

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015522.D
 Acq On : 12 Sep 2023 20:57
 Operator : SY/MD
 Sample : 04397-01
 Misc : 6.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B103-06(16.5-17)

Quant Time: Sep 13 05:57:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

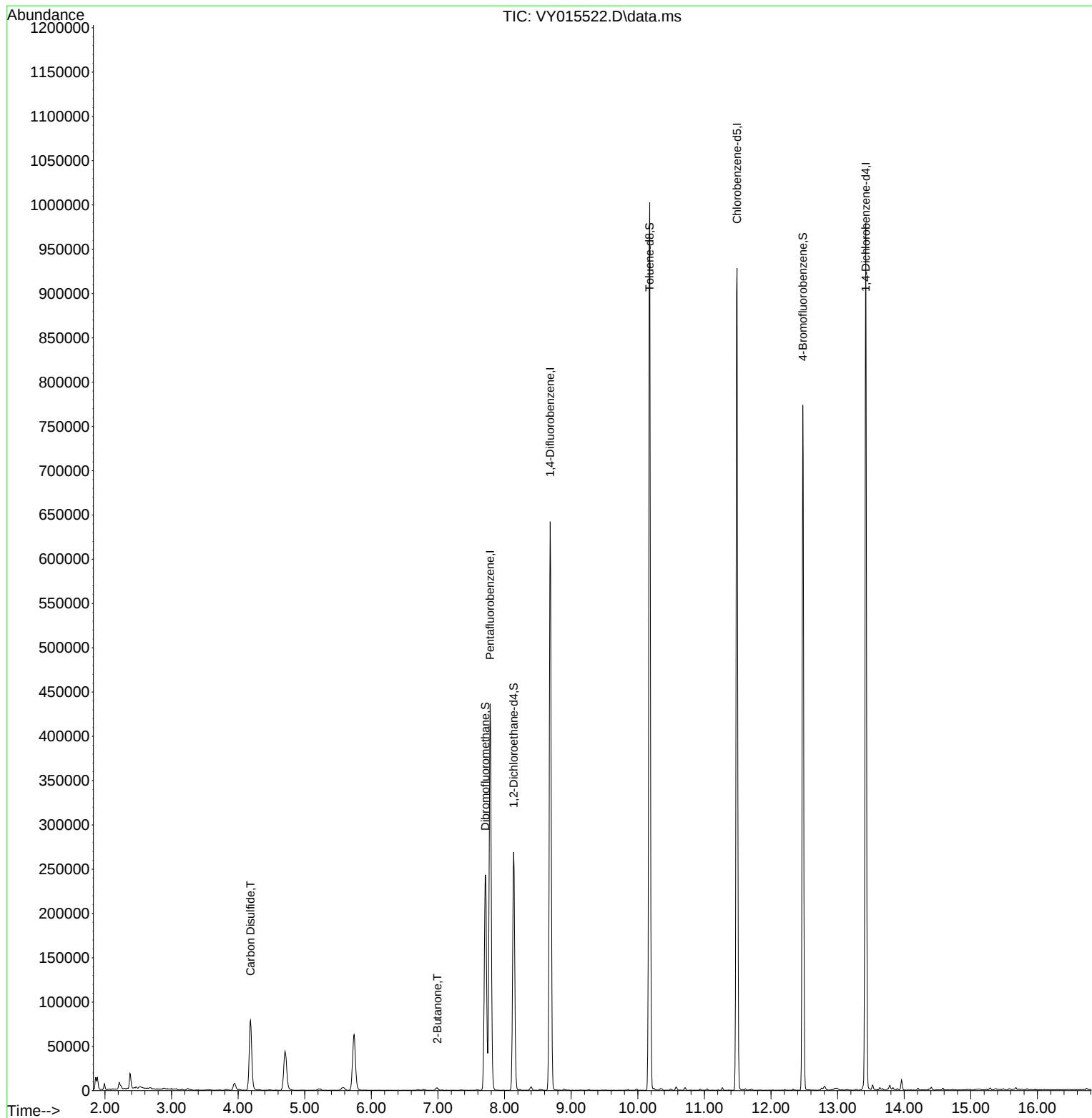
Internal Standards						
1) Pentafluorobenzene	7.783	168	333063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	555223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	505602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	244490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	207487	58.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.220%	
35) Dibromofluoromethane	7.710	113	174084	54.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.880%	
50) Toluene-d8	10.179	98	651453	56.252	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.500%	
62) 4-Bromofluorobenzene	12.477	95	224018	52.106	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.220%	
Target Compounds						
						Qvalue
17) Carbon Disulfide	4.186	76	161272	16.293	ug/l	99
25) 2-Butanone	6.990	43	4986	2.359	ug/l	95

