

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013692.D
 Acq On : 10 May 2023 16:53
 Operator : KP/MD
 Sample : 02721-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: May 11 03:30:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

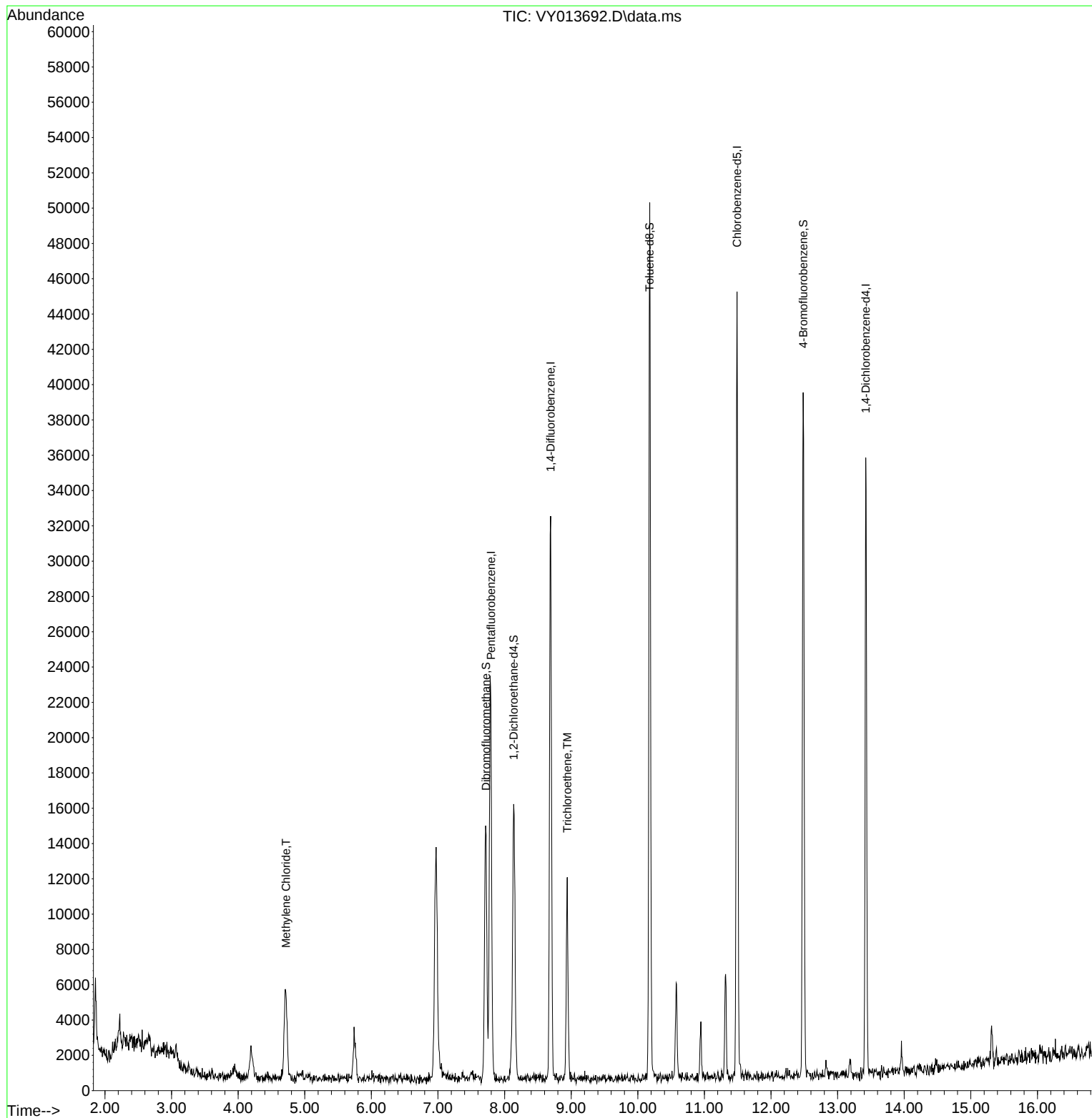
Internal Standards						
1) Pentafluorobenzene	7.795	168	17963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	27387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	24566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	12233	62.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.240%	
35) Dibromofluoromethane	7.722	113	10525	61.102	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.200%	
50) Toluene-d8	10.179	98	32842	53.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.200%	
62) 4-Bromofluorobenzene	12.483	95	9532	46.142	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.280%	
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	3780	8.912	ug/l	97
44) Trichloroethene	8.941	130	3681	17.185	ug/l	80

