

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018691.D
 Acq On : 25 Jun 2024 16:21
 Operator : SY/MD
 Sample : P3008-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WS-6-21-24

Quant Time: Jun 26 02:38:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

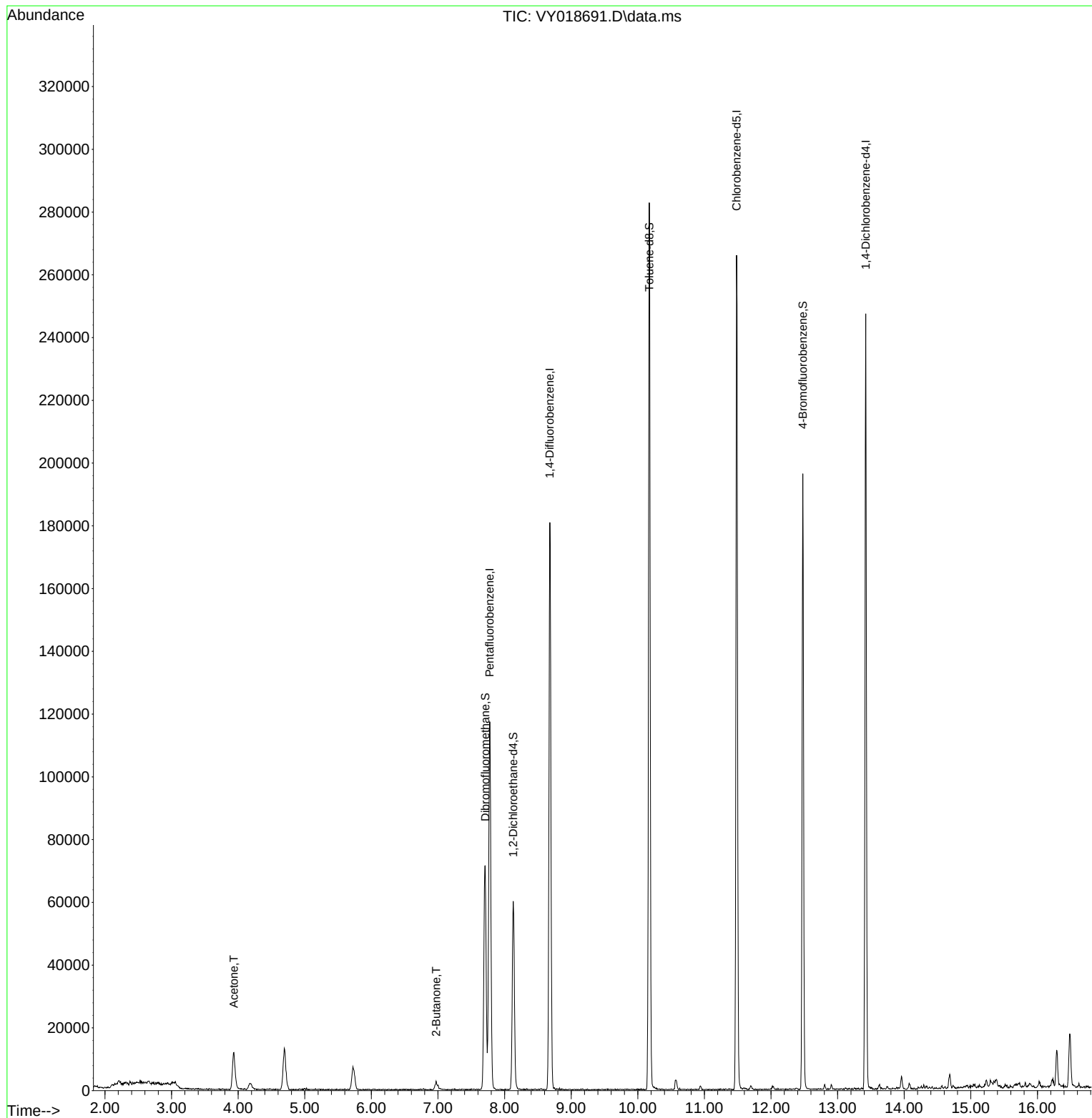
Internal Standards						
1) Pentafluorobenzene	7.777	168	91965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	167321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	150607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47163	50.938	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.880%
35) Dibromofluoromethane	7.710	113	51740	50.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.380%
50) Toluene-d8	10.173	98	189418	48.257	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.520%
62) 4-Bromofluorobenzene	12.477	95	55745	44.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.940%
Target Compounds						Qvalue
16) Acetone	3.936	43	21079	111.899	ug/l #	85
25) 2-Butanone	6.972	43	2505	8.871	ug/l	95