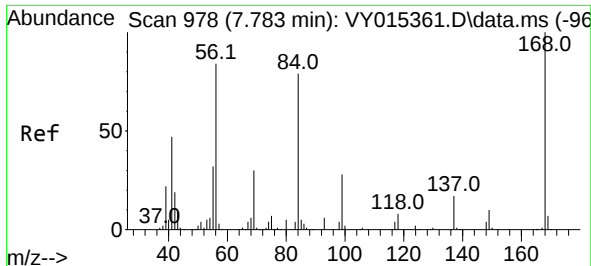
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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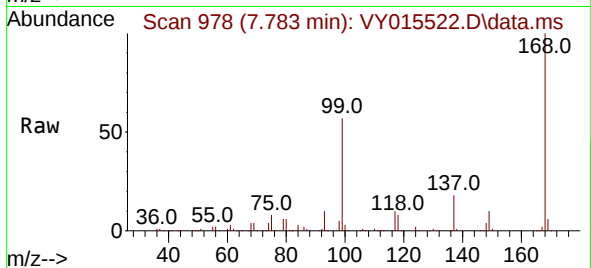
Quant Time: Sep 13 05:57:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
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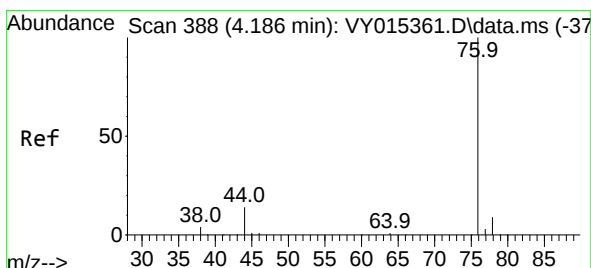
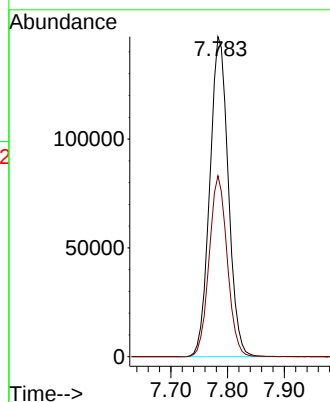
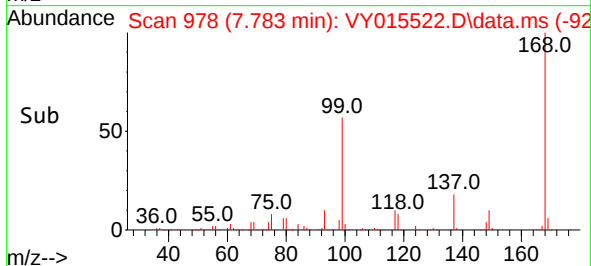


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015522.D
Acq: 12 Sep 2023 20:57

Instrument :
MSVOA_Y
ClientSampleId :
B103-06(16.5-17)

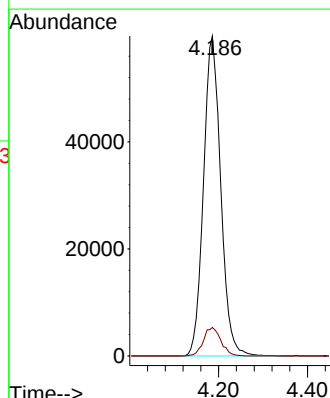
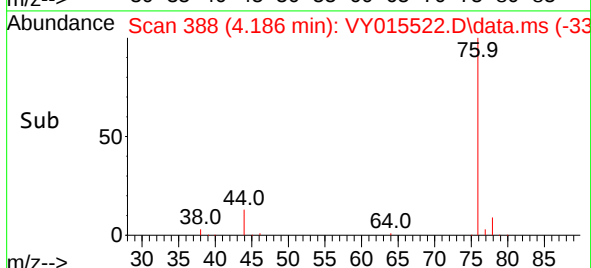
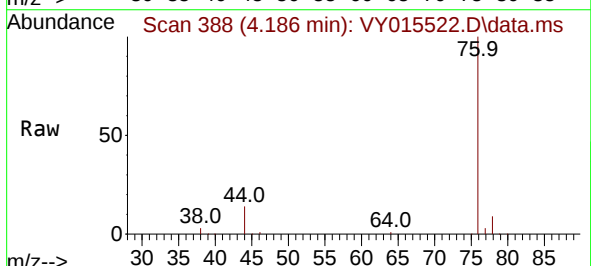


