

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015598.D
 Acq On : 16 Sep 2023 03:33
 Operator : SY/MD
 Sample : 04419-10
 Misc : 6.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-05(30-32)

Quant Time: Sep 16 05:29:27 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)

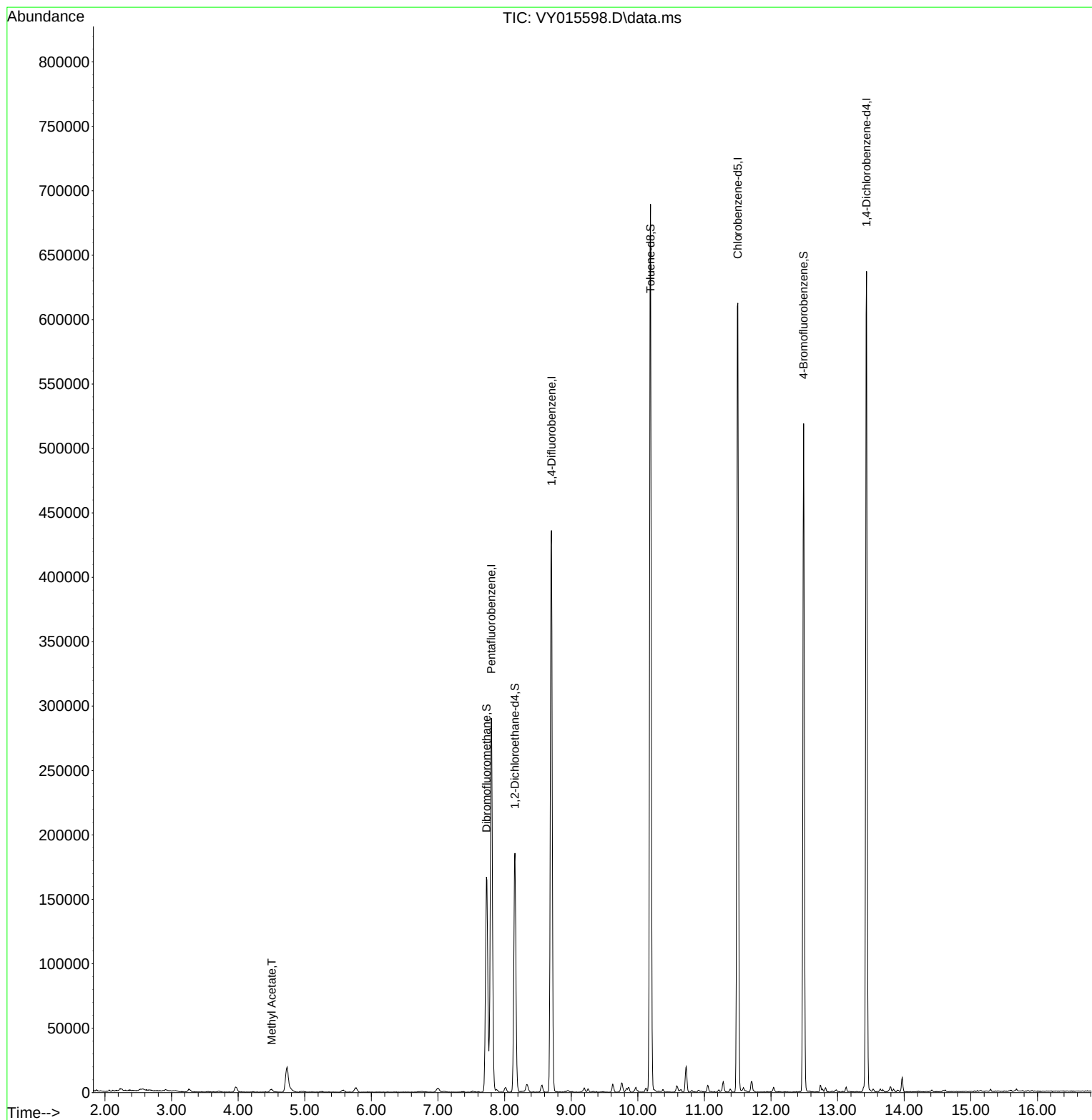
Internal Standards						
1) Pentafluorobenzene	7.801	168	223424	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.703	114	378382	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.502	117	344186	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	163621	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	144345	60.267	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.540%	
35) Dibromofluoromethane	7.728	113	119249	54.716	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.440%	
50) Toluene-d8	10.191	98	444039	56.261	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.520%	
62) 4-Bromofluorobenzene	12.489	95	152334	51.992	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.980%	
Target Compounds						
18) Methyl Acetate	4.503	43	4589	1.267	ug/l	Qvalue 98