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

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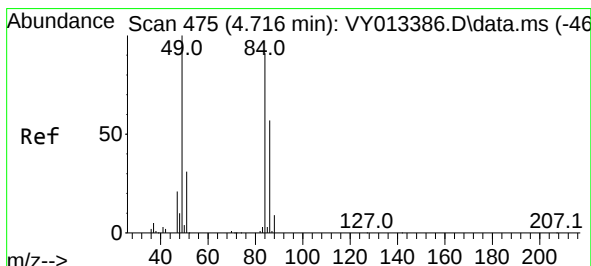
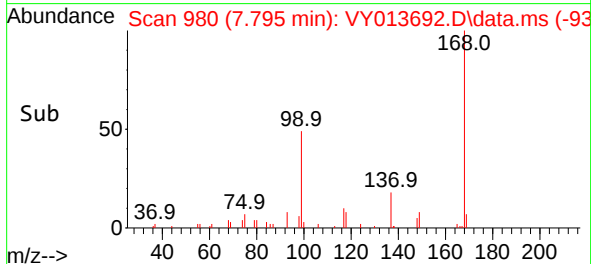
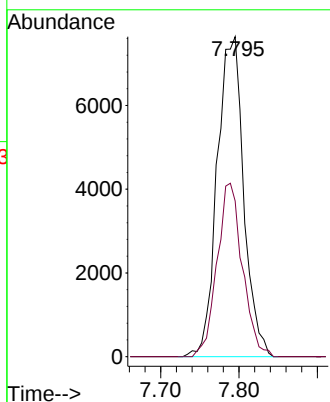
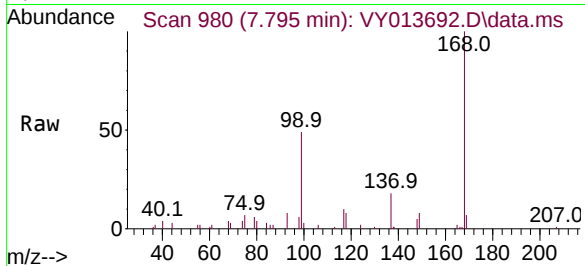




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013692.D
Acq: 10 May 2023 16:53

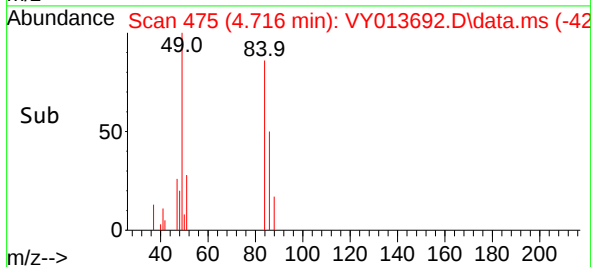
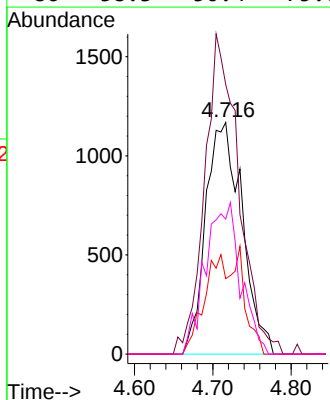
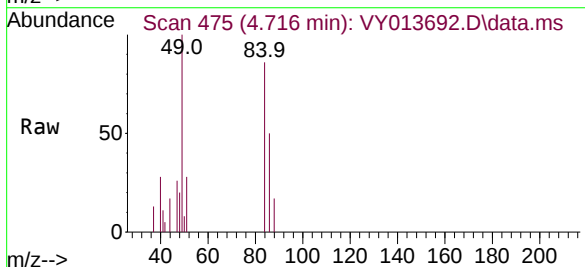
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

