

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014305.D
 Acq On : 21 Jun 2023 00:52
 Operator : KP/MD
 Sample : 03321-07
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-23

Quant Time: Jun 21 02:12:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

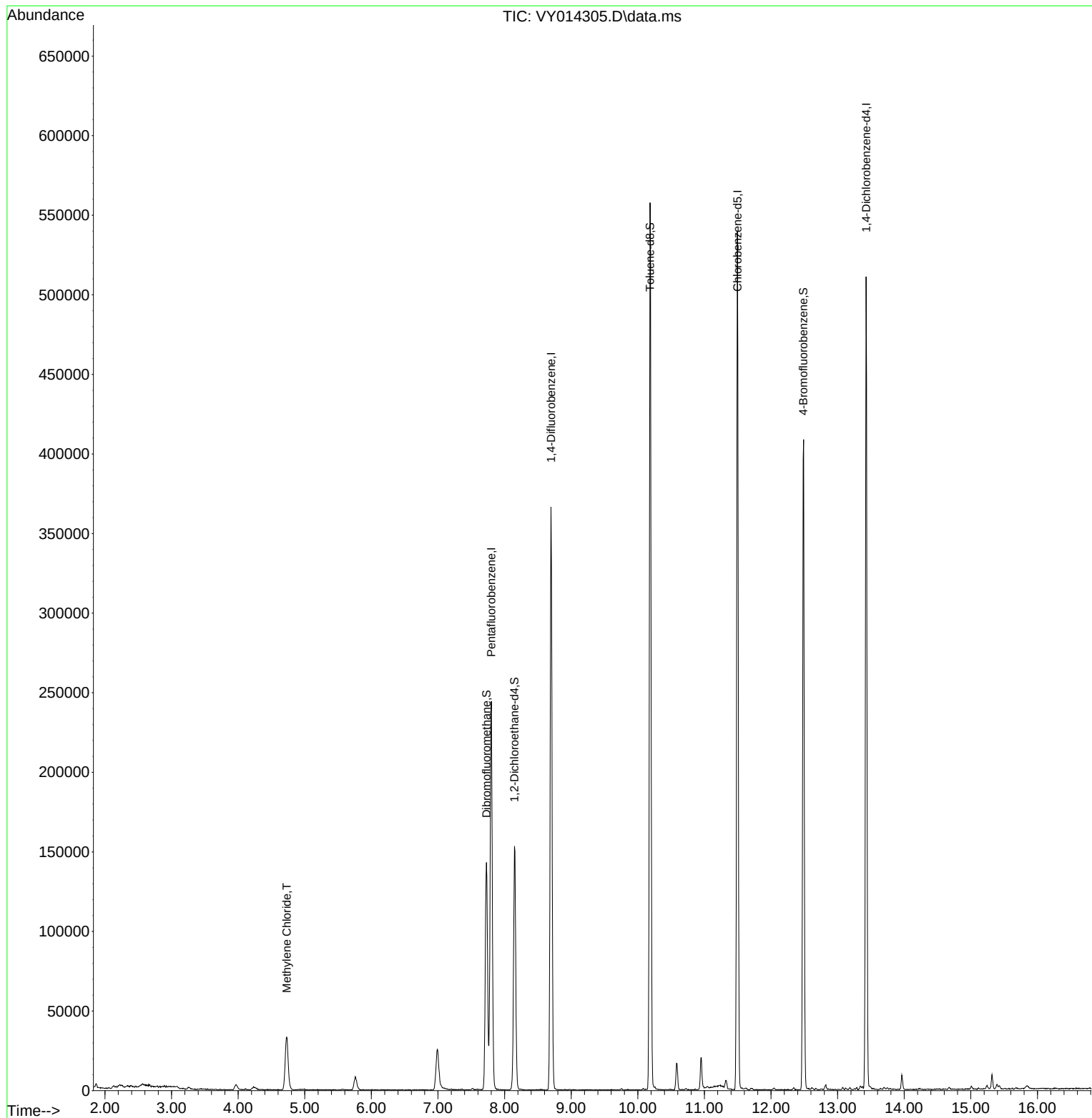
Internal Standards						
1) Pentafluorobenzene	7.801	168	188675	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	302673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	280873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	128310	48.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.680%
35) Dibromofluoromethane	7.728	113	99196	46.213	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.420%
50) Toluene-d8	10.185	98	361043	44.991	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.980%
62) 4-Bromofluorobenzene	12.483	95	117906	41.361	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.720%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.729	84	24658	6.644	ug/l	94

