

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015621.D
 Acq On : 18 Sep 2023 17:46
 Operator : SY/MD
 Sample : 04419-14
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-08(23-25)

Quant Time: Sep 19 02:05:23 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)

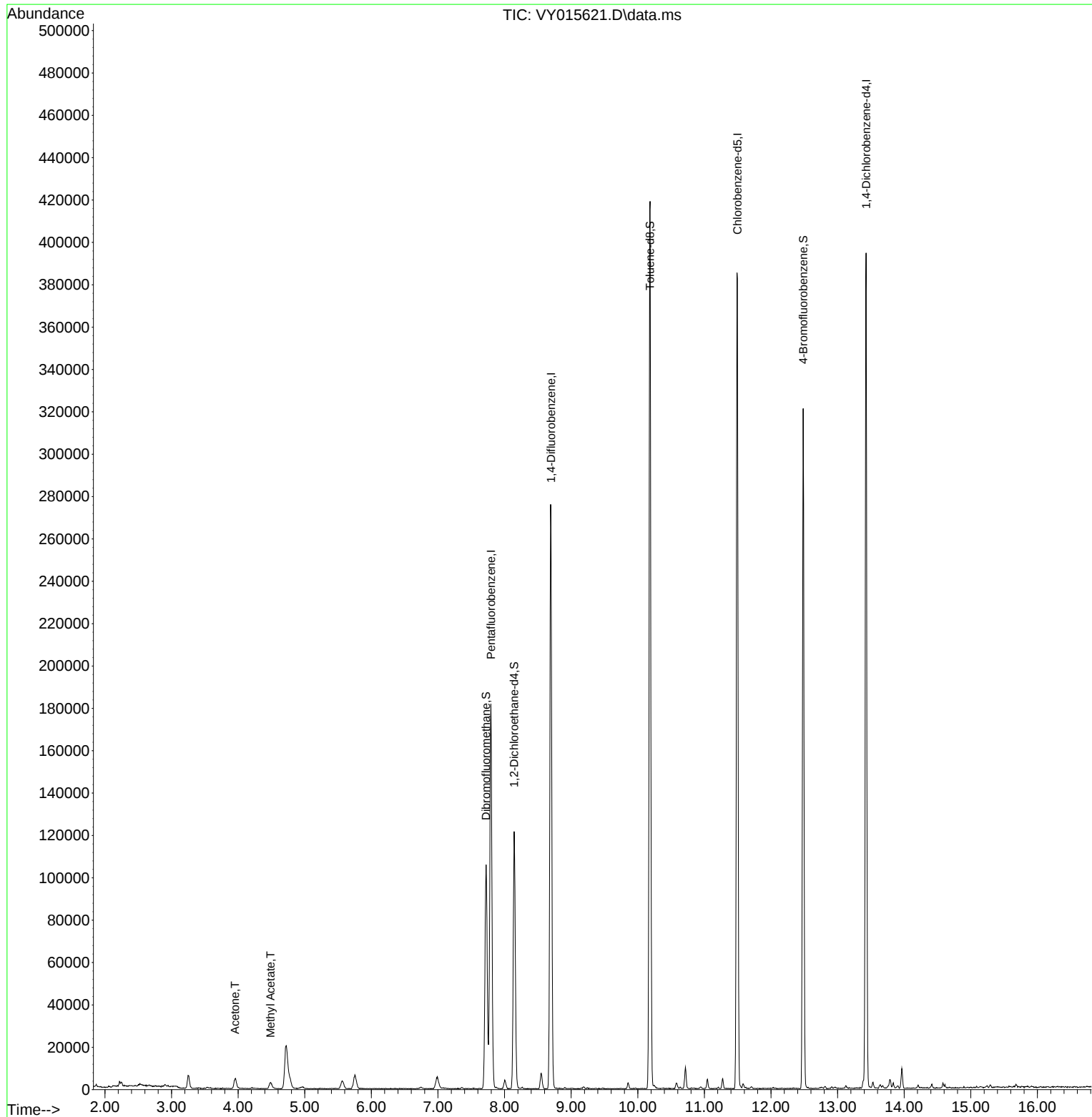
Internal Standards						
1) Pentafluorobenzene	7.795	168	138952	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	235302	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	215793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92104	61.834	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.660%	
35) Dibromofluoromethane	7.722	113	76274	56.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.560%	
50) Toluene-d8	10.185	98	276271	56.290	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.580%	
62) 4-Bromofluorobenzene	12.483	95	93552	51.345	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.680%	
Target Compounds						Qvalue
16) Acetone	3.954	43	8899	14.313	ug/l	92
18) Methyl Acetate	4.485	43	5802	2.576	ug/l	97

