

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015892.D
 Acq On : 10 Oct 2023 13:20
 Operator : SY/MD
 Sample : 04791-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Oct 11 01:19:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

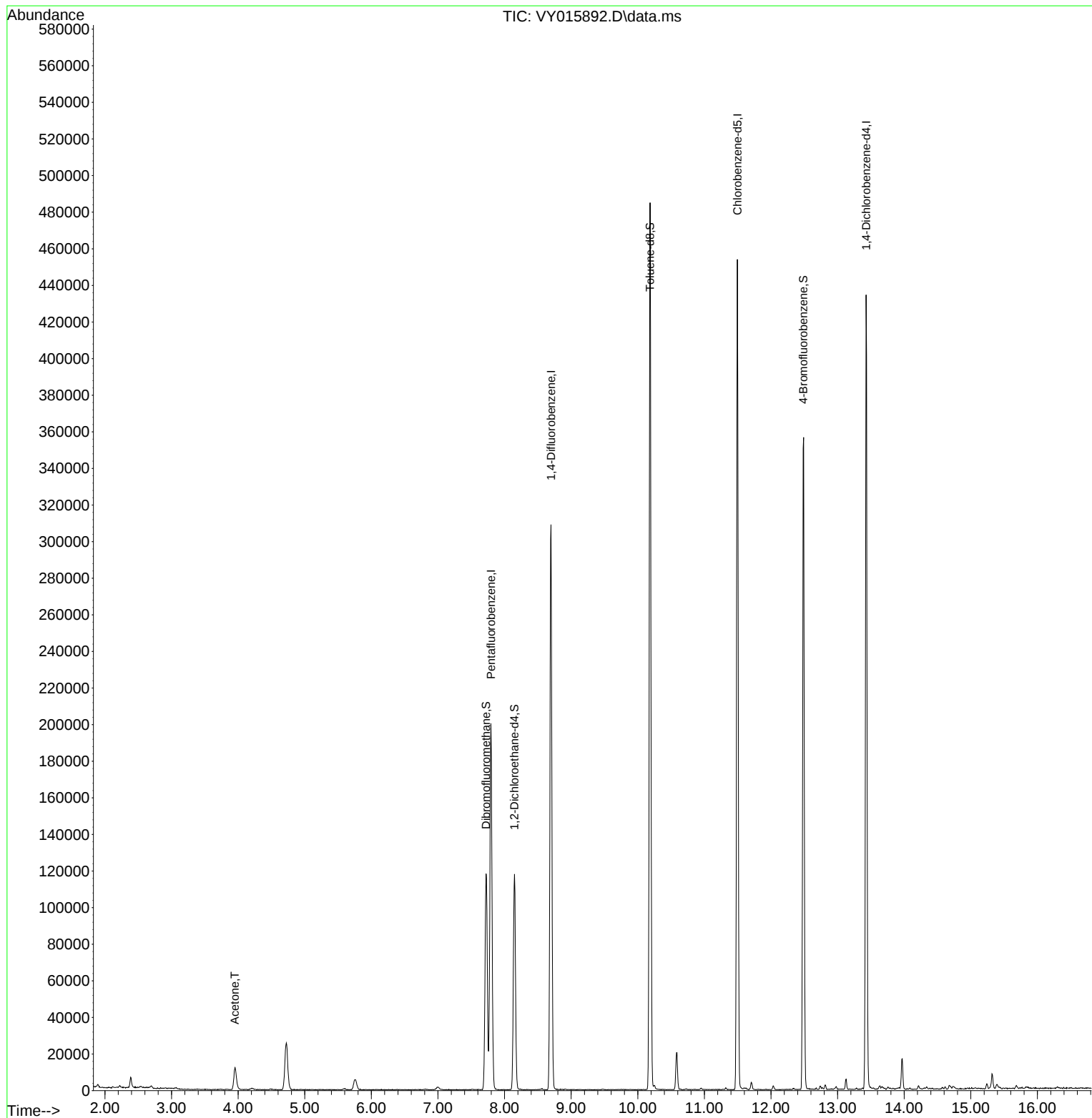
Internal Standards						
1) Pentafluorobenzene	7.795	168	156581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	272246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	252396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92787	65.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.720%
35) Dibromofluoromethane	7.722	113	87664	57.730	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.460%
50) Toluene-d8	10.185	98	323425	64.625	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	129.260%
62) 4-Bromofluorobenzene	12.483	95	107297	52.784	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.560%
Target Compounds					Qvalue	
16) Acetone	3.948	43	21689	36.520	ug/l	94

