

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015630.D
 Acq On : 18 Sep 2023 21:17
 Operator : SY/MD
 Sample : 04453-05
 Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B102-07(2.5-3)

Quant Time: Sep 19 02:08:36 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)

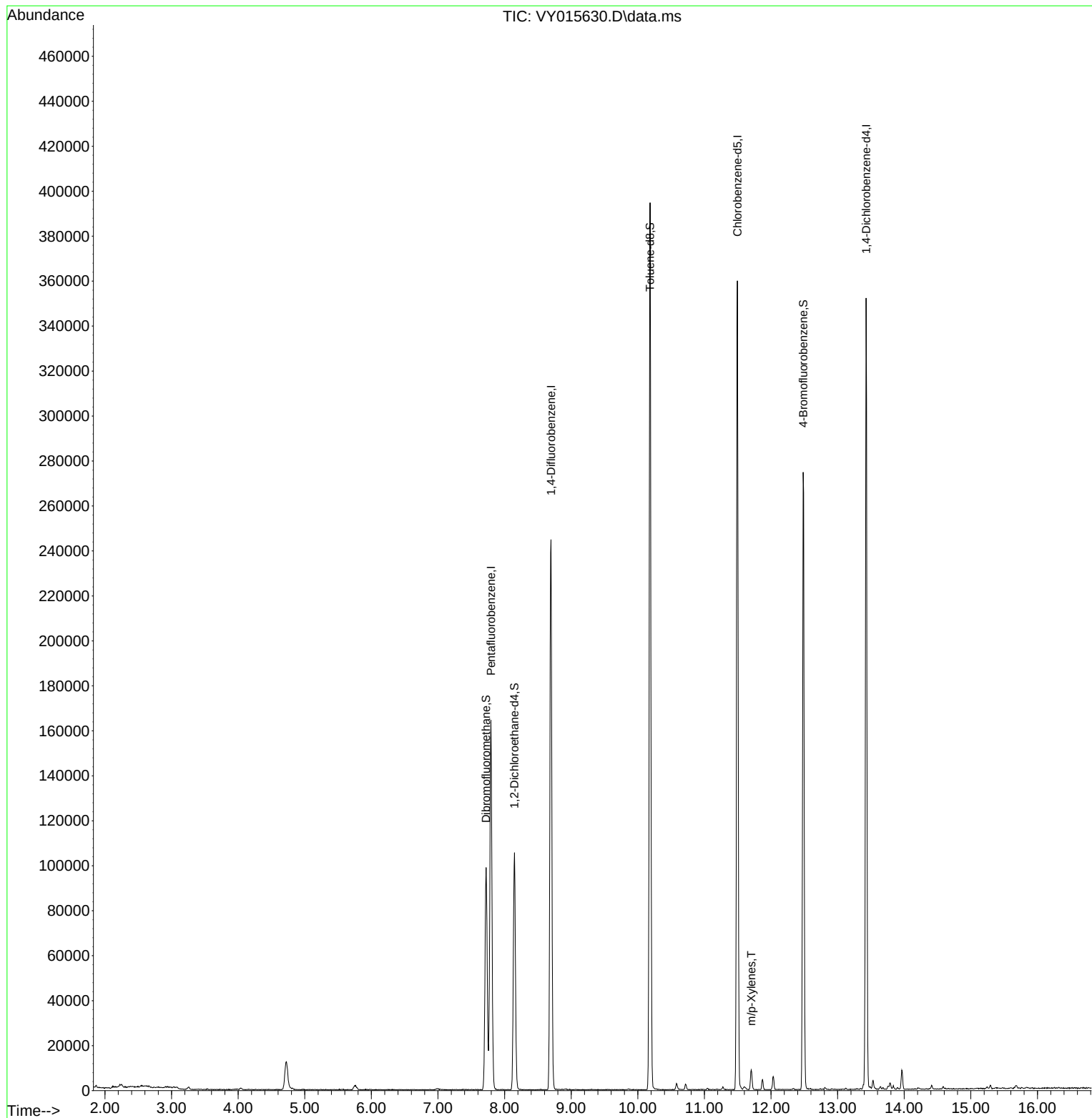
Internal Standards						
1) Pentafluorobenzene	7.795	168	126190	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	213376	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	194550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81706	60.400	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.800%	
35) Dibromofluoromethane	7.722	113	69794	56.789	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.580%	
50) Toluene-d8	10.185	98	252332	56.695	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.400%	
62) 4-Bromofluorobenzene	12.483	95	82832	50.133	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.260%	
Target Compounds						
68) m/p-Xylenes	11.703	106	2954	1.012	ug/l	Qvalue 84