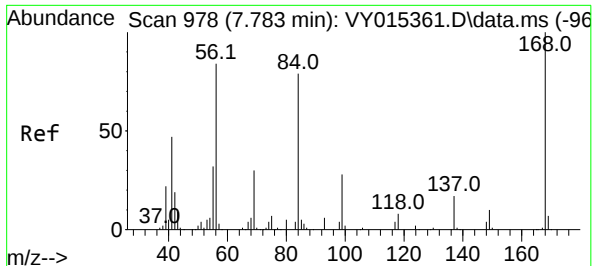
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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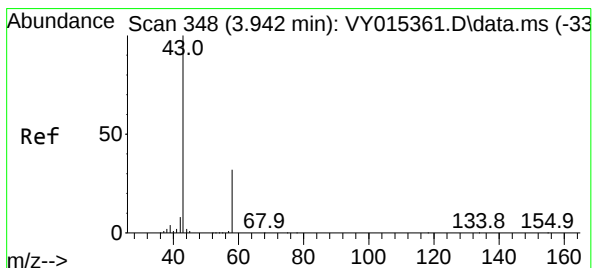
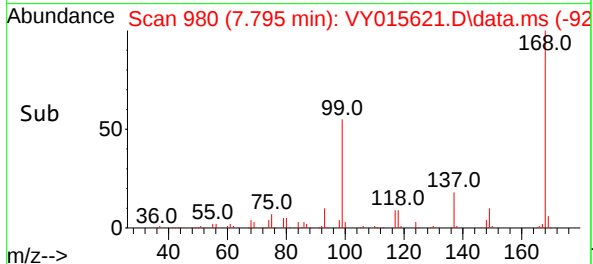
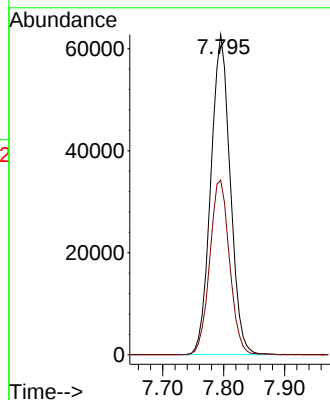
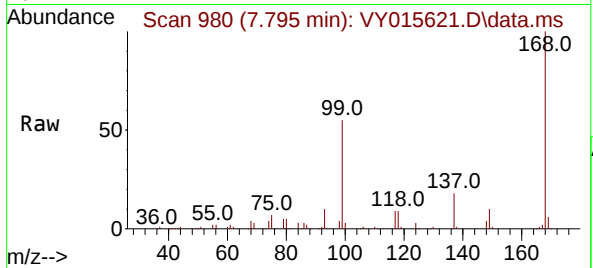




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015621.D
Acq: 18 Sep 2023 17:46

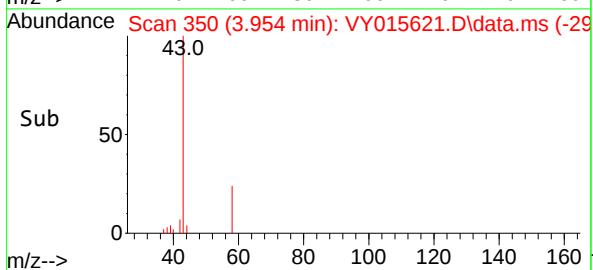
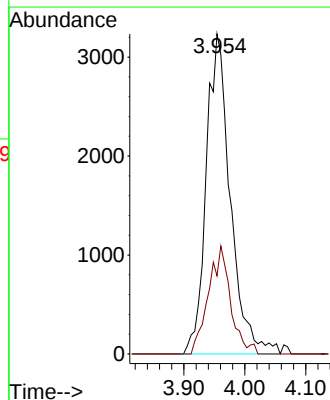
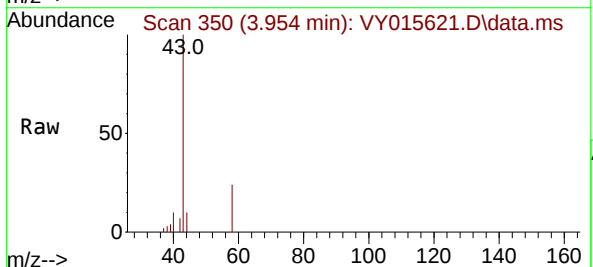
Instrument :
MSVOA_Y
ClientSampleId :
DB-08(23-25)