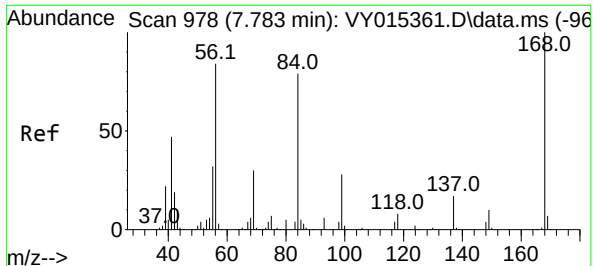
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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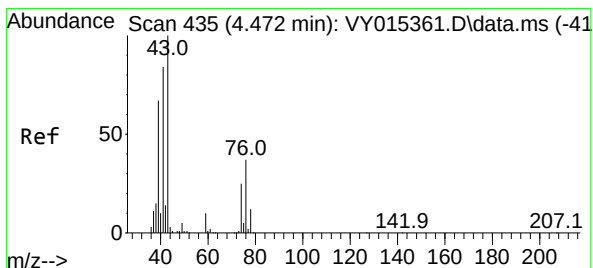
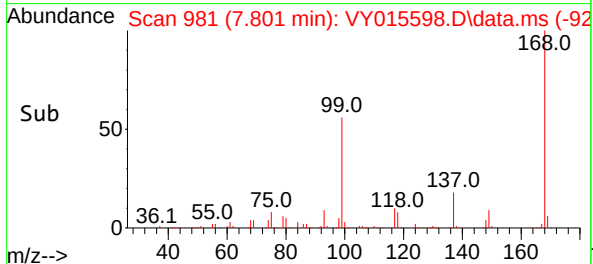
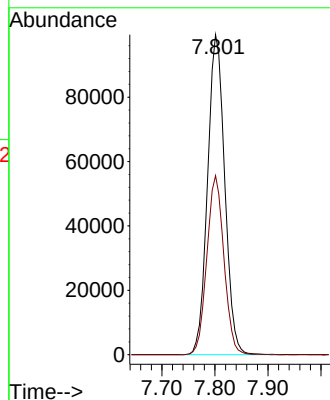
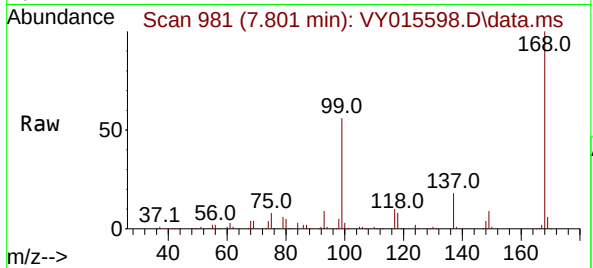




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015598.D
Acq: 16 Sep 2023 03:33

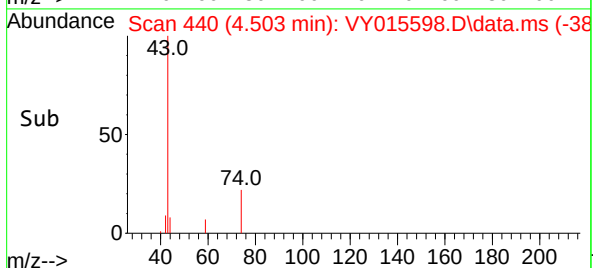
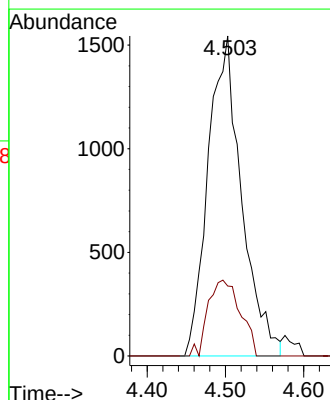
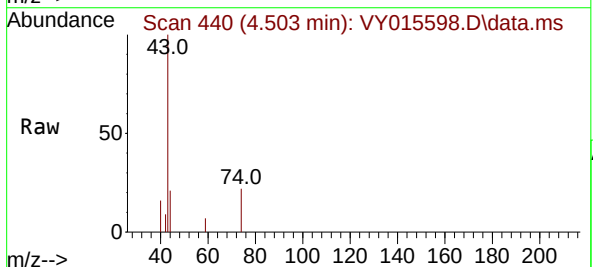
Instrument :
MSVOA_Y
ClientSampleId :
DB-05(30-32)