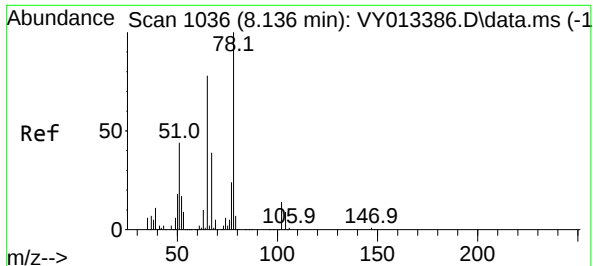
Tgt Ion:168 Resp: 17963
Ion Ratio Lower Upper
168 100
99 48.7 41.8 62.6



#20
Methylene Chloride
Concen: 8.912 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013692.D
Acq: 10 May 2023 16:53

Tgt Ion: 84 Resp: 3780
Ion Ratio Lower Upper
84 100
49 110.8 88.0 132.0
51 32.6 27.4 41.0
86 58.3 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 62.124 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013692.D

Acq: 10 May 2023 16:53

Instrument :

MSVOA_Y

ClientSampleId :

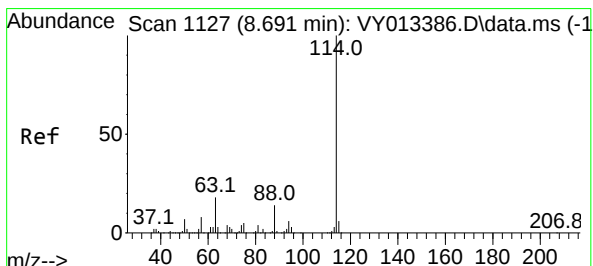
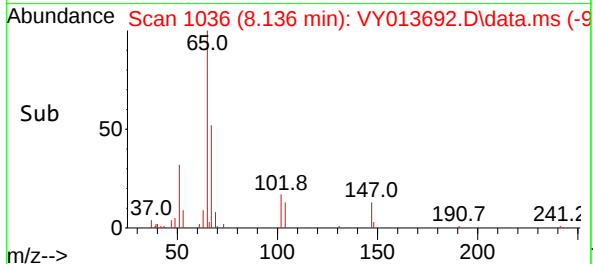
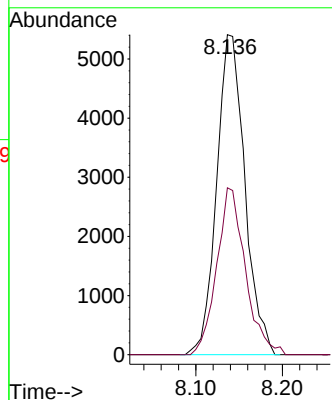
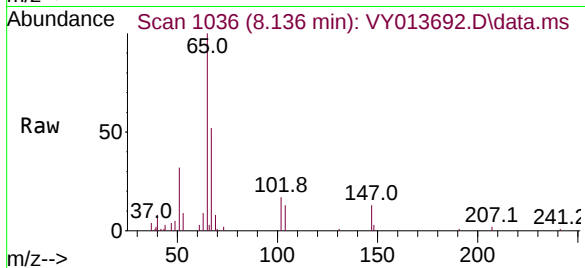
WC-1

Tgt Ion: 65 Resp: 12233

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013692.D

Acq: 10 May 2023 16:53

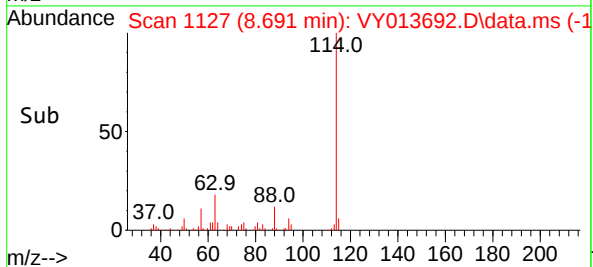
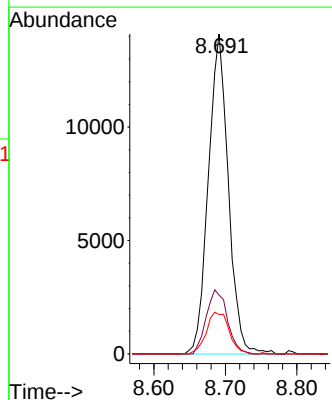
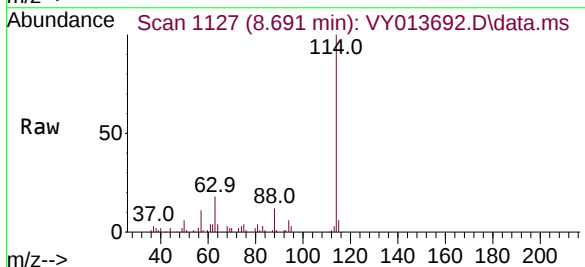
Tgt Ion: 114 Resp: 27387