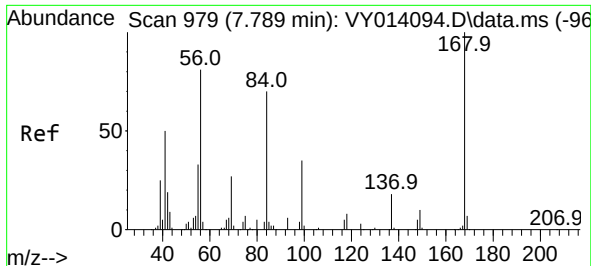
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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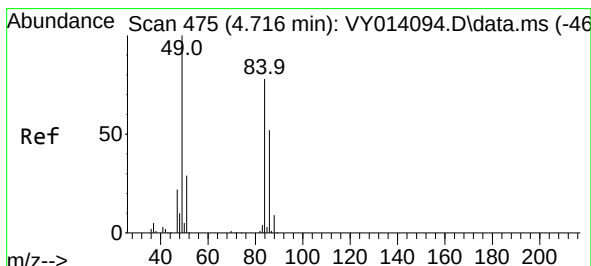
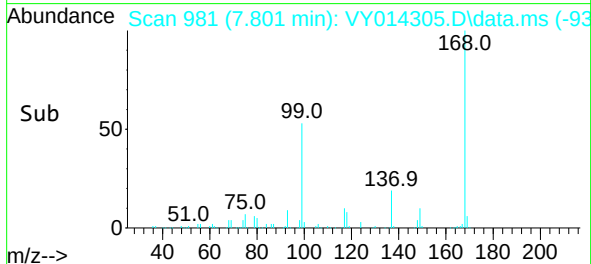
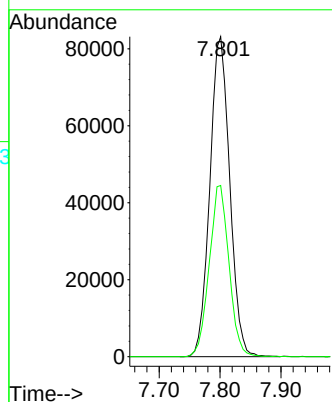
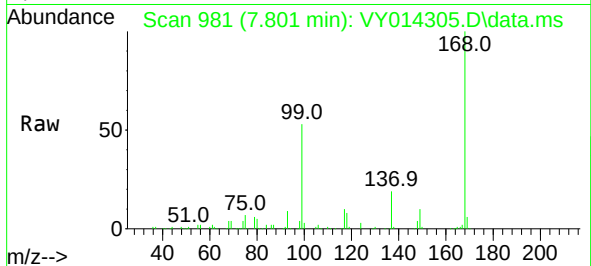




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014305.D
Acq: 21 Jun 2023 00:52

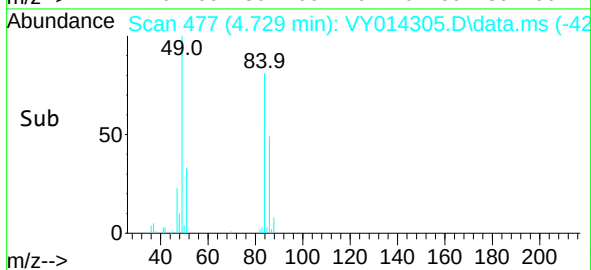
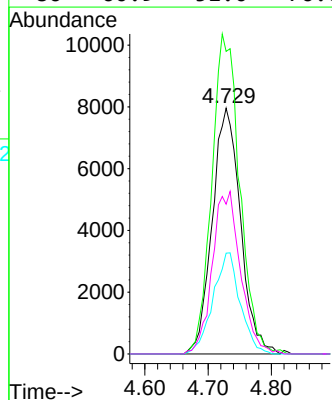
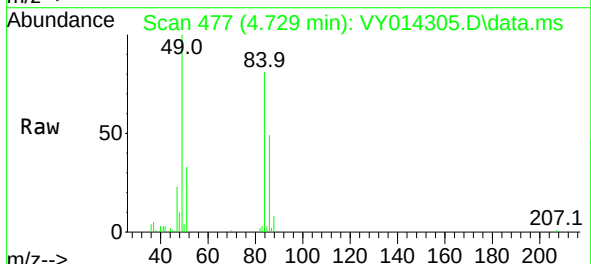
Instrument :
MSVOA_Y
ClientSampleId :
WC-23