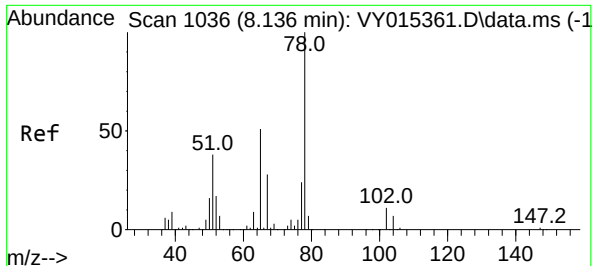
Tgt Ion:168 Resp: 223424
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#18
Methyl Acetate
Concen: 1.267 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.030 min
Lab File: VY015598.D
Acq: 16 Sep 2023 03:33

Tgt Ion: 43 Resp: 4589
Ion Ratio Lower Upper
43 100
74 22.9 17.4 26.0





#33

1,2-Dichloroethane-d4

Concen: 60.267 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY015598.D

Acq: 16 Sep 2023 03:33

Instrument :

MSVOA_Y

ClientSampleId :

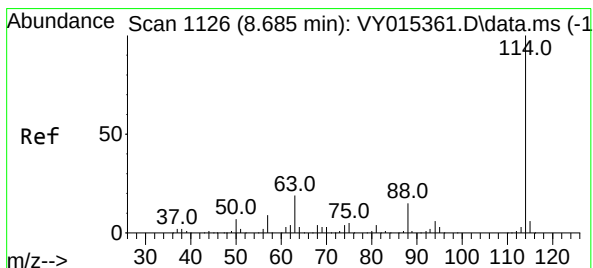
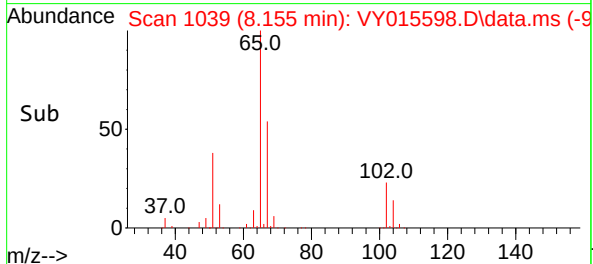
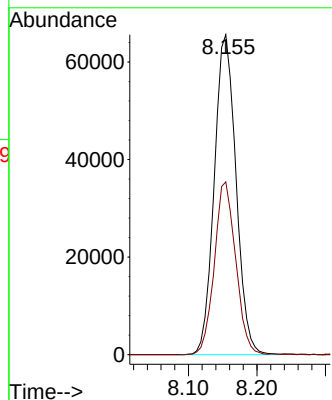
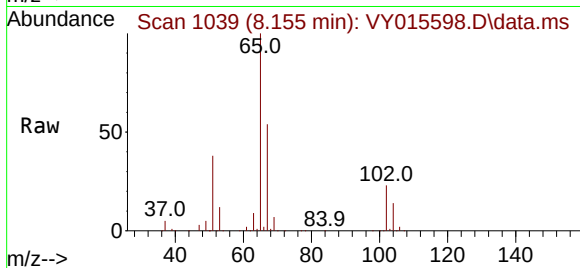
DB-05(30-32)