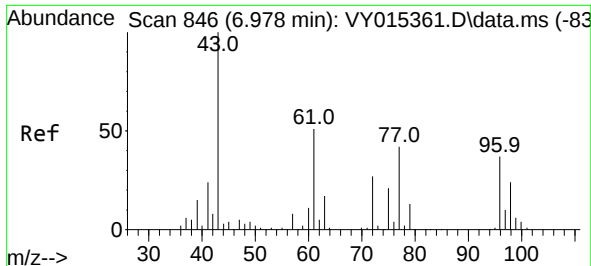
Tgt Ion:168 Resp: 333063
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#17
Carbon Disulfide
Concen: 16.293 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015522.D
Acq: 12 Sep 2023 20:57

Tgt Ion: 76 Resp: 161272
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4





#25

2-Butanone

Concen: 2.359 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015522.D

Acq: 12 Sep 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

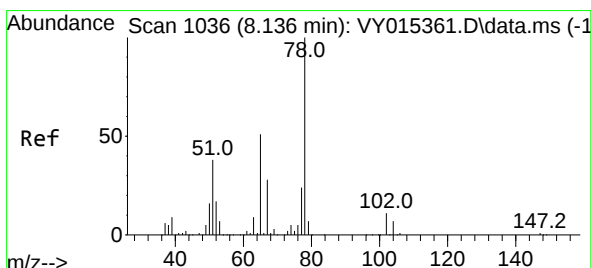
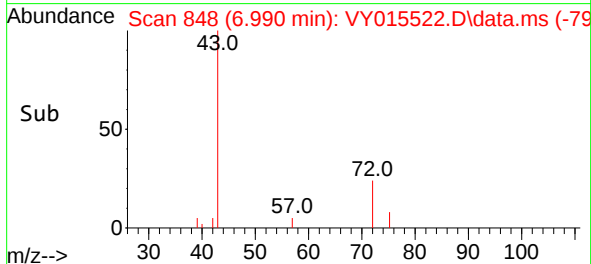
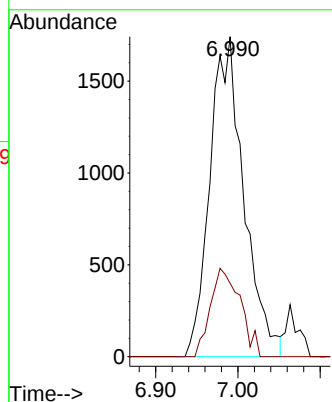
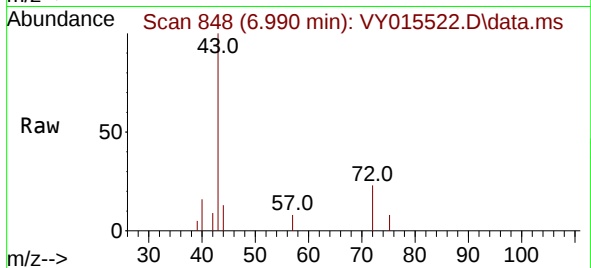
B103-06(16.5-17)