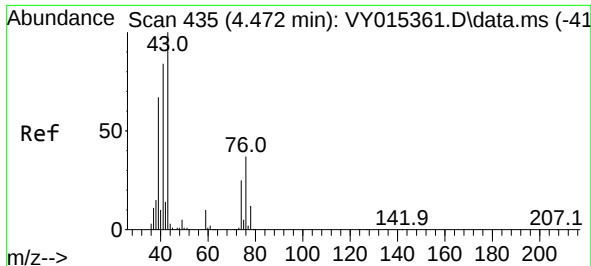
Tgt Ion:168 Resp: 138952
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#16
Acetone
Concen: 14.313 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015621.D
Acq: 18 Sep 2023 17:46

Tgt Ion: 43 Resp: 8899
Ion Ratio Lower Upper
43 100
58 24.4 22.7 34.1

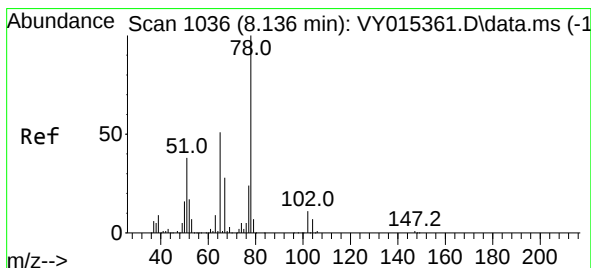
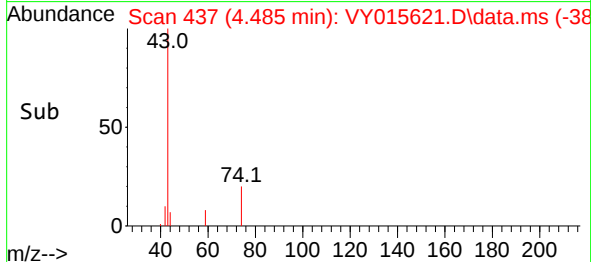
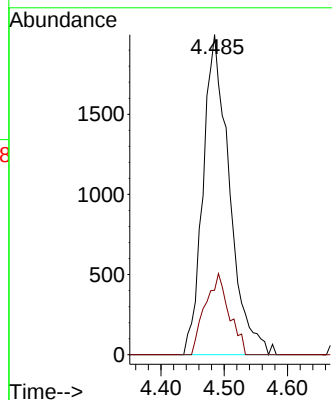
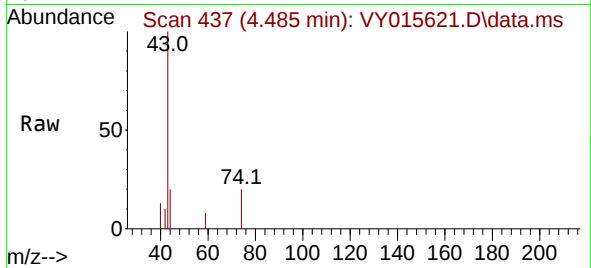




#18
Methyl Acetate
Concen: 2.576 ug/l
RT: 4.485 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015621.D
Acq: 18 Sep 2023 17:46

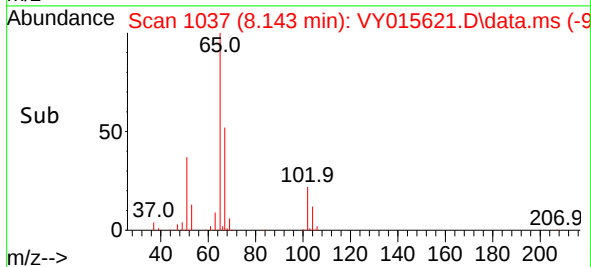
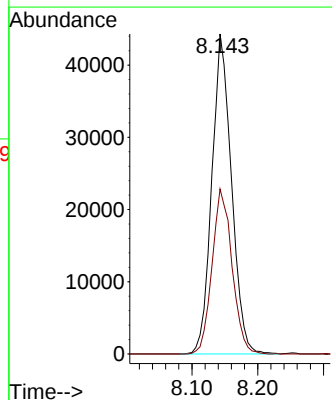
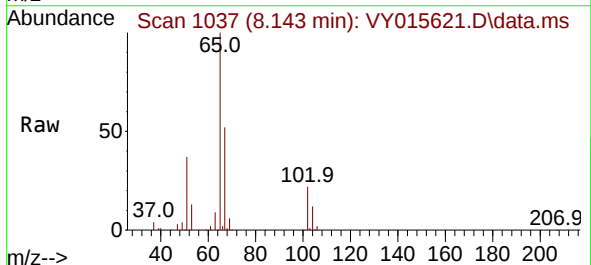
Instrument :
MSVOA_Y
ClientSampleId :
DB-08(23-25)

