

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013740.D
 Acq On : 15 May 2023 16:50
 Operator : KP/MD
 Sample : 02757-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: May 16 01:32:59 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)

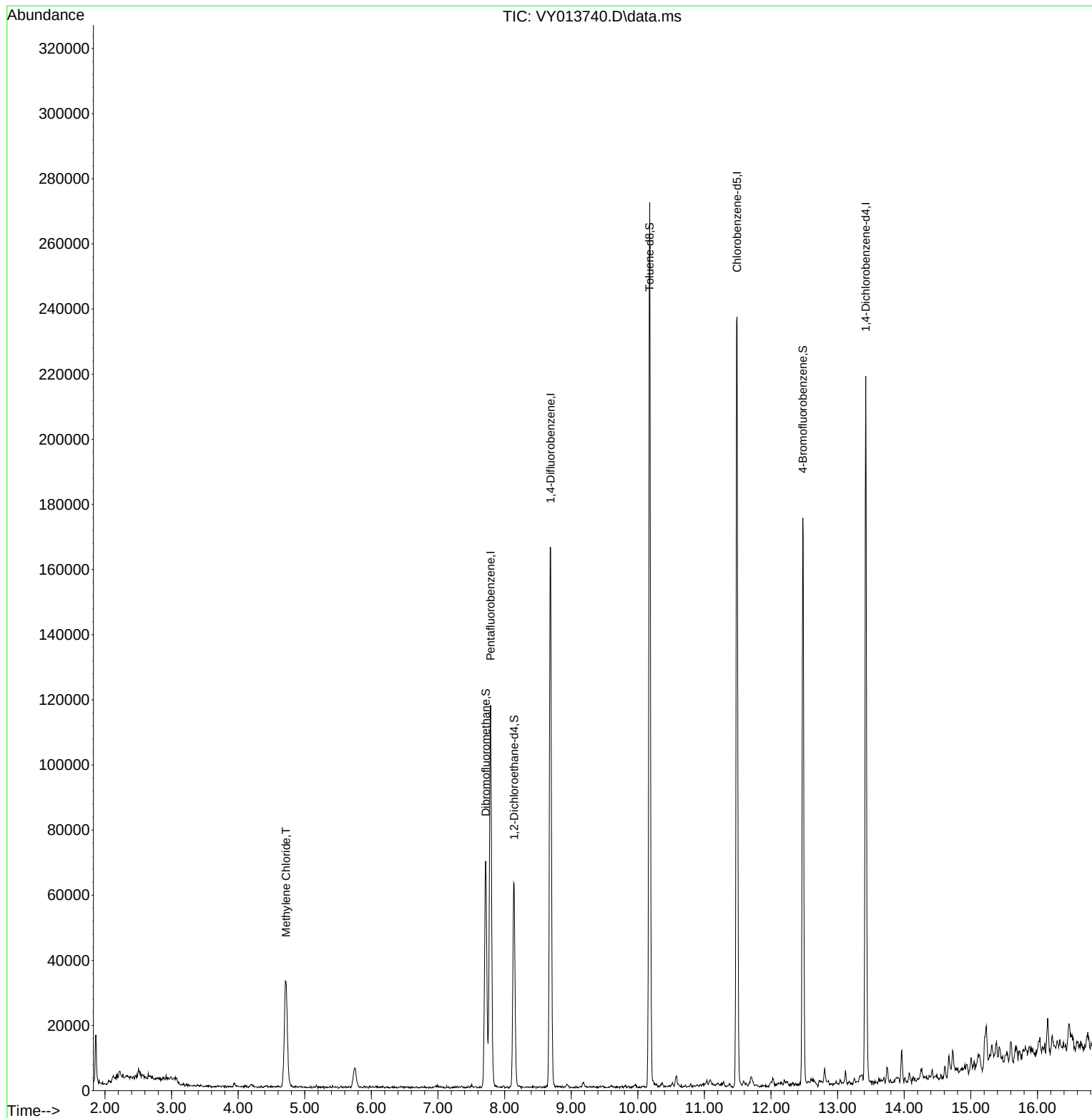
Internal Standards						
1) Pentafluorobenzene	7.789	168	89471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	141988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	129514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	50039	51.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.040%	
35) Dibromofluoromethane	7.715	113	47942	53.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.360%	
50) Toluene-d8	10.178	98	170633	53.710	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.420%	
62) 4-Bromofluorobenzene	12.477	95	50272	46.939	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.880%	
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	24361	14.368	ug/l	92