Tgt Ion: 65 Resp: 144345

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.018 min

Lab File: VY015598.D

Acq: 16 Sep 2023 03:33

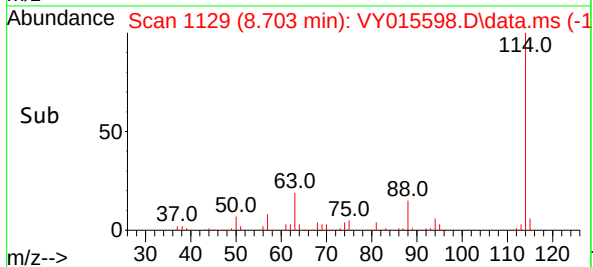
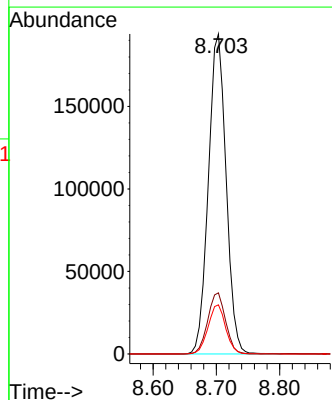
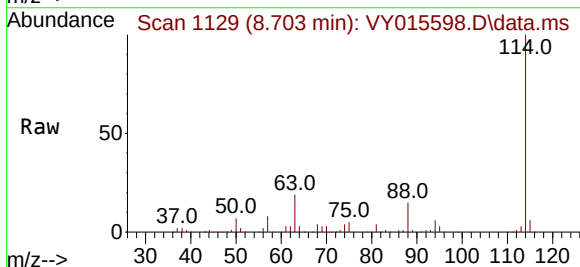
Tgt Ion: 114 Resp: 378382

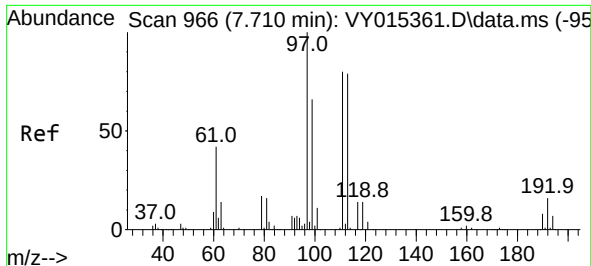
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.3 0.0 30.6

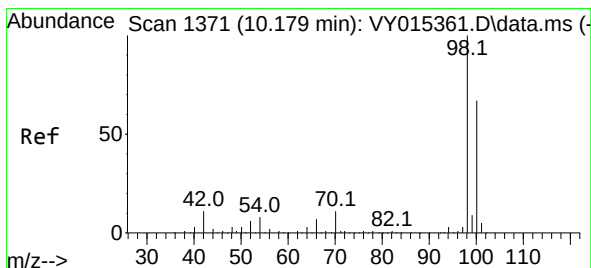
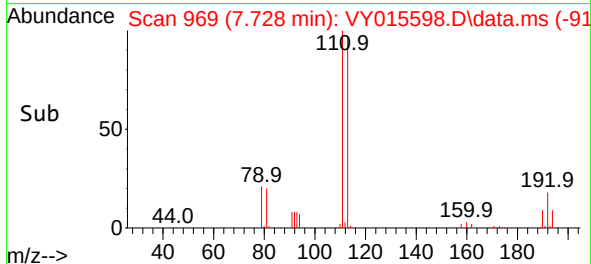
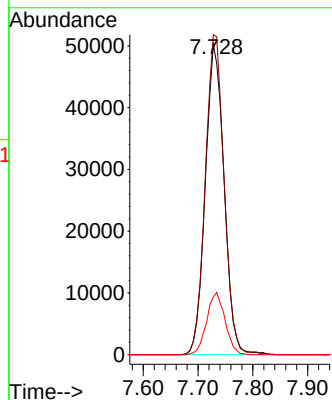
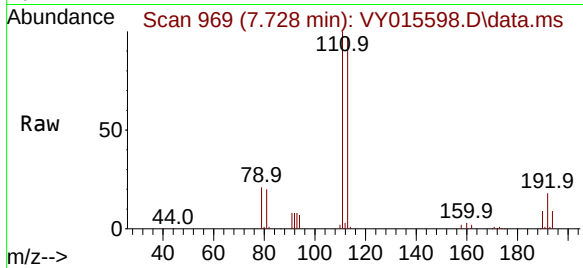