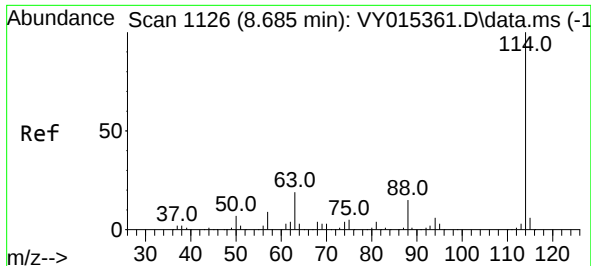
Tgt Ion: 43 Resp: 5802
Ion Ratio Lower Upper
43 100
74 23.0 17.4 26.0



#33
1,2-Dichloroethane-d4
Concen: 61.834 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015621.D
Acq: 18 Sep 2023 17:46

Tgt Ion: 65 Resp: 92104
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY015621.D

Acq: 18 Sep 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

DB-08(23-25)

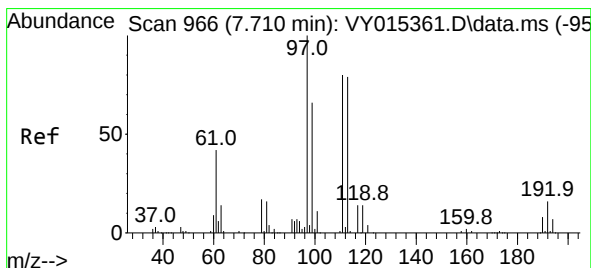
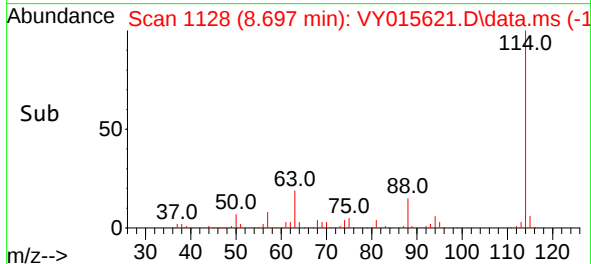
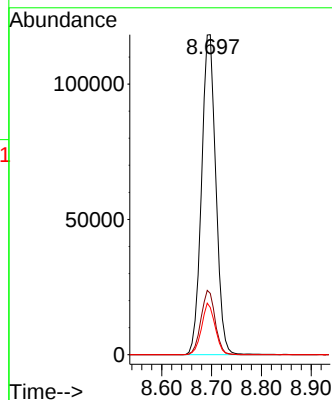
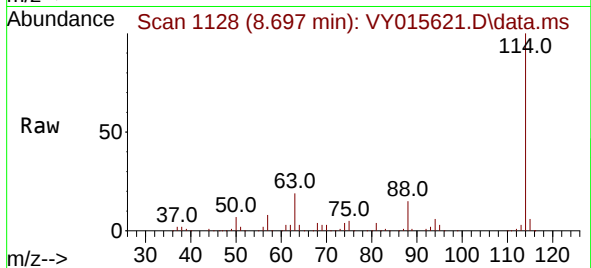
Tgt Ion:114 Resp: 235302

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.279 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015621.D