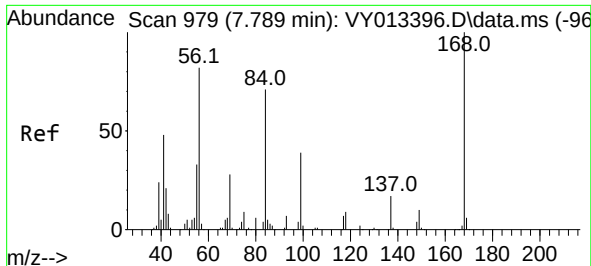
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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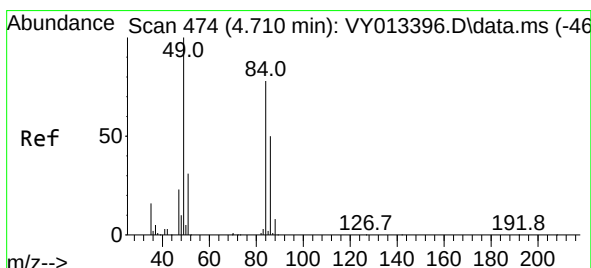
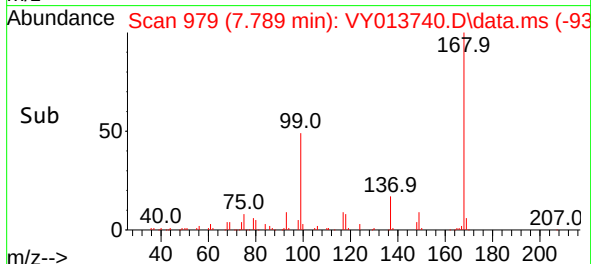
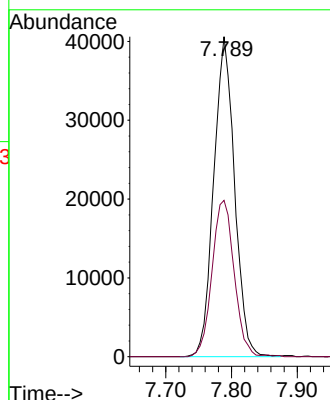
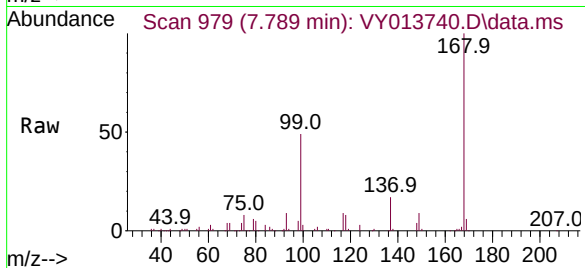




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013740.D
Acq: 15 May 2023 16:50

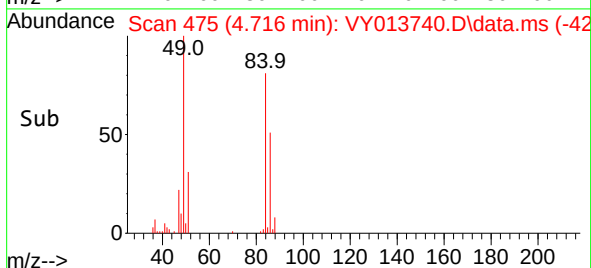
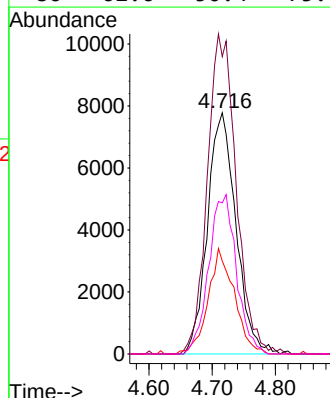
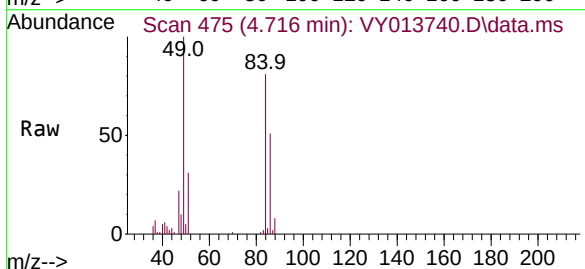
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