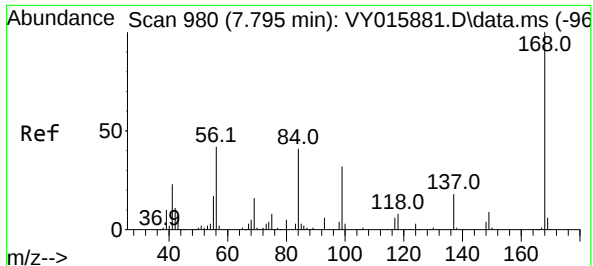
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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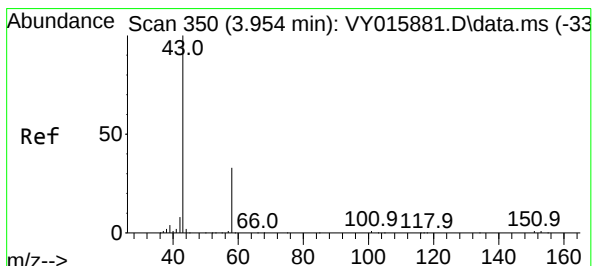
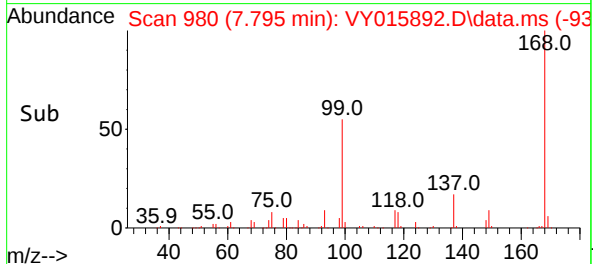
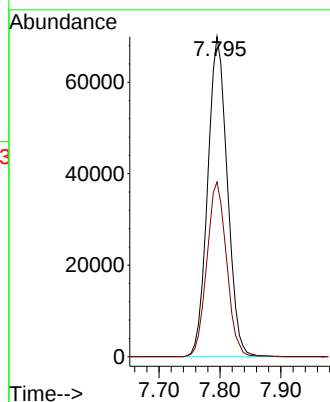
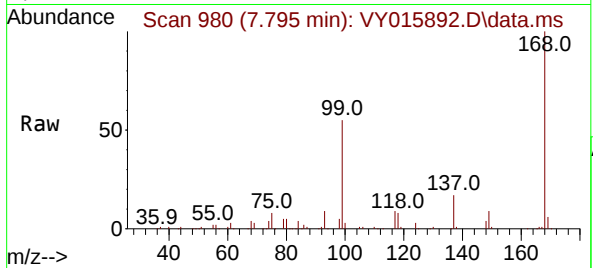




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015892.D
Acq: 10 Oct 2023 13:20