Tgt Ion: 43 Resp: 4986

Ion Ratio Lower Upper

43 100

72 23.0 20.5 30.7



#33

1,2-Dichloroethane-d4

Concen: 58.113 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015522.D

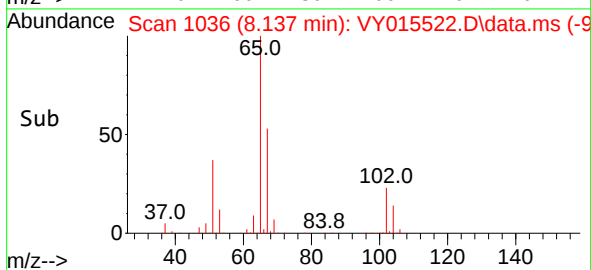
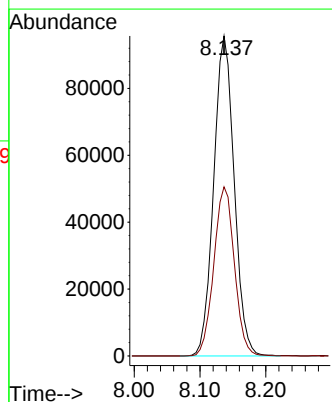
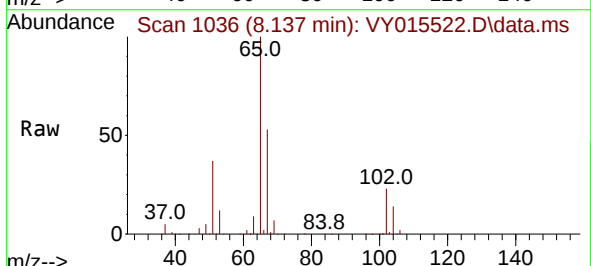
Acq: 12 Sep 2023 20:57

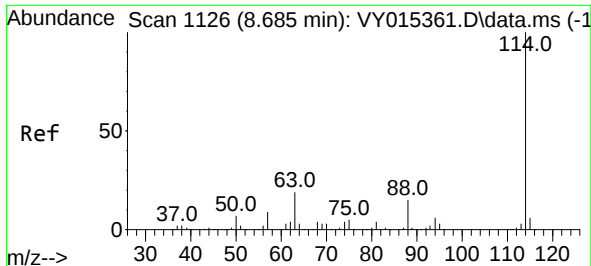
Tgt Ion: 65 Resp: 207487

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.8

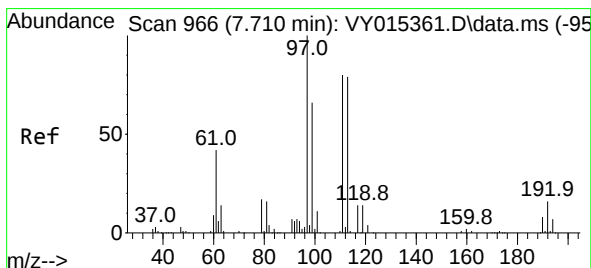
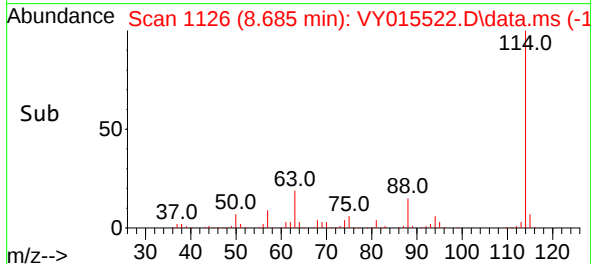
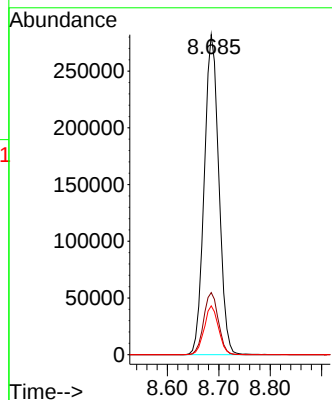
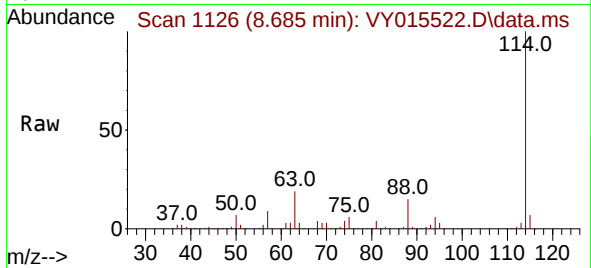




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015522.D
Acq: 12 Sep 2023 20:57

