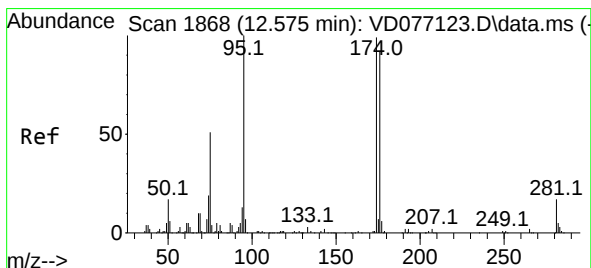
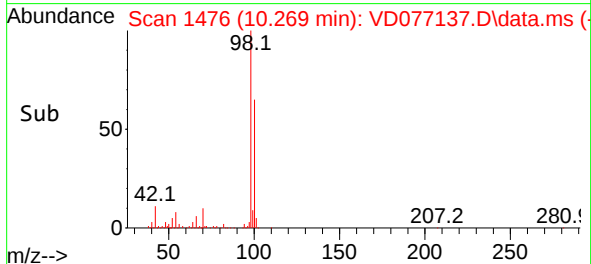
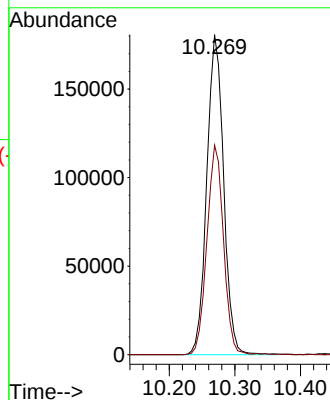
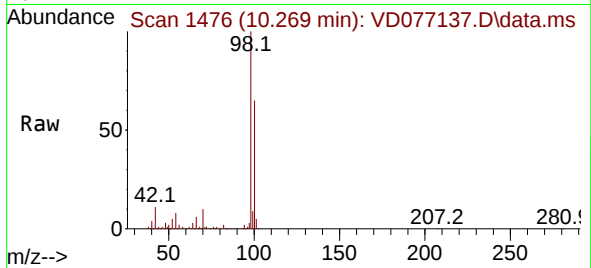




#50
Toluene-d8
Concen: 51.367 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077137.D
Acq: 18 Sep 2023 18:40

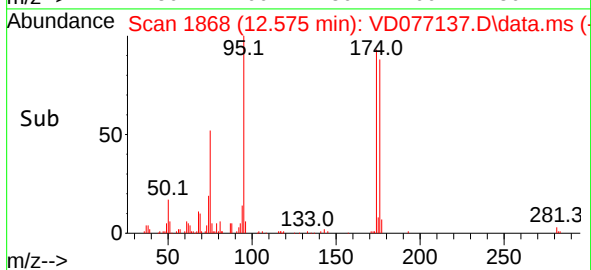
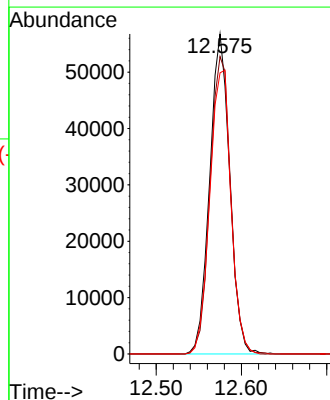
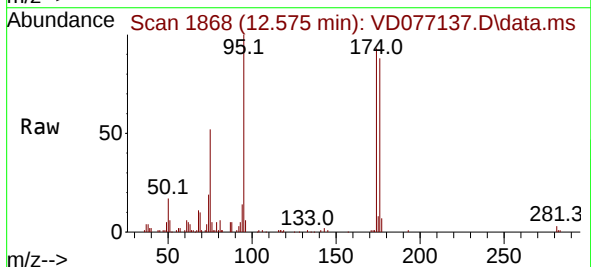
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B102-10(8.5-9)

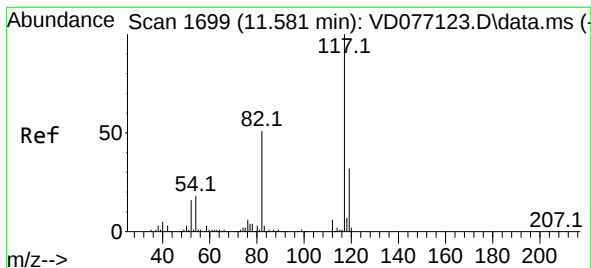
Tgt Ion: 98 Resp: 322548
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.728 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077137.D
Acq: 18 Sep 2023 18:40

Tgt Ion: 95 Resp: 92890
Ion Ratio Lower Upper
95 100
174 95.8 0.0 201.8
176 93.4 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: VD077137.D

Acq: 18 Sep 2023 18:40

Instrument :

MSVOA_D

ClientSampleId :

B102-10(8.5-9)

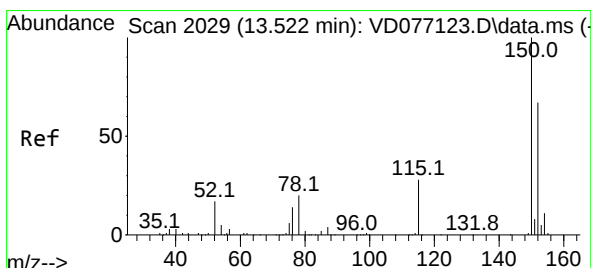
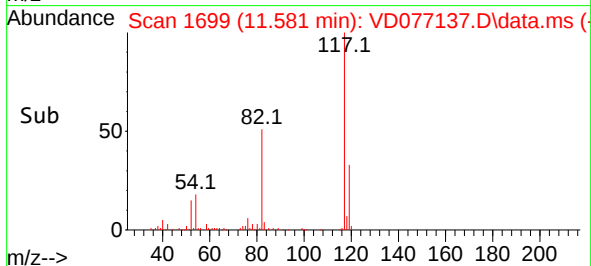
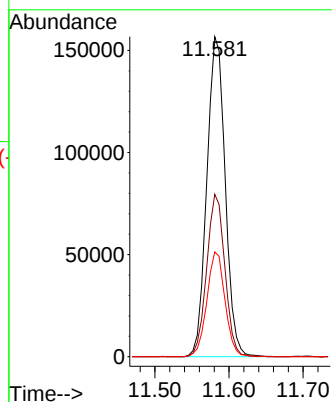
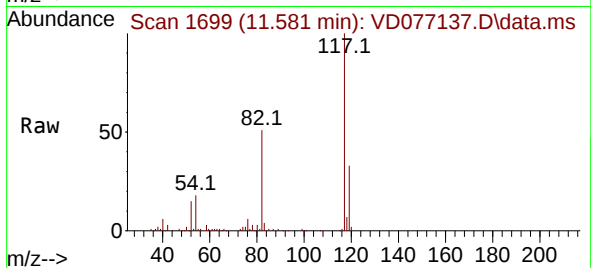
Tgt Ion:117 Resp: 269753

Ion Ratio Lower Upper

117 100

82 50.7 38.3 57.5

119 32.8 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: VD077137.D

Acq: 18 Sep 2023 18:40

Tgt Ion:152 Resp: 102759

Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 161.9 0.0 353.6