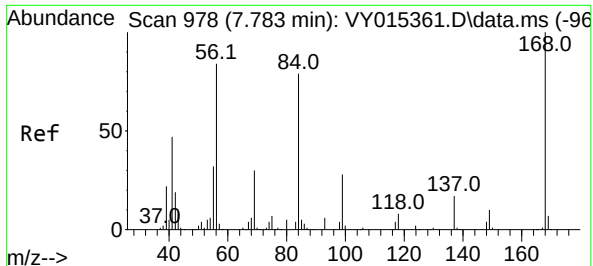
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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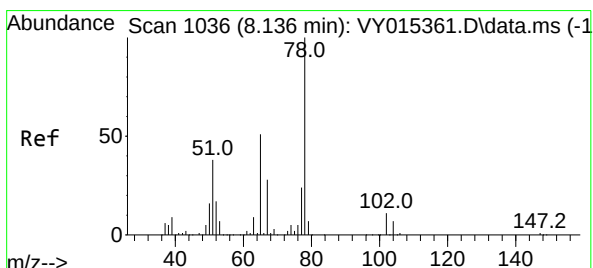
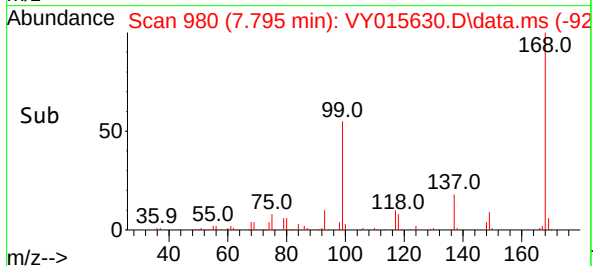
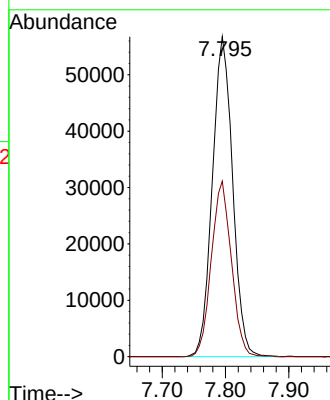
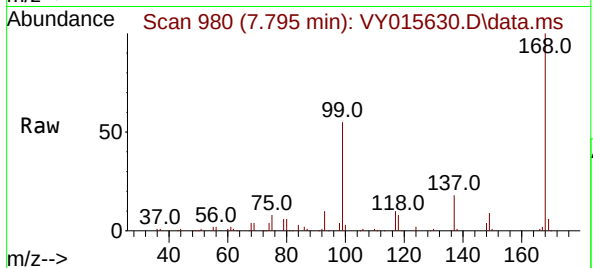




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015630.D
Acq: 18 Sep 2023 21:17