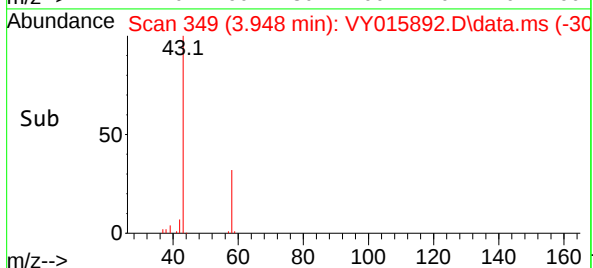
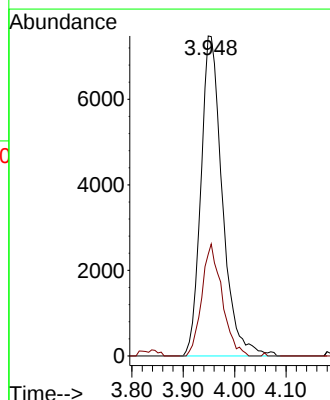
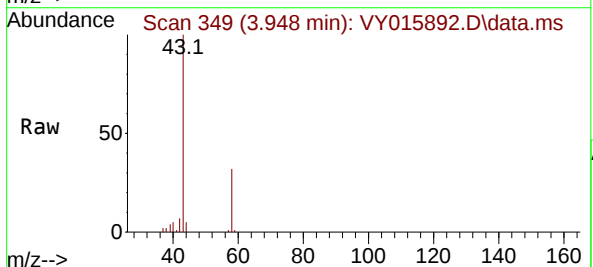
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

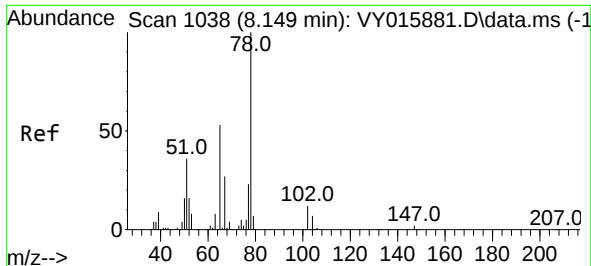
Tgt Ion:168 Resp: 156581
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#16
Acetone
Concen: 36.520 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY015892.D
Acq: 10 Oct 2023 13:20

Tgt Ion: 43 Resp: 21689
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1

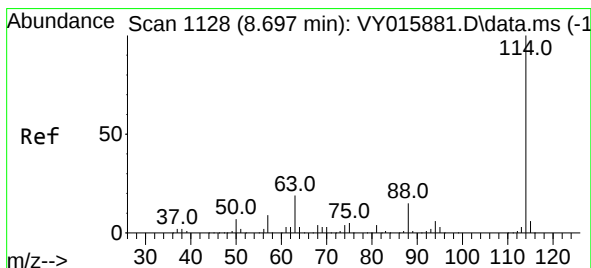
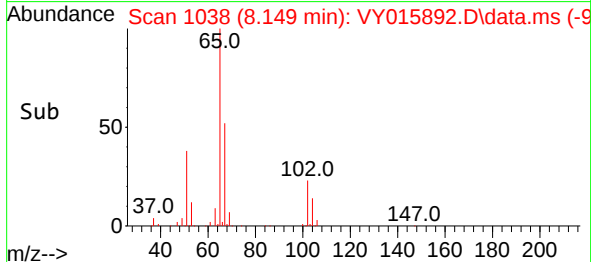
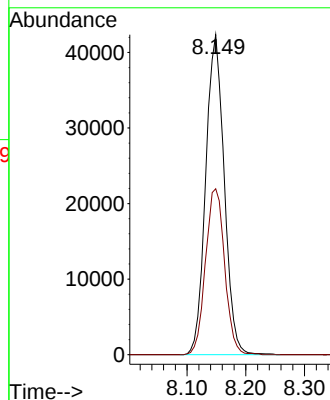
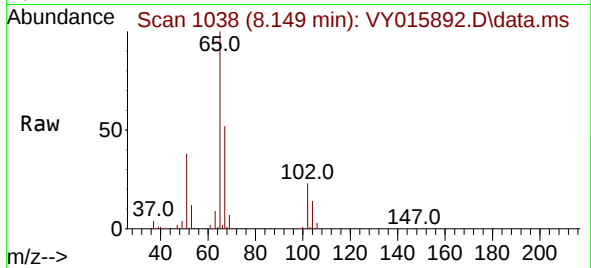




#33
 1,2-Dichloroethane-d4
 Concen: 65.857 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY015892.D
 Acq: 10 Oct 2023 13:20