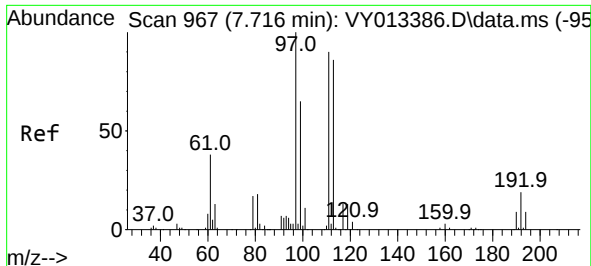
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.6

88 12.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 61.102 ug/l

RT: 7.722 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY013692.D

Acq: 10 May 2023 16:53

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

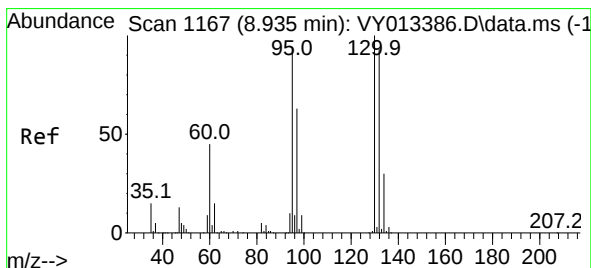
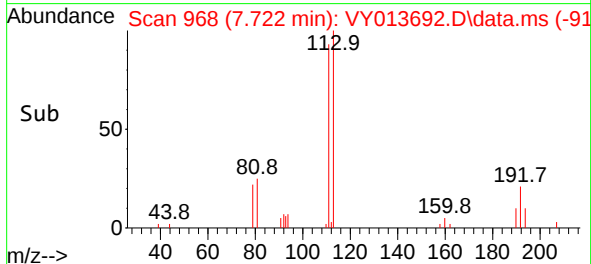
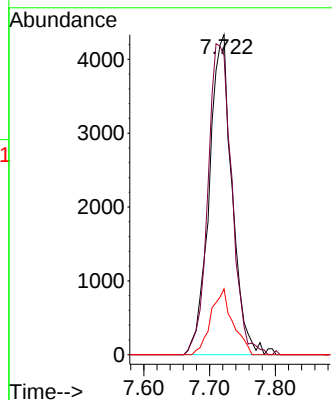
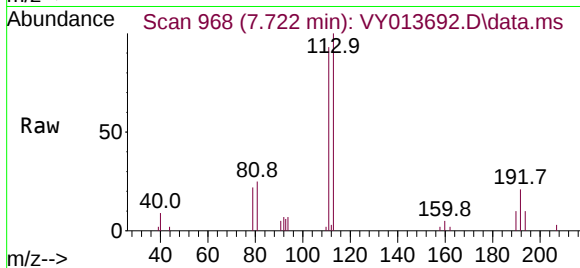
Tgt Ion:113 Resp: 10525

Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.2

192 19.6 16.7 25.1



#44

Trichloroethene

Concen: 17.185 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013692.D

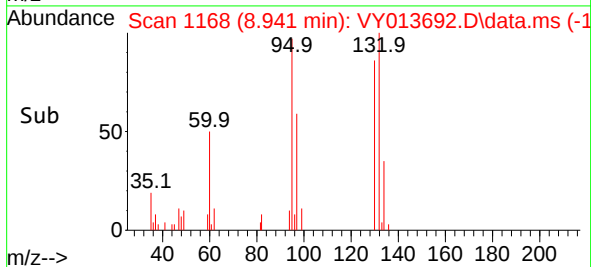
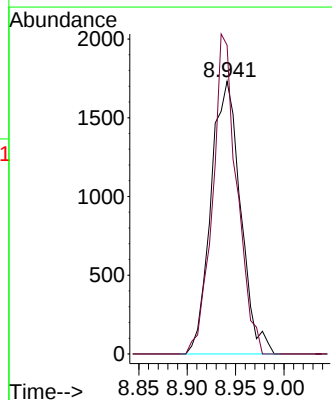
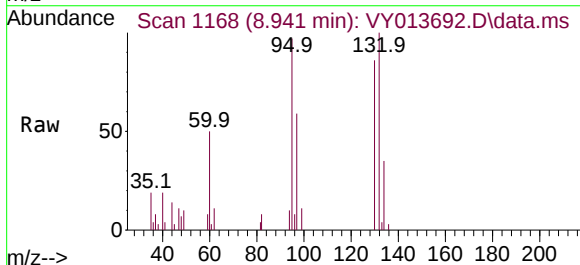
Acq: 10 May 2023 16:53