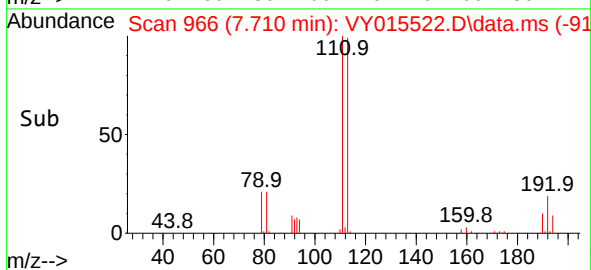
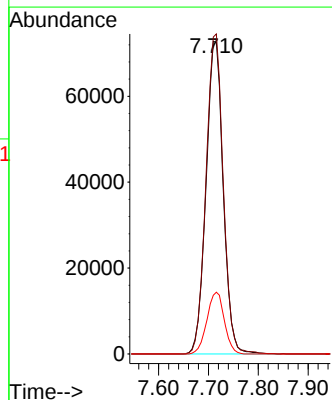
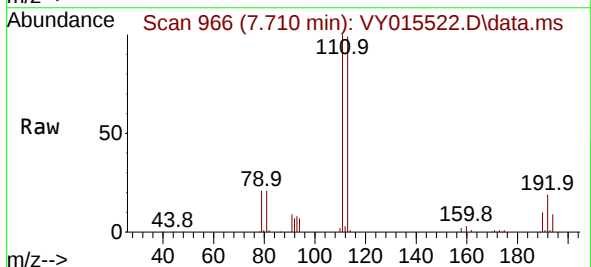
Instrument :
MSVOA_Y
ClientSampleId :
B103-06(16.5-17)

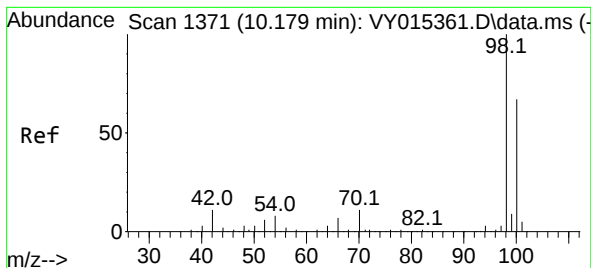
Tgt Ion:114 Resp: 555223
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.436 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015522.D
Acq: 12 Sep 2023 20:57

Tgt Ion:113 Resp: 174084
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 20.0 16.9 25.3





#50

Toluene-d8

Concen: 56.252 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015522.D

Acq: 12 Sep 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

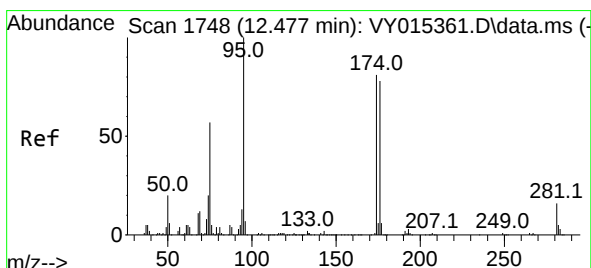
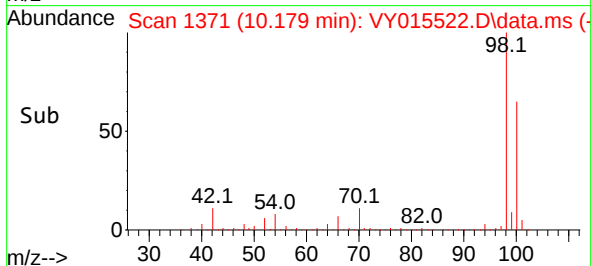
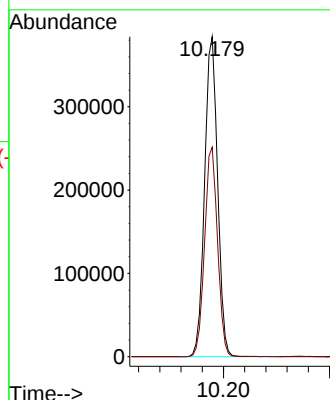
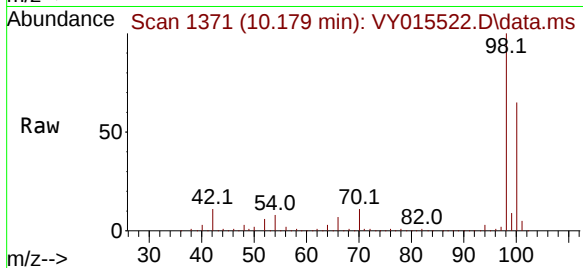
B103-06(16.5-17)

Tgt Ion: 98 Resp: 651453

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 52.106 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015522.D