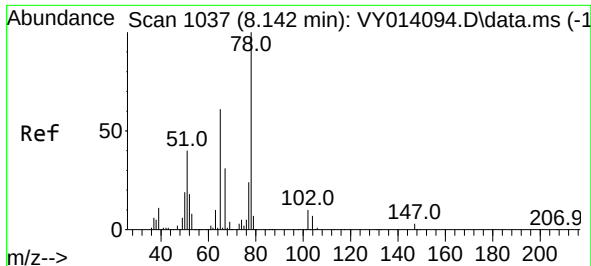
Tgt Ion:168 Resp: 188675
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#20
Methylene Chloride
Concen: 6.644 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY014305.D
Acq: 21 Jun 2023 00:52

Tgt Ion: 84 Resp: 24658
Ion Ratio Lower Upper
84 100
49 123.1 106.9 160.3
51 41.0 33.2 49.8
86 60.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 48.837 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014305.D

Acq: 21 Jun 2023 00:52

Instrument :

MSVOA_Y

ClientSampleId :

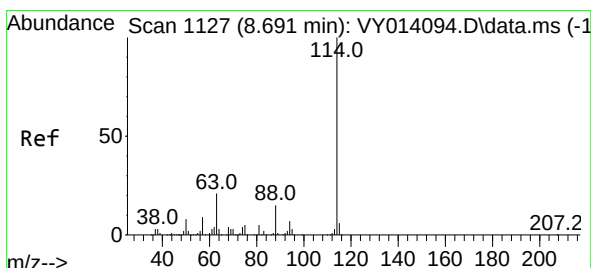
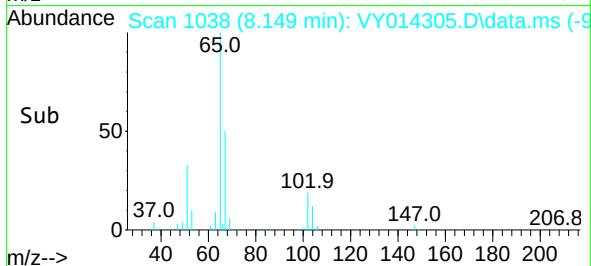
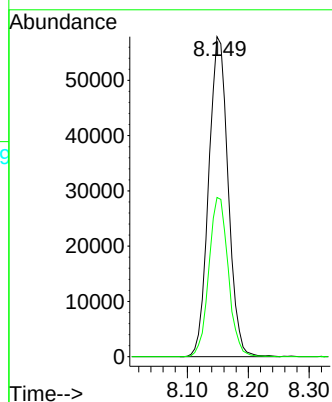
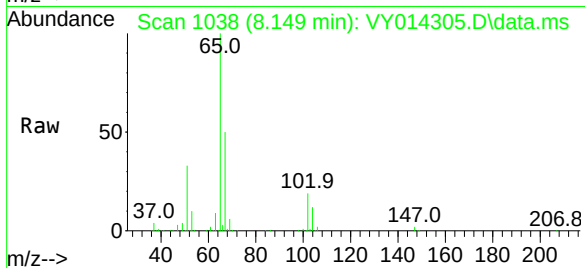
WC-23