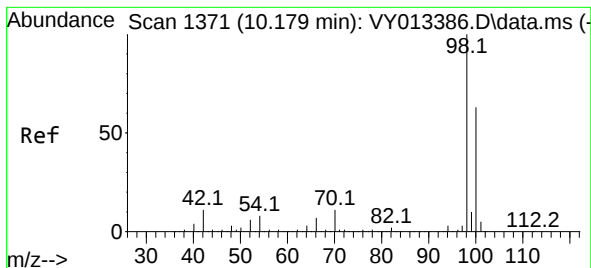
Tgt Ion:130 Resp: 3681

Ion Ratio Lower Upper

130 100

95 113.3 0.0 188.8





#50

Toluene-d8

Concen: 53.596 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013692.D

Acq: 10 May 2023 16:53

Instrument :

MSVOA_Y

ClientSampleId :

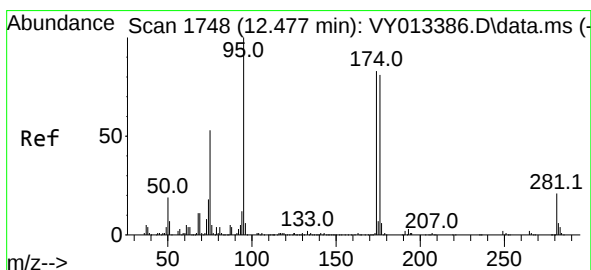
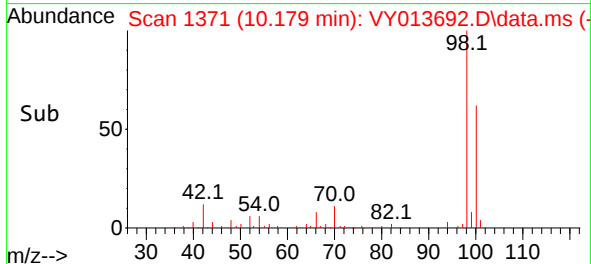
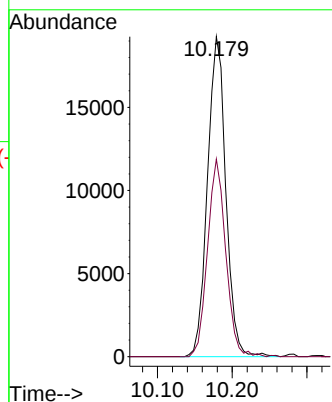
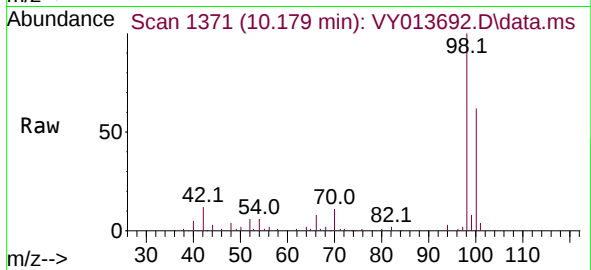
WC-1

Tgt Ion: 98 Resp: 32842

Ion Ratio Lower Upper

98 100

100 61.3 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 46.142 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013692.D