Acq: 18 Sep 2023 17:46

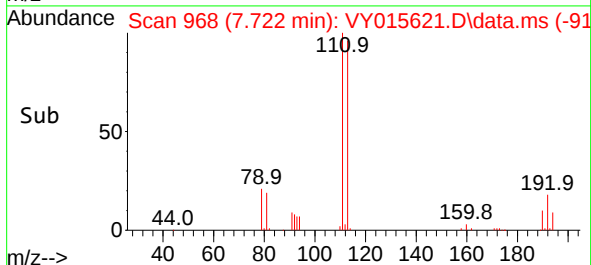
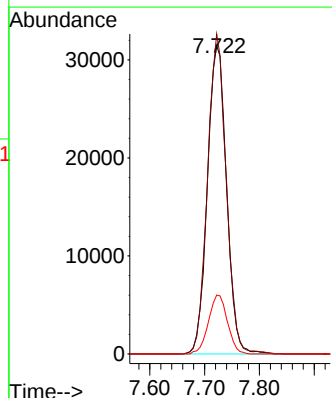
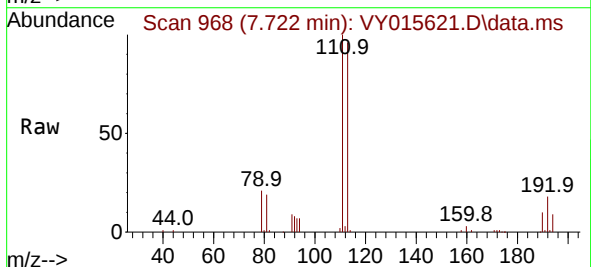
Tgt Ion:113 Resp: 76274

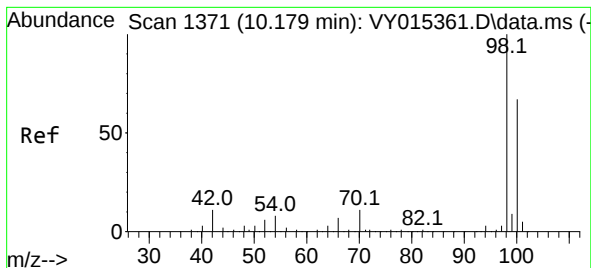
Ion Ratio Lower Upper

113 100

111 101.3 81.3 121.9

192 18.9 16.9 25.3





#50

Toluene-d8

Concen: 56.290 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015621.D

Acq: 18 Sep 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

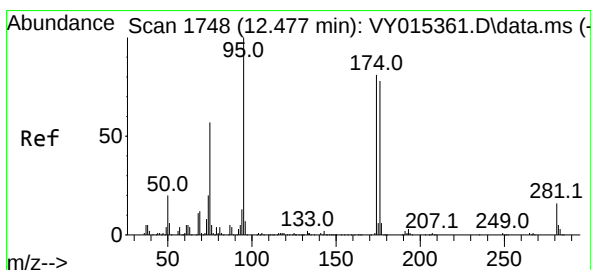
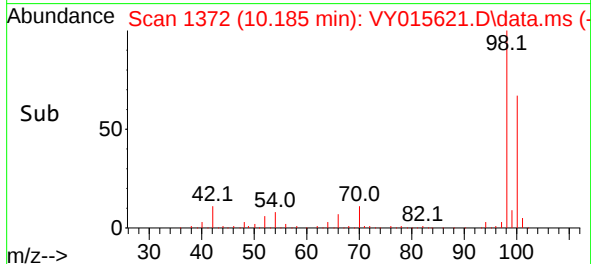
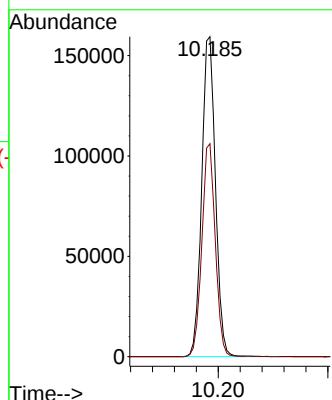
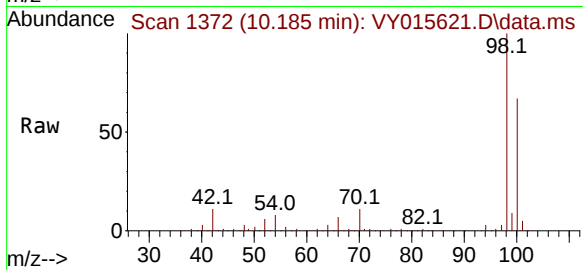
DB-08(23-25)

Tgt Ion: 98 Resp: 276271

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.345 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015621.D