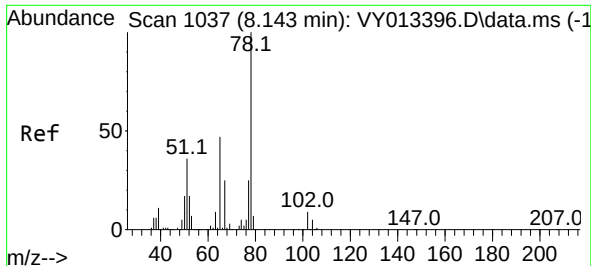
Tgt Ion:168 Resp: 89471
Ion Ratio Lower Upper
168 100
99 48.9 41.8 62.6



#20
Methylene Chloride
Concen: 14.368 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013740.D
Acq: 15 May 2023 16:50

Tgt Ion: 84 Resp: 24361
Ion Ratio Lower Upper
84 100
49 123.3 88.0 132.0
51 38.5 27.4 41.0
86 62.6 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 51.019 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY013740.D

Acq: 15 May 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

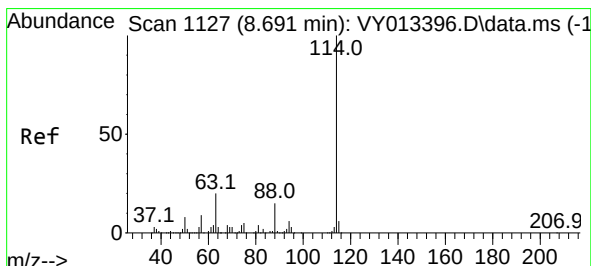
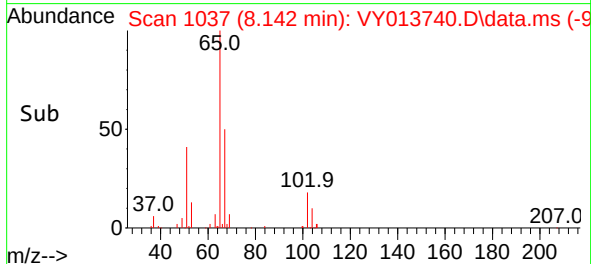
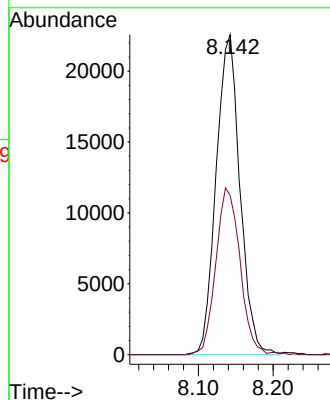
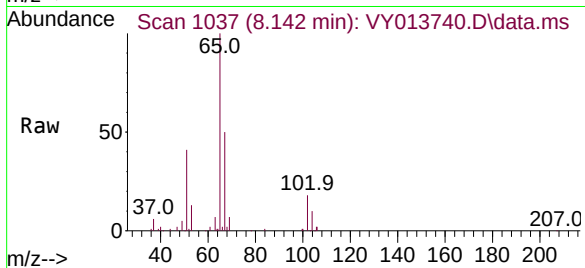
WC-1