#35
 Dibromofluoromethane
 Concen: 54.716 ug/l
 RT: 7.728 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VY015598.D
 Acq: 16 Sep 2023 03:33

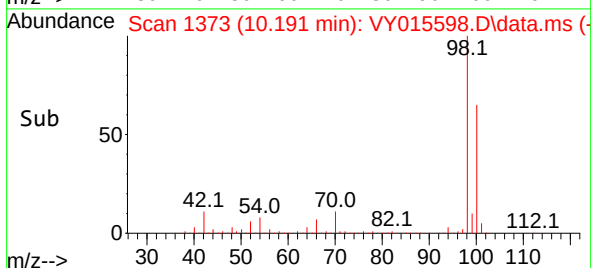
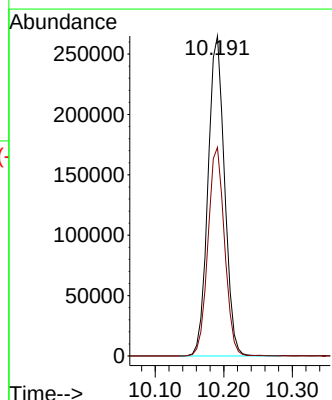
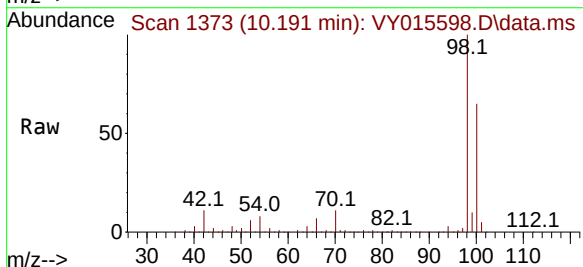
Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-05(30-32)

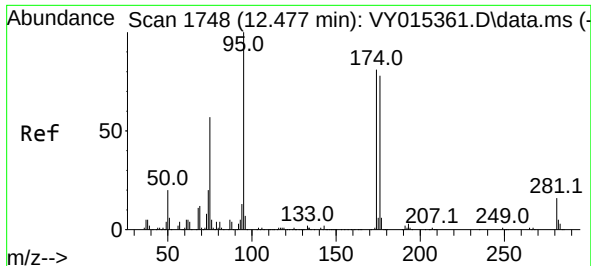
Tgt Ion:113 Resp: 119249
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.3 121.9
 192 19.6 16.9 25.3



#50
 Toluene-d8
 Concen: 56.261 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. 0.012 min
 Lab File: VY015598.D
 Acq: 16 Sep 2023 03:33

Tgt Ion: 98 Resp: 444039
 Ion Ratio Lower Upper
 98 100
 100 65.5 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 51.992 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015598.D

Acq: 16 Sep 2023 03:33

Instrument :

MSVOA_Y

ClientSampleId :

DB-05(30-32)

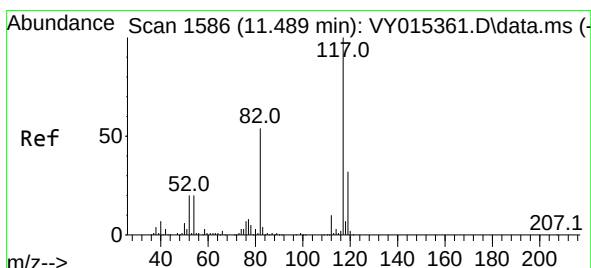
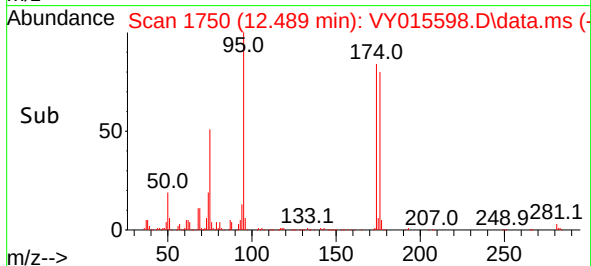
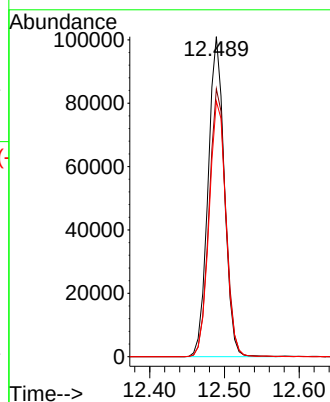
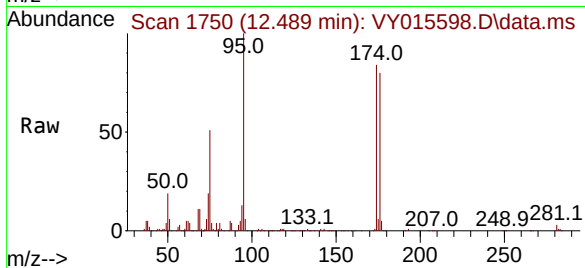
Tgt Ion: 95 Resp: 152334