Acq: 18 Sep 2023 17:46

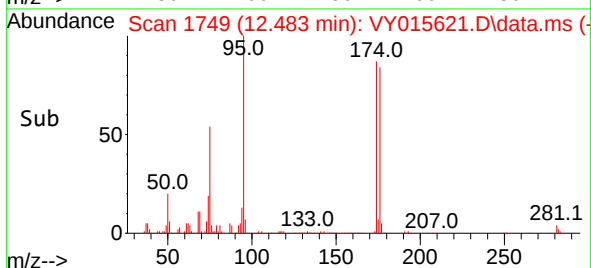
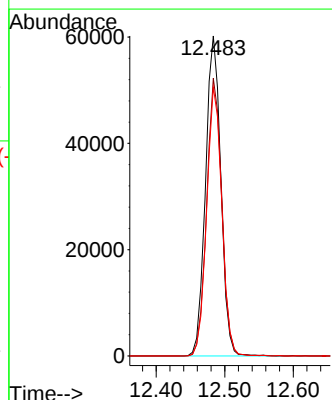
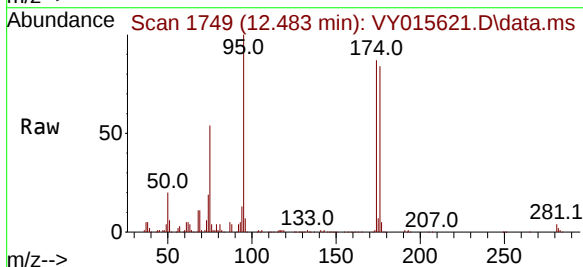
Tgt Ion: 95 Resp: 93552

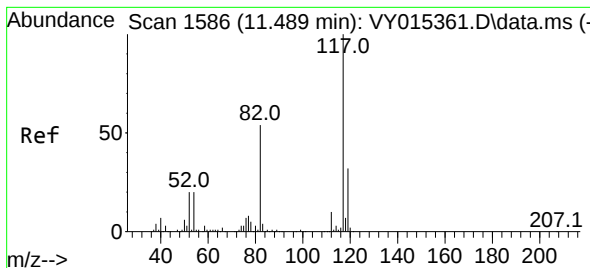
Ion Ratio Lower Upper

95 100

174 86.1 0.0 178.2

176 83.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015621.D

Acq: 18 Sep 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

DB-08(23-25)

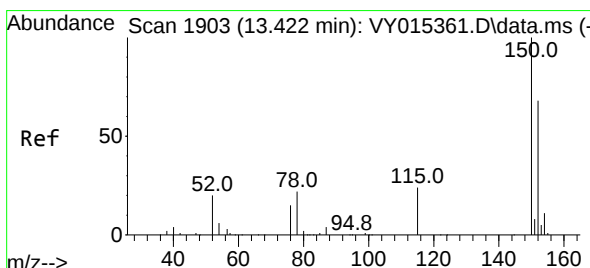
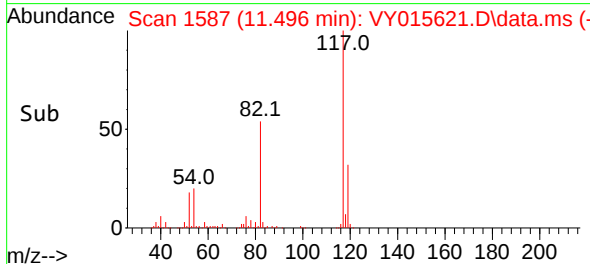
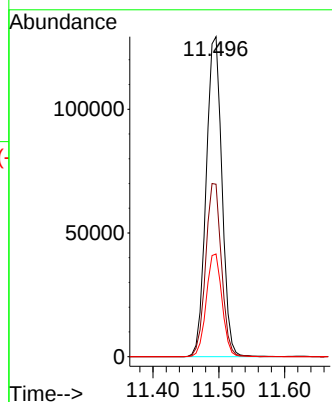
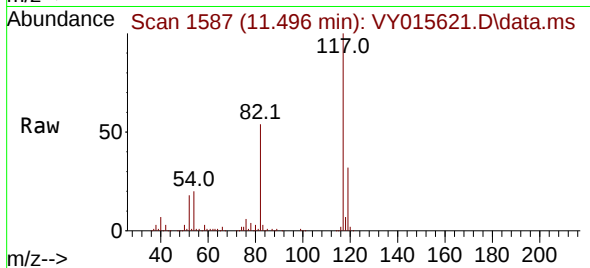
Tgt Ion:117 Resp: 215793

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 32.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015621.D

Acq: 18 Sep 2023 17:46

Tgt Ion:152 Resp: 100342

Ion Ratio Lower Upper

152 100

115 59.9 28.8 86.5

150 157.6 0.0 348.8