Tgt Ion: 65 Resp: 50039

Ion Ratio Lower Upper

65 100

67 53.1 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: VY013740.D

Acq: 15 May 2023 16:50

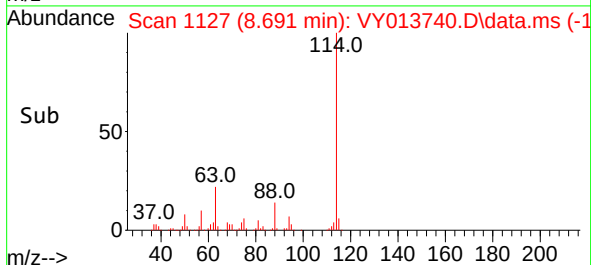
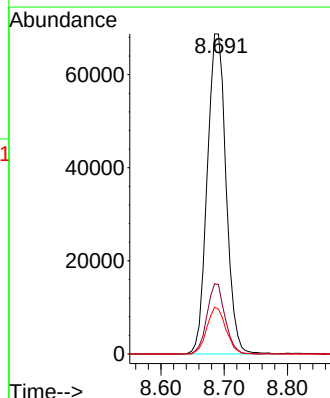
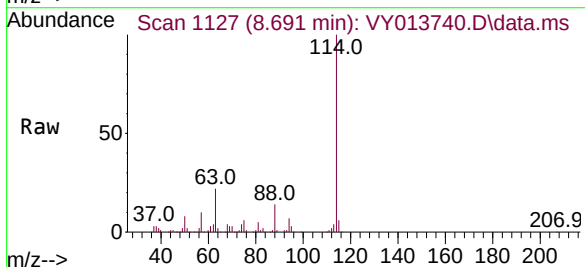
Tgt Ion: 114 Resp: 141988

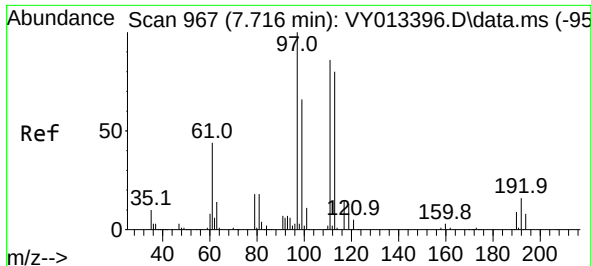
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.6

88 14.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 53.684 ug/l

RT: 7.715 min Scan# 9

Delta R.T. -0.001 min

Lab File: VY013740.D

Acq: 15 May 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

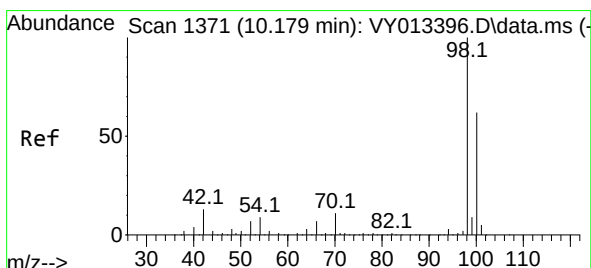
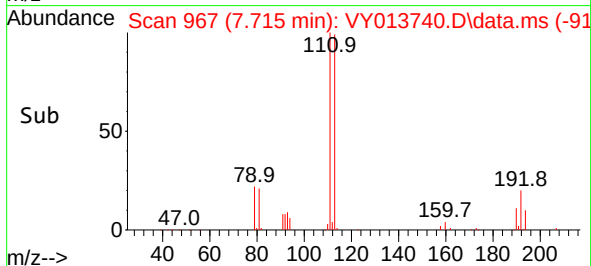
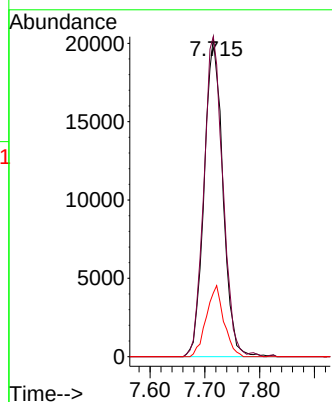
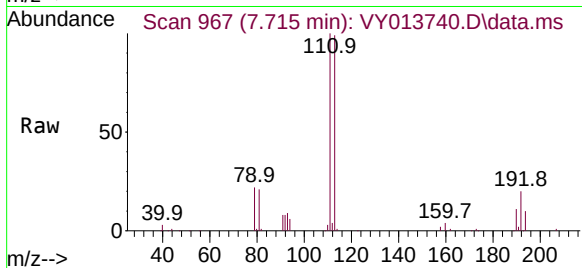
Tgt Ion:113 Resp: 47942