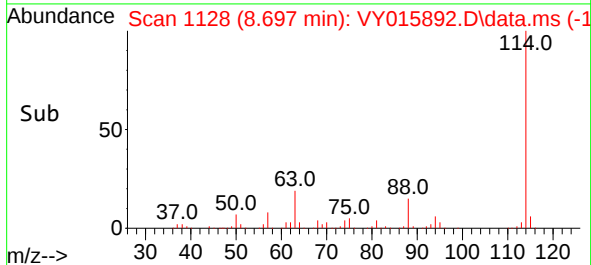
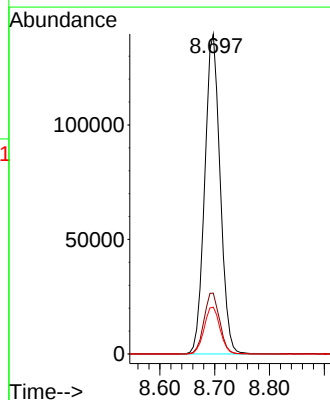
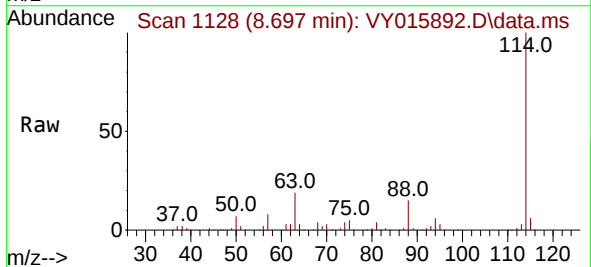
Instrument :
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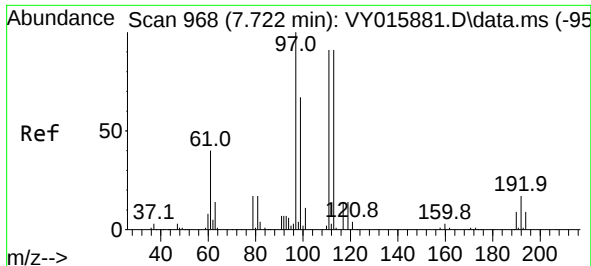
Tgt Ion: 65 Resp: 92787
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY015892.D
 Acq: 10 Oct 2023 13:20

Tgt Ion: 114 Resp: 272246
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 14.6 0.0 30.6

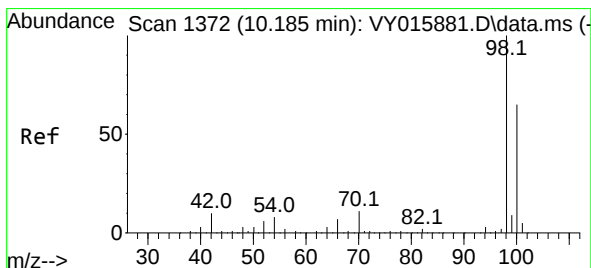
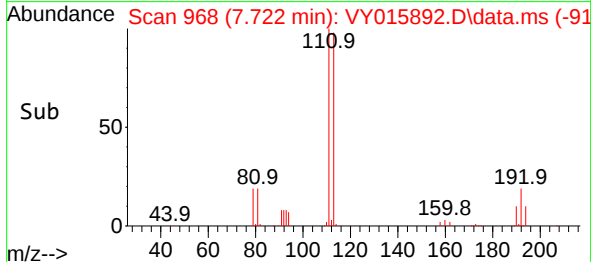
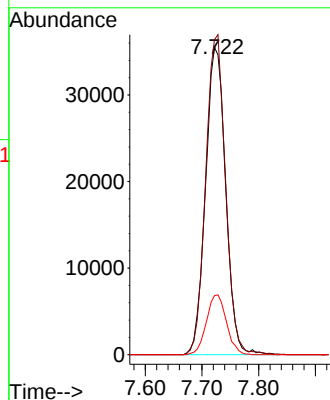
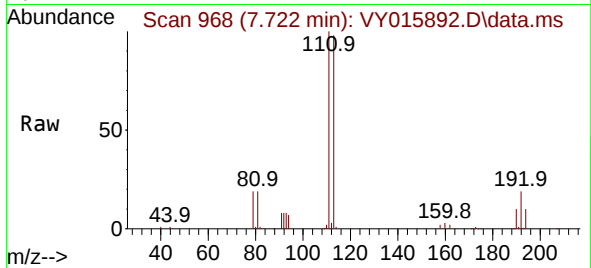