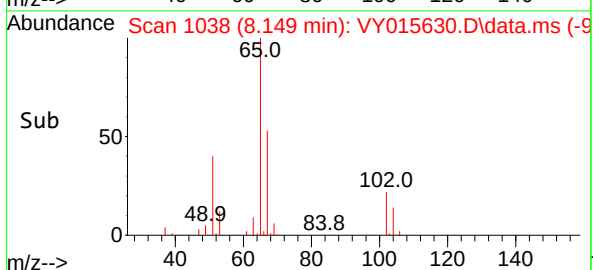
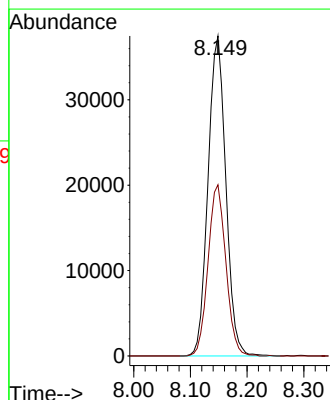
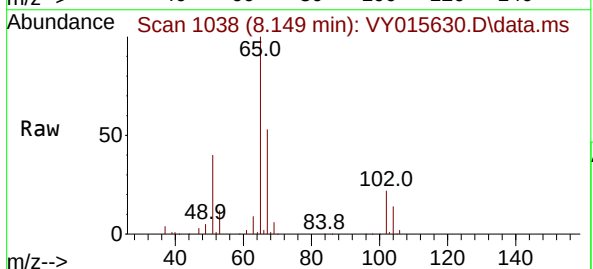
Instrument :
MSVOA_Y
ClientSampleId :
B102-07(2.5-3)

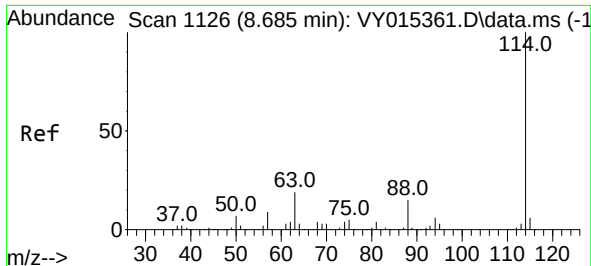
Tgt Ion:168 Resp: 126190
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 60.400 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015630.D
Acq: 18 Sep 2023 21:17

Tgt Ion: 65 Resp: 81706
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015630.D

Acq: 18 Sep 2023 21:17

Instrument :

MSVOA_Y

ClientSampleId :

B102-07(2.5-3)

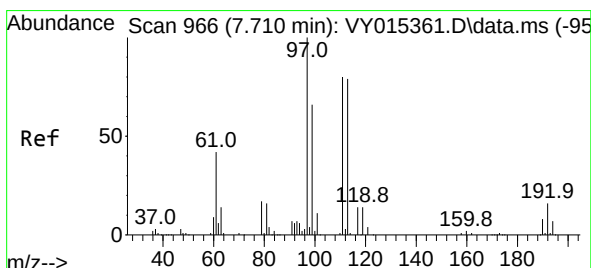
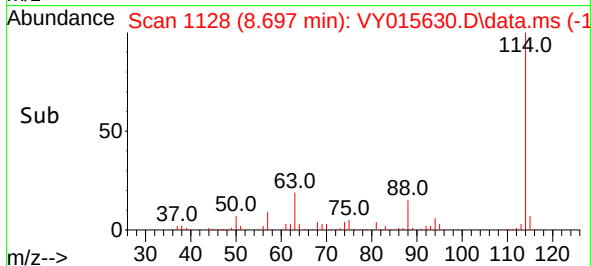
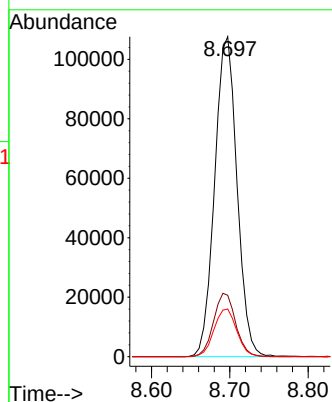
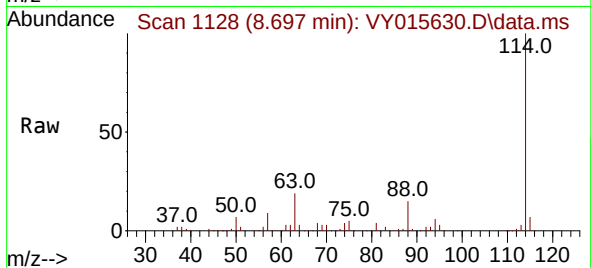
Tgt Ion:114 Resp: 213376

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.789 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015630.D