Acq: 12 Sep 2023 20:57

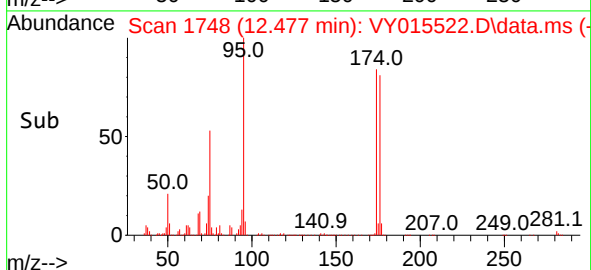
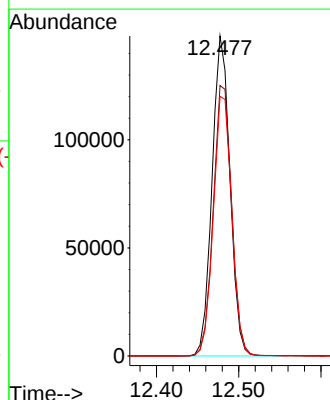
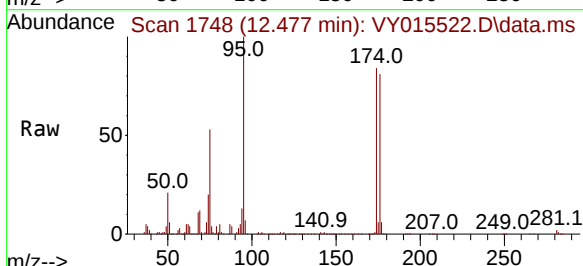
Tgt Ion: 95 Resp: 224018

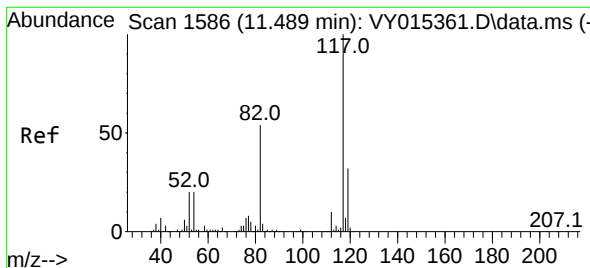
Ion Ratio Lower Upper

95 100

174 87.2 0.0 178.2

176 83.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015522.D

Acq: 12 Sep 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

B103-06(16.5-17)

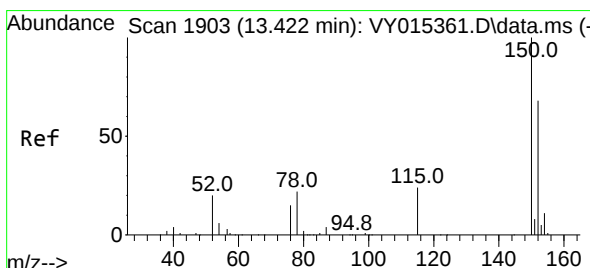
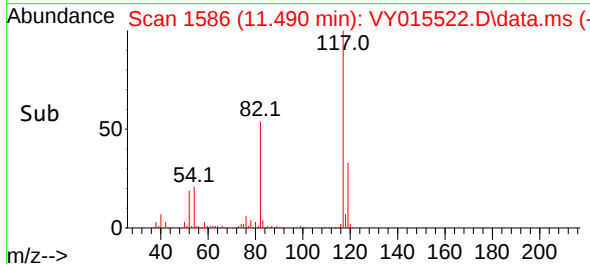
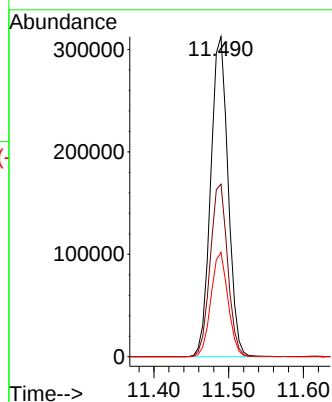
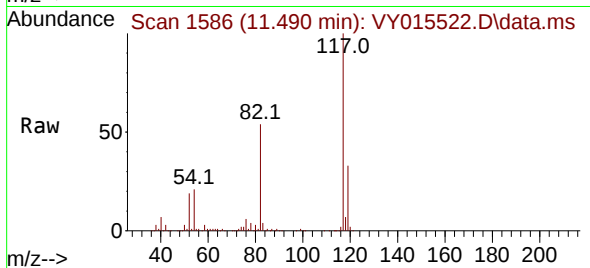
Tgt Ion:117 Resp: 505602

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 32.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015522.D

Acq: 12 Sep 2023 20:57

Tgt Ion:152 Resp: 244490

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 156.7 0.0 348.8