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

192 21.0 16.7 25.1



#50

Toluene-d8

Concen: 53.710 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY013740.D

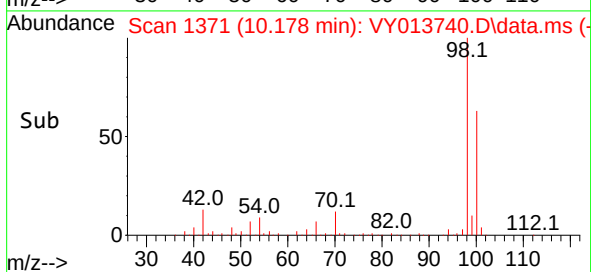
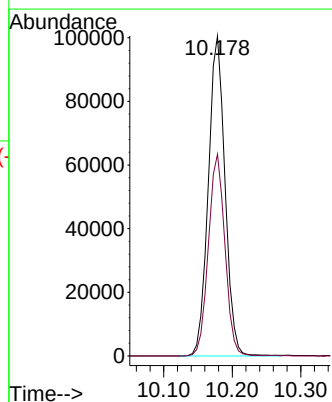
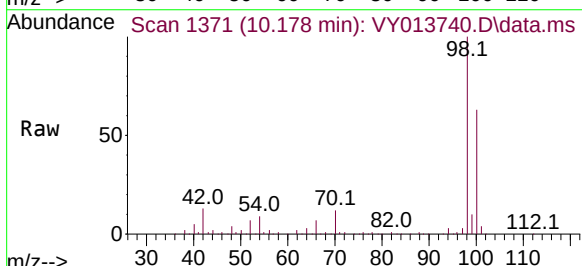
Acq: 15 May 2023 16:50

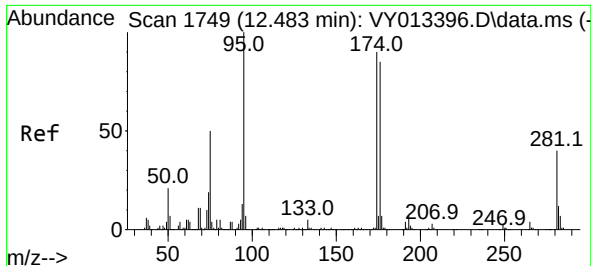
Tgt Ion: 98 Resp: 170633

Ion Ratio Lower Upper

98 100

100 62.3 50.5 75.7

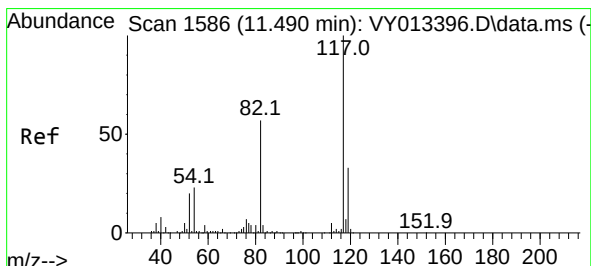
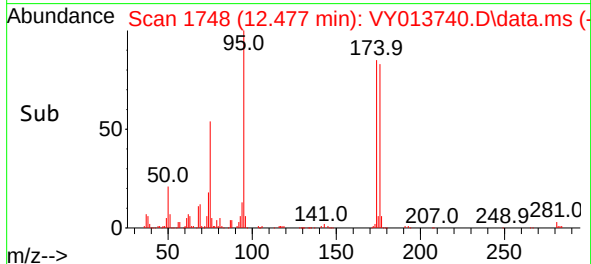
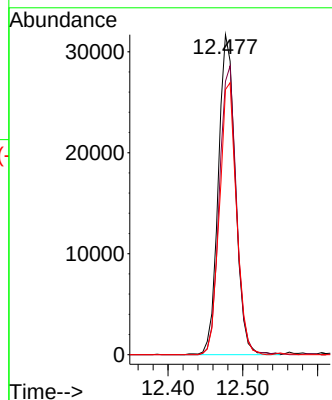
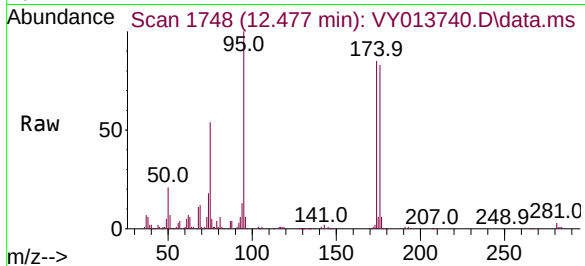