Acq: 18 Sep 2023 21:17

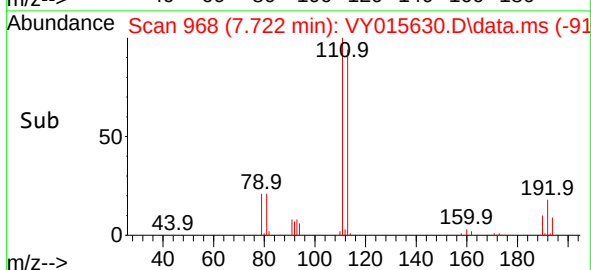
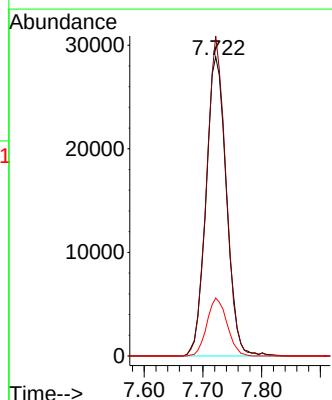
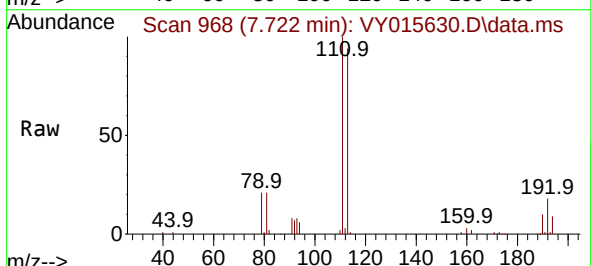
Tgt Ion:113 Resp: 69794

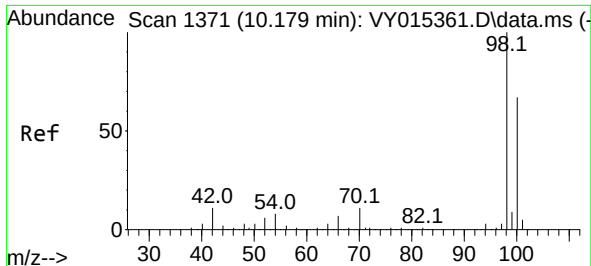
Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 19.1 16.9 25.3

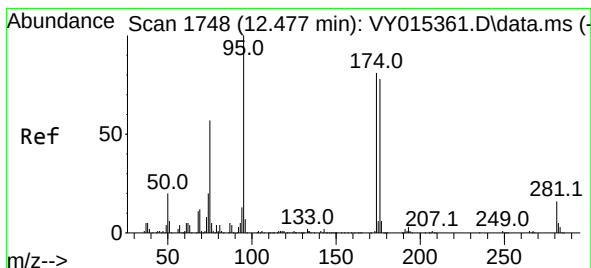
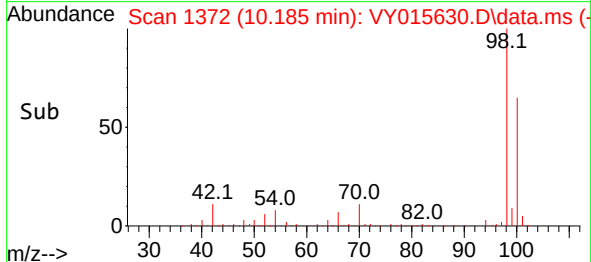
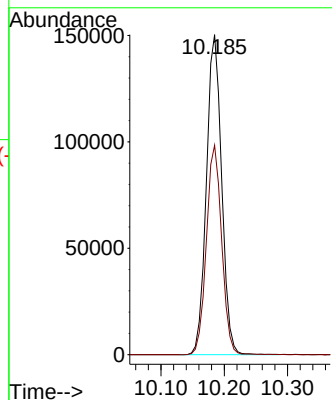
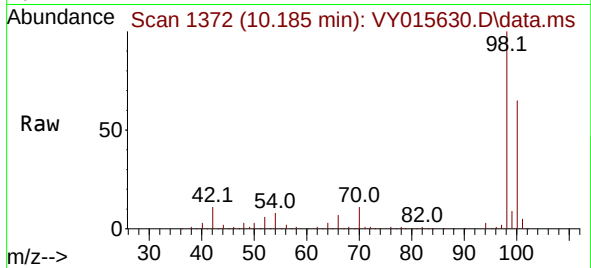