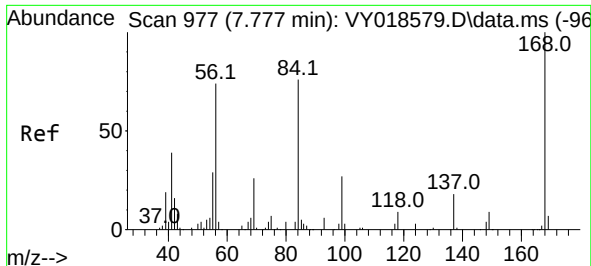
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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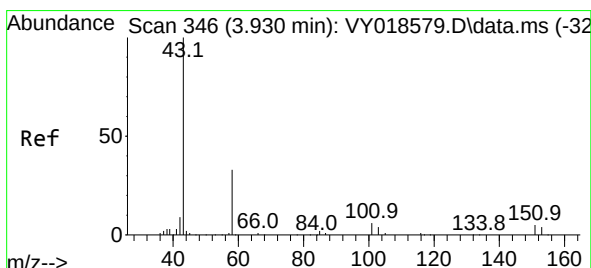
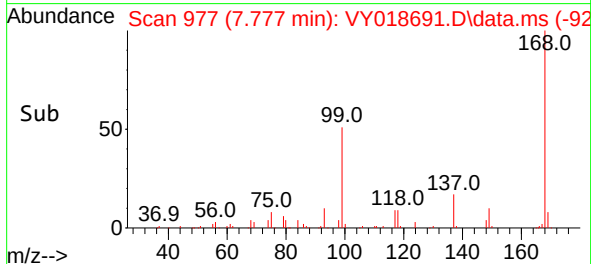
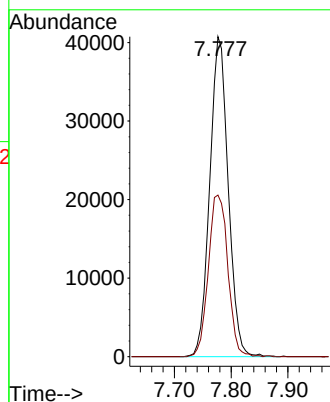
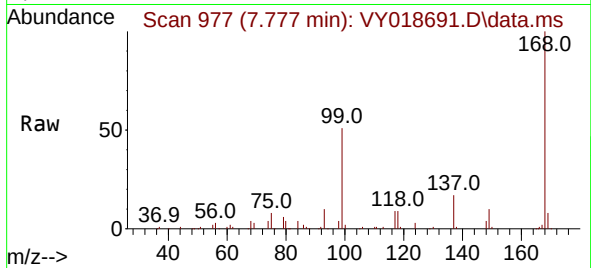




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018691.D
Acq: 25 Jun 2024 16:21