Acq: 10 May 2023 16:53

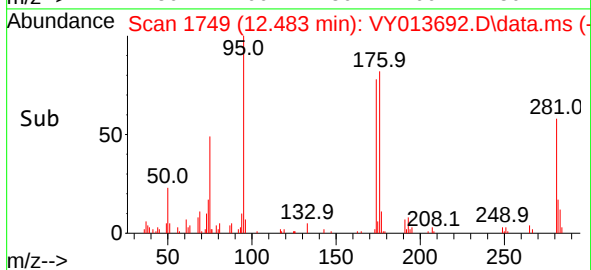
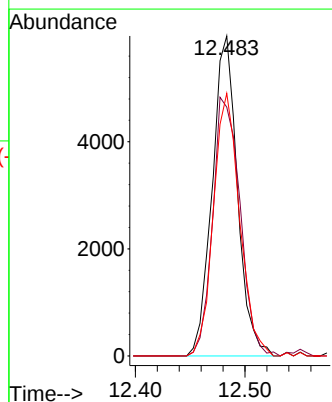
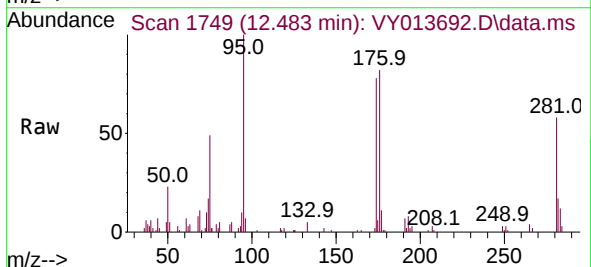
Tgt Ion: 95 Resp: 9532

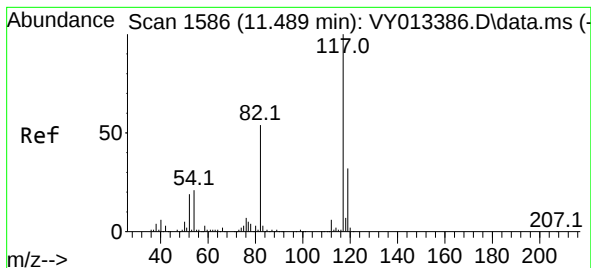
Ion Ratio Lower Upper

95 100

174 87.7 0.0 182.0

176 85.4 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013692.D

Acq: 10 May 2023 16:53

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

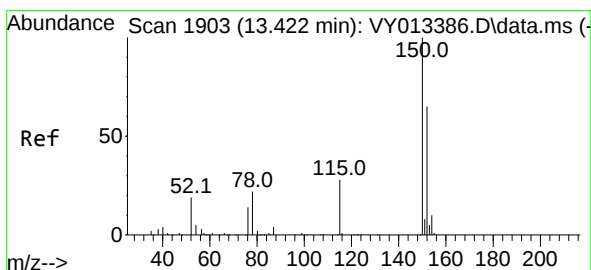
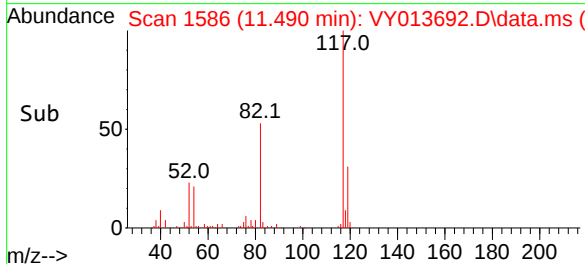
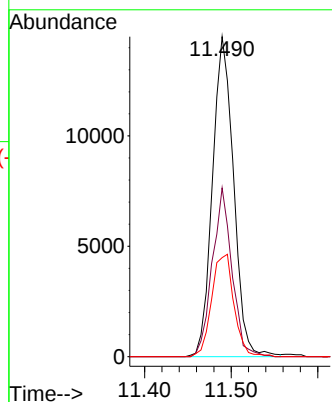
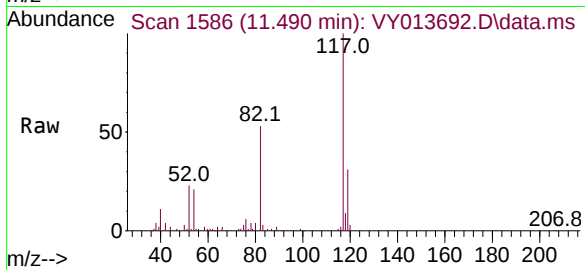
Tgt Ion:117 Resp: 24566

Ion Ratio Lower Upper

117 100

82 52.8 43.0 64.6

119 31.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013692.D

Acq: 10 May 2023 16:53

Tgt Ion:152 Resp: 8971

Ion Ratio Lower Upper

152 100

115 57.2 28.1 84.2

150 160.0 0.0 352.0