Tgt Ion: 65 Resp: 128310

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014305.D

Acq: 21 Jun 2023 00:52

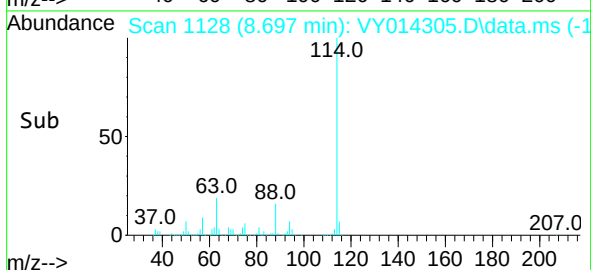
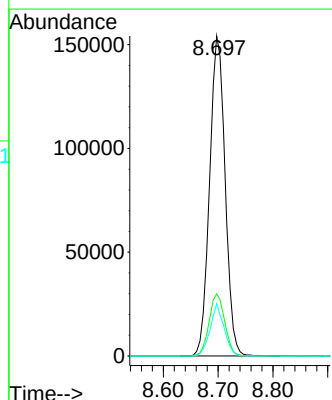
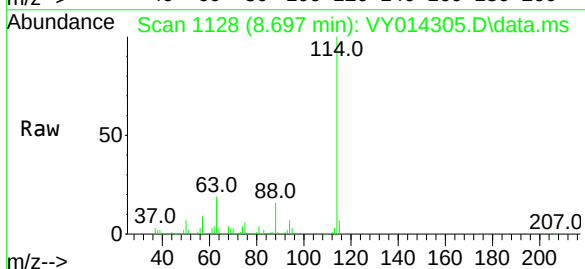
Tgt Ion: 114 Resp: 302673

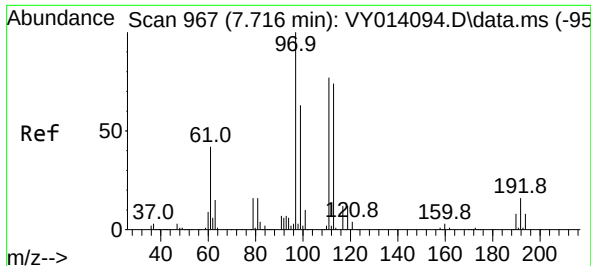
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 16.4 0.0 30.6

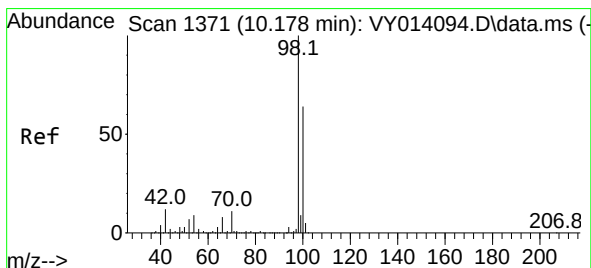
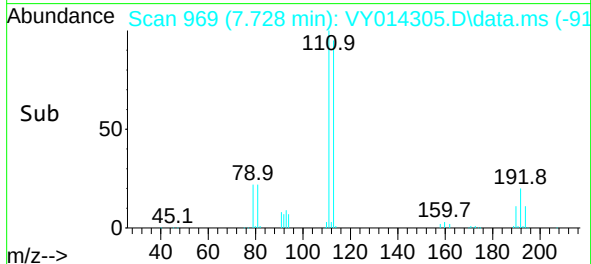
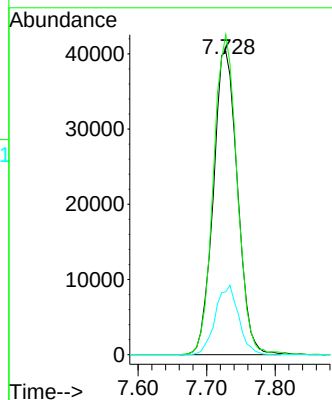
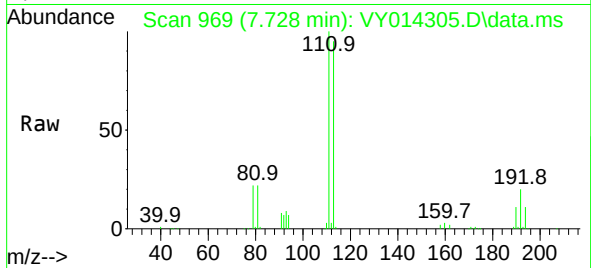