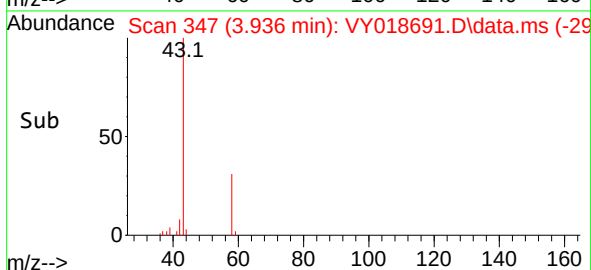
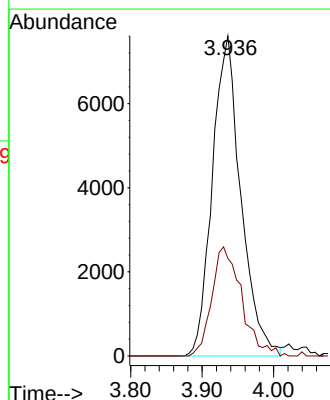
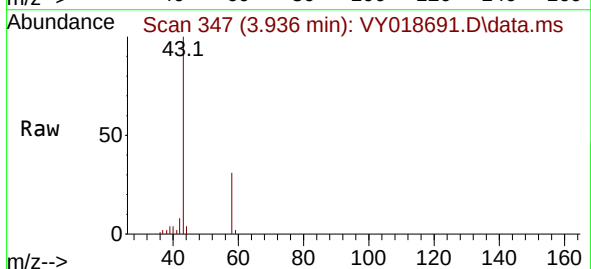
Instrument :
MSVOA_Y
ClientSampleId :
WC-WS-6-21-24

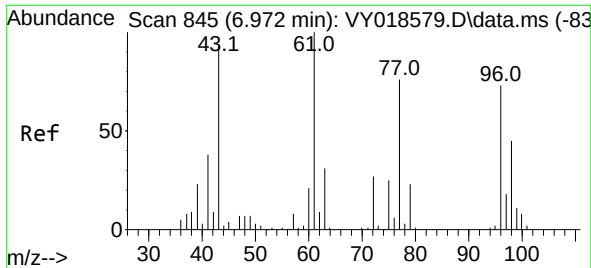
Tgt Ion:168 Resp: 91965
Ion Ratio Lower Upper
168 100
99 50.5 39.1 58.7



#16
Acetone
Concen: 111.899 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018691.D
Acq: 25 Jun 2024 16:21

Tgt Ion: 43 Resp: 21079
Ion Ratio Lower Upper
43 100
58 30.5 31.7 47.5#





#25

2-Butanone

Concen: 8.871 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018691.D

Acq: 25 Jun 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

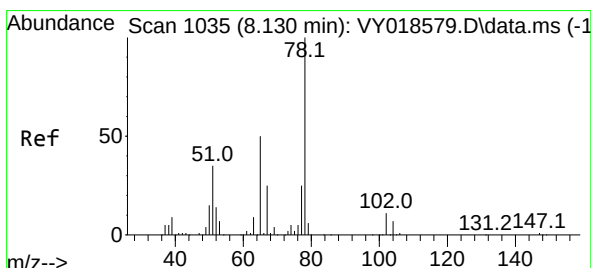
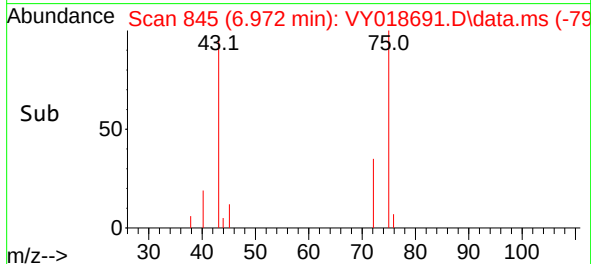
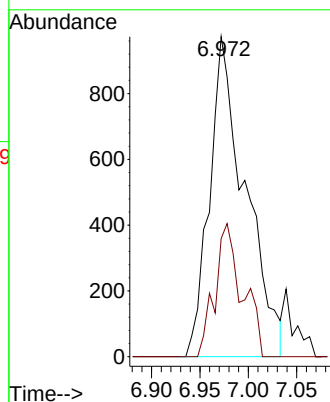
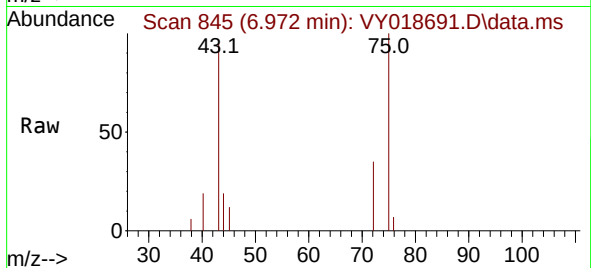
WC-WS-6-21-24