#50
Toluene-d8
Concen: 56.695 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015630.D
Acq: 18 Sep 2023 21:17

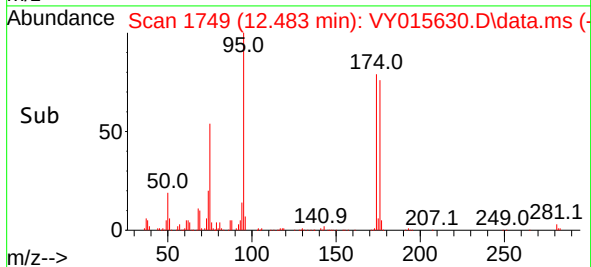
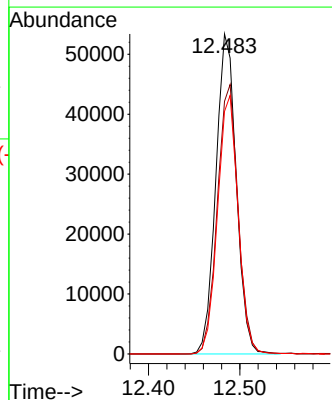
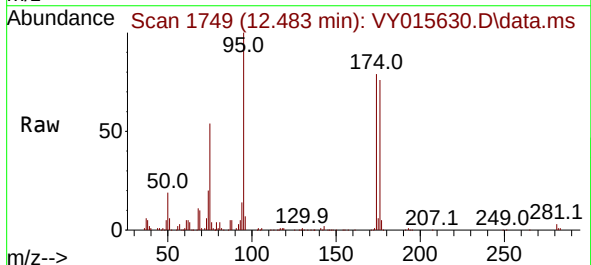
Instrument :
MSVOA_Y
ClientSampleId :
B102-07(2.5-3)

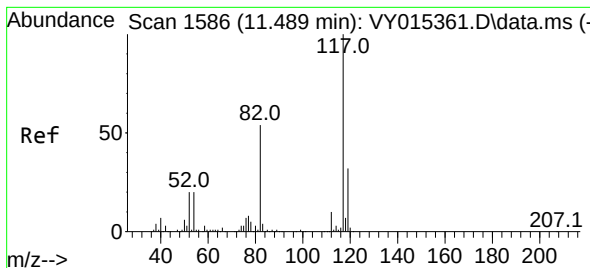
Tgt Ion: 98 Resp: 252332
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.133 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015630.D
Acq: 18 Sep 2023 21:17

Tgt Ion: 95 Resp: 82832
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 81.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 117

Delta R.T. 0.006 min

Lab File: VY015630.D

Acq: 18 Sep 2023 21:17

Instrument :

MSVOA_Y

ClientSampleId :

B102-07(2.5-3)

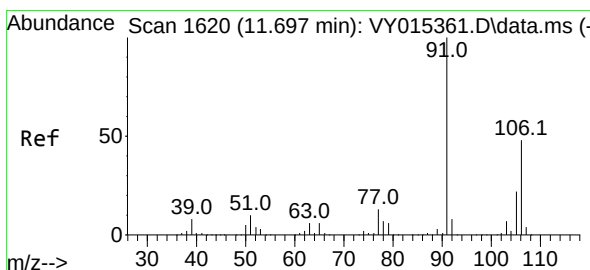
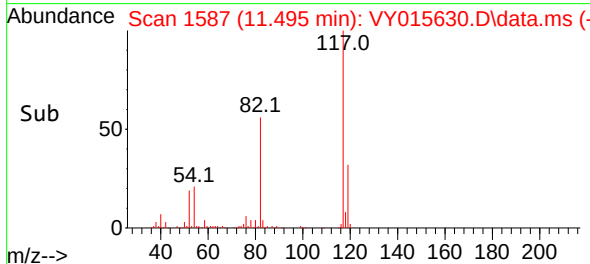
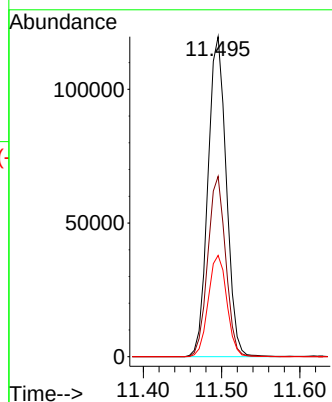
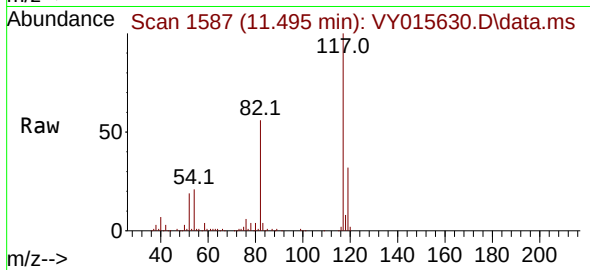
Tgt Ion:117 Resp: 194550