Ion Ratio Lower Upper

95 100

174 86.0 0.0 178.2

176 82.4 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1588

Delta R.T. 0.012 min

Lab File: VY015598.D

Acq: 16 Sep 2023 03:33

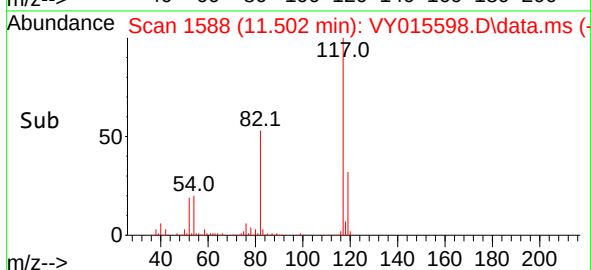
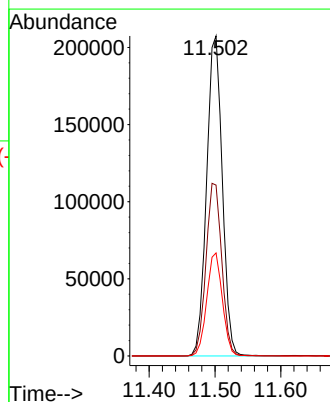
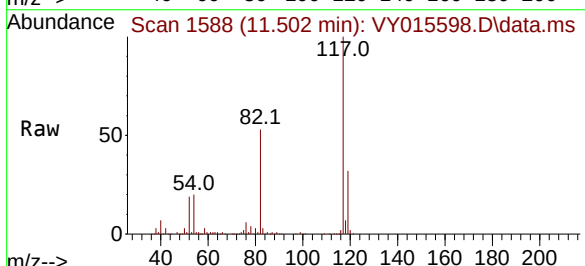
Tgt Ion: 117 Resp: 344186

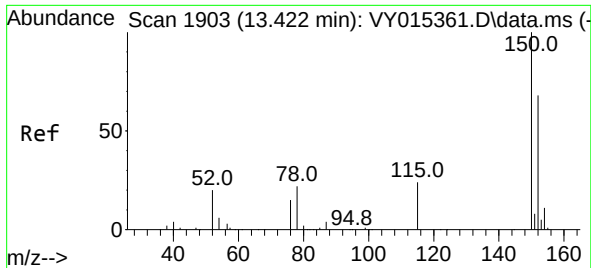
Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 32.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY015598.D

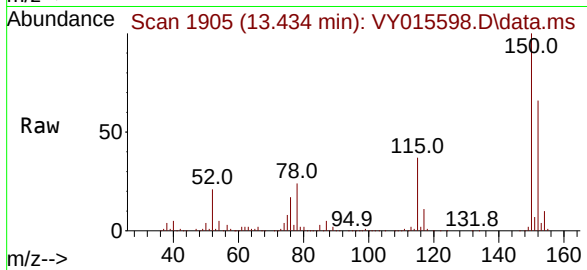
Acq: 16 Sep 2023 03:33

Instrument :

MSVOA_Y

ClientSampleId :

DB-05(30-32)



Tgt Ion:152 Resp: 163621

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 155.5 0.0 348.8