#62
4-Bromofluorobenzene
Concen: 46.939 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013740.D
Acq: 15 May 2023 16:50

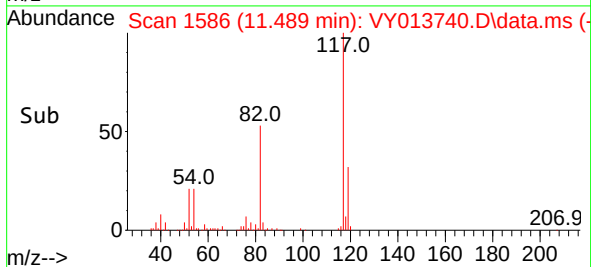
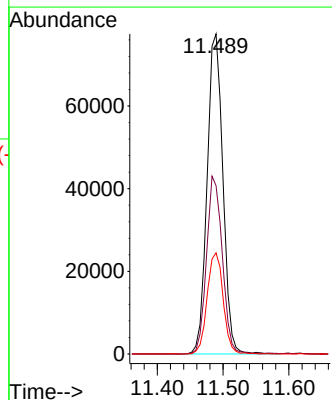
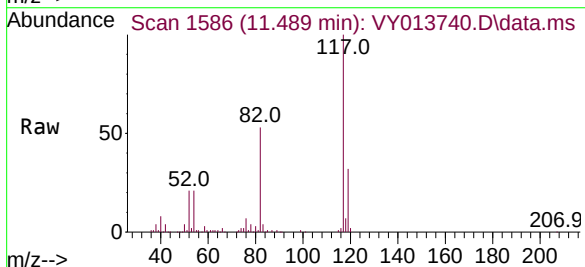
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

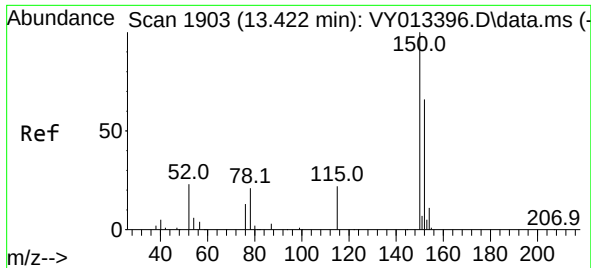
Tgt Ion: 95 Resp: 50272
Ion Ratio Lower Upper
95 100
174 90.2 0.0 182.0
176 84.9 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013740.D
Acq: 15 May 2023 16:50

Tgt Ion: 117 Resp: 129514
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.6
119 31.6 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: VY013740.D

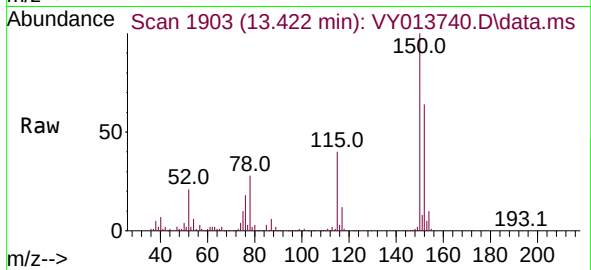
Acq: 15 May 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

WC-1



Tgt Ion:152 Resp: 53829

Ion Ratio Lower Upper

152 100

115 58.0 28.1 84.2

150 154.2 0.0 352.0