#35
Dibromofluoromethane
Concen: 46.213 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014305.D
Acq: 21 Jun 2023 00:52

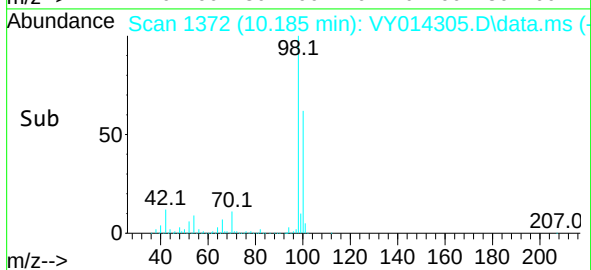
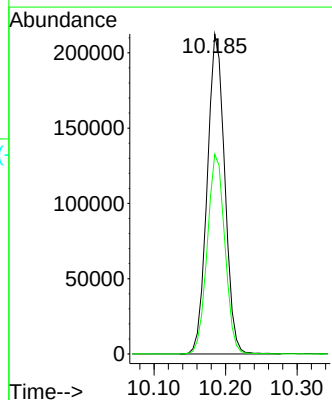
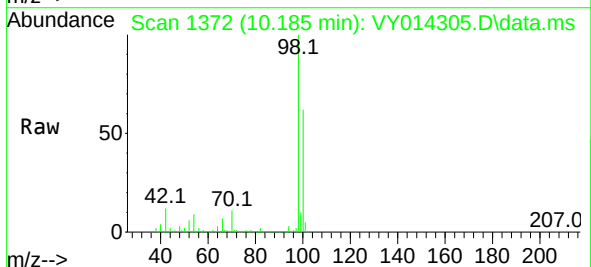
Instrument :
MSVOA_Y
ClientSampleId :
WC-23

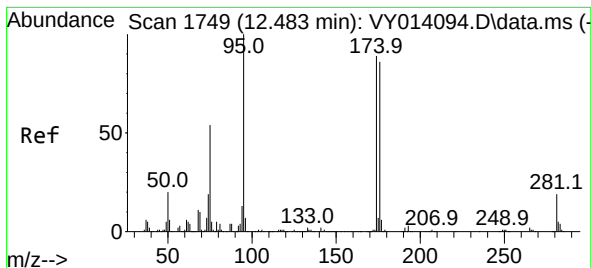
Tgt Ion:113 Resp: 99196
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 21.9 16.9 25.3



#50
Toluene-d8
Concen: 44.991 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014305.D
Acq: 21 Jun 2023 00:52

Tgt Ion: 98 Resp: 361043
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 41.361 ug/l

RT: 12.483 min Scan# 117906

Delta R.T. 0.000 min

Lab File: VY014305.D

Acq: 21 Jun 2023 00:52

Instrument :

MSVOA_Y

ClientSampleId :

WC-23

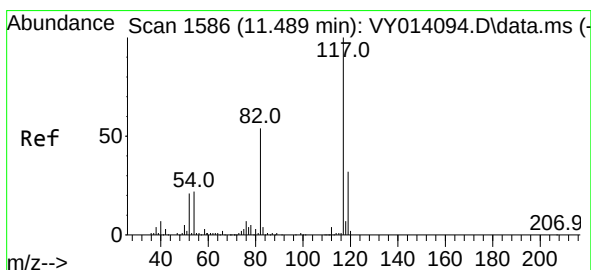
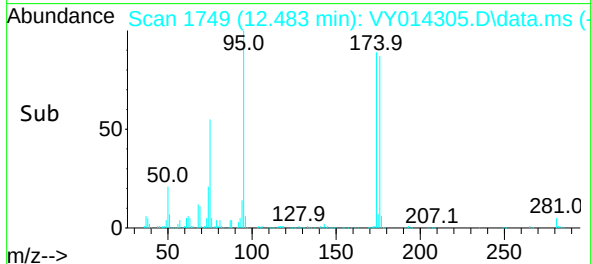
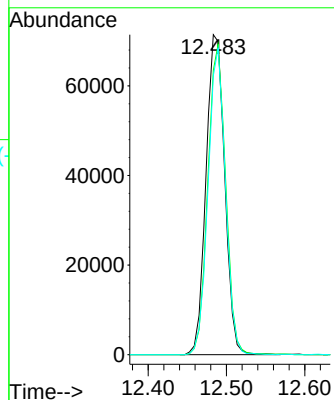
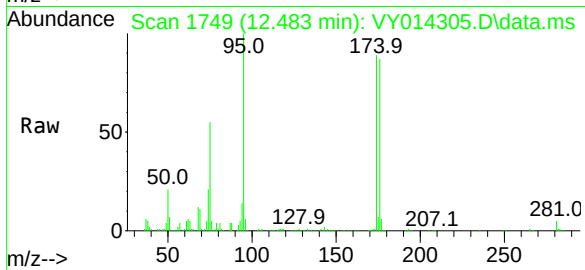
Tgt Ion: 95 Resp: 117906