#35
Dibromofluoromethane
Concen: 57.730 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015892.D
Acq: 10 Oct 2023 13:20

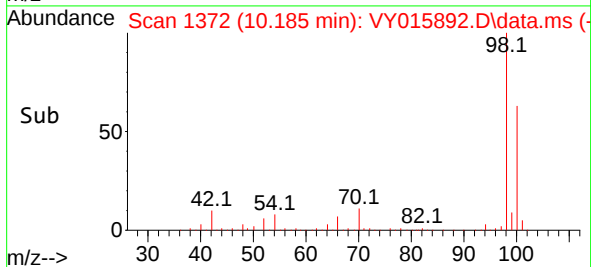
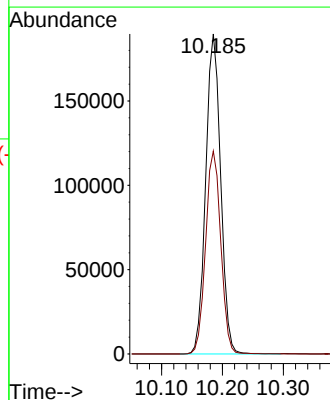
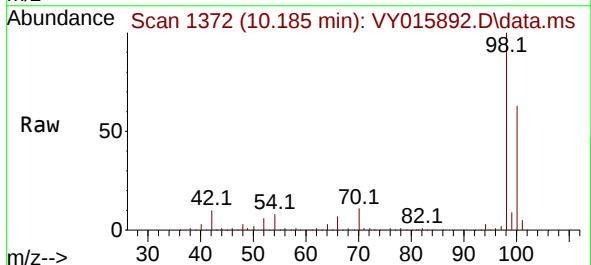
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

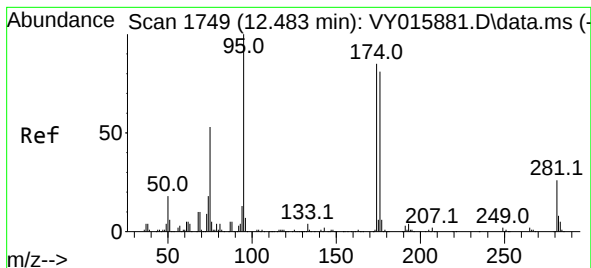
Tgt Ion:113 Resp: 87664
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.3 16.9 25.3



#50
Toluene-d8
Concen: 64.625 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015892.D
Acq: 10 Oct 2023 13:20

Tgt Ion: 98 Resp: 323425
Ion Ratio Lower Upper
98 100
100 64.3 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 52.784 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY015892.D

Acq: 10 Oct 2023 13:20

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

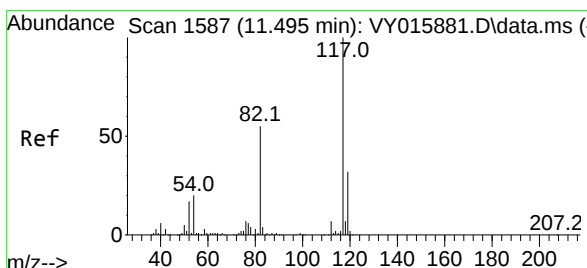
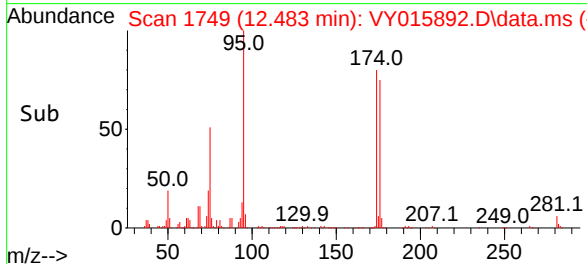
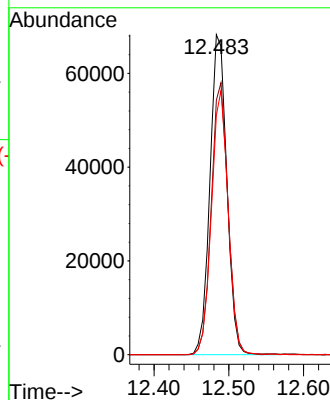
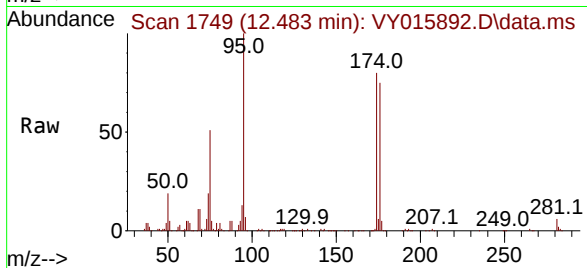
Tgt Ion: 95 Resp: 107297