Ion Ratio Lower Upper

117 100

82 56.4 43.4 65.0

119 31.7 26.3 39.5



#68

m/p-Xylenes

Concen: 1.012 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015630.D

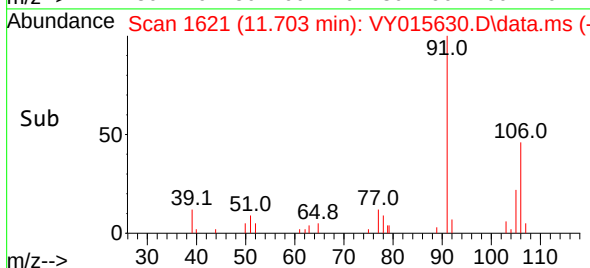
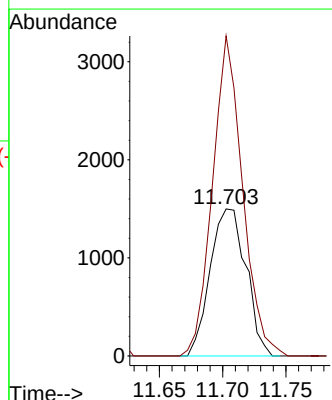
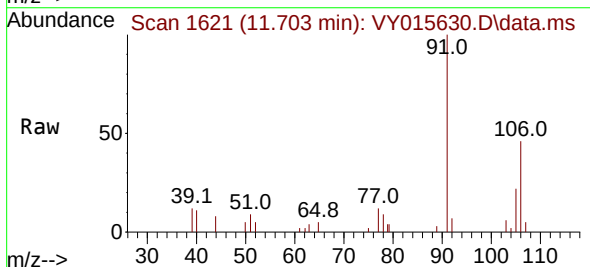
Acq: 18 Sep 2023 21:17

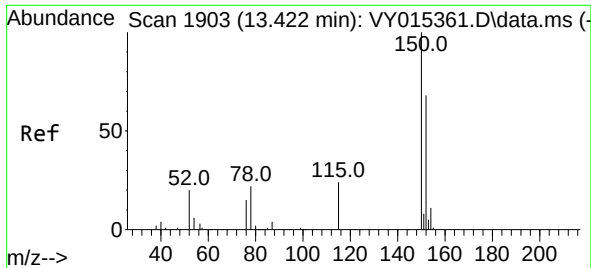
Tgt Ion:106 Resp: 2954

Ion Ratio Lower Upper

106 100

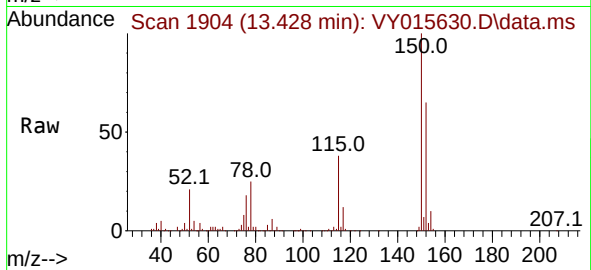
91 182.6 166.1 249.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015630.D
 Acq: 18 Sep 2023 21:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 B102-07(2.5-3)



Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	28.8	86.5
150	159.2	0.0	348.8