Ion Ratio Lower Upper

95 100

174 92.7 0.0 178.2

176 89.6 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. 0.007 min

Lab File: VY014305.D

Acq: 21 Jun 2023 00:52

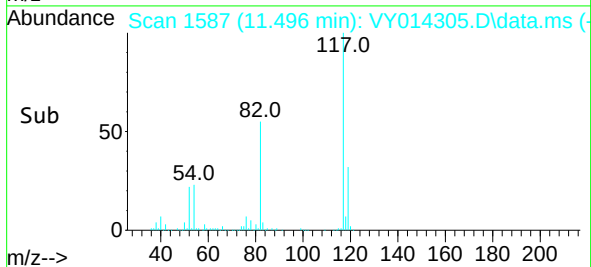
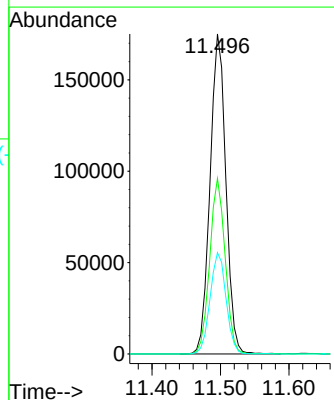
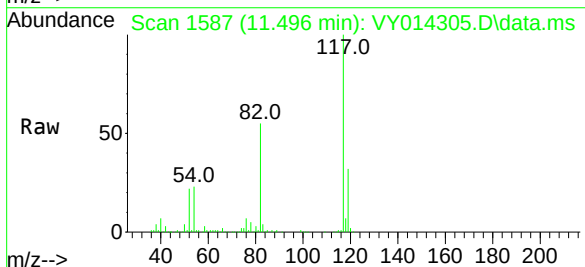
Tgt Ion: 117 Resp: 280873

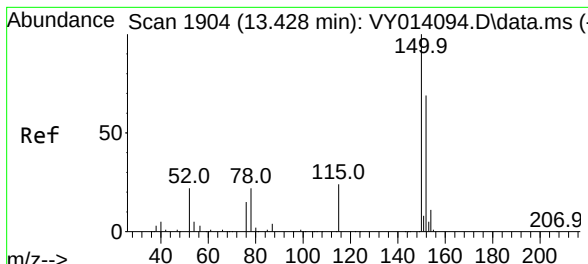
Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

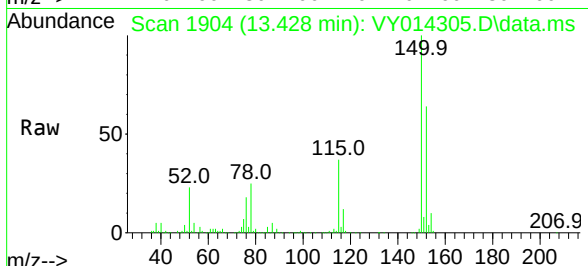
119 31.6 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014305.D
 Acq: 21 Jun 2023 00:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-23



Tgt Ion:152 Resp: 133482
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.8 86.5
 150 155.0 0.0 348.8