Ion Ratio Lower Upper

95 100

174 84.4 0.0 178.2

176 81.8 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VY015892.D

Acq: 10 Oct 2023 13:20

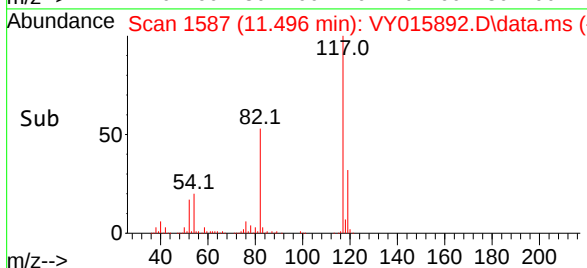
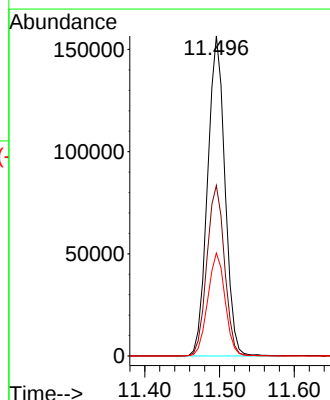
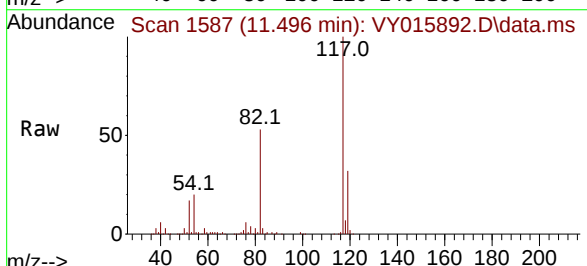
Tgt Ion: 117 Resp: 252396

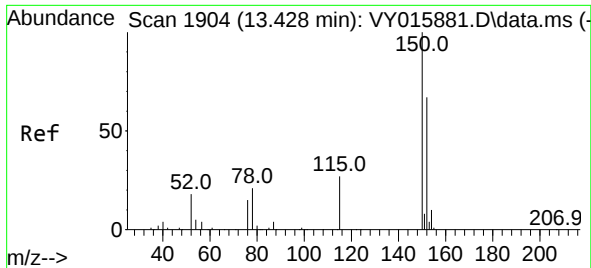
Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

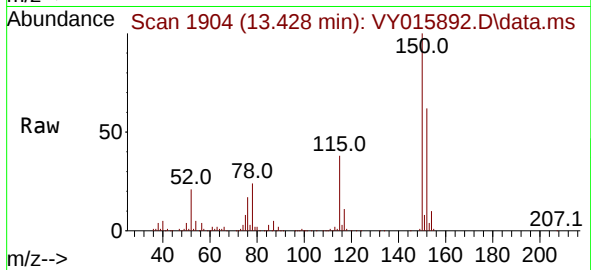
119 32.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY015892.D
 Acq: 10 Oct 2023 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3



Tgt Ion:152 Resp: 114452
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.8 86.5
 150 157.2 0.0 348.8