Tgt Ion: 43 Resp: 2505

Ion Ratio Lower Upper

43 100

72 36.9 27.3 40.9



#33

1,2-Dichloroethane-d4

Concen: 50.938 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018691.D

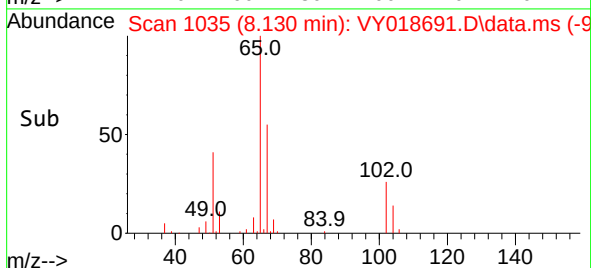
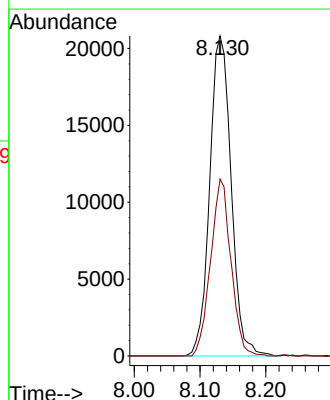
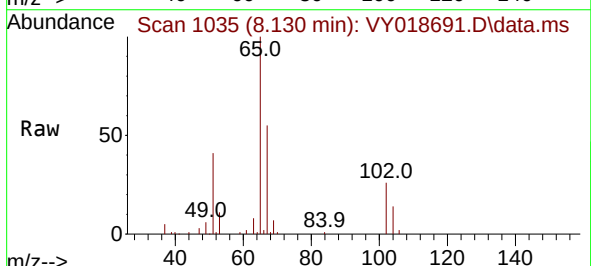
Acq: 25 Jun 2024 16:21

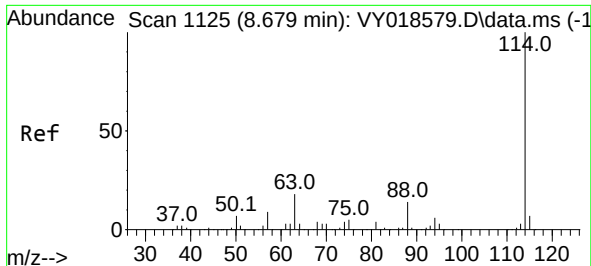
Tgt Ion: 65 Resp: 47163

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018691.D

Acq: 25 Jun 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

WC-WS-6-21-24

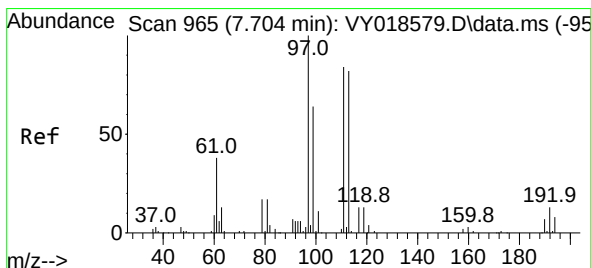
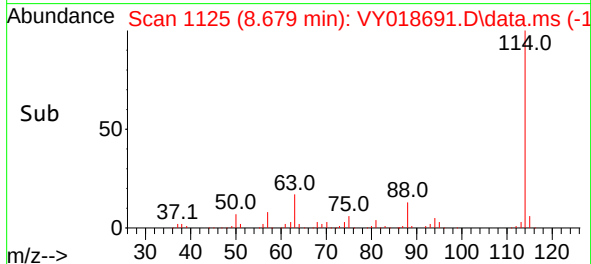
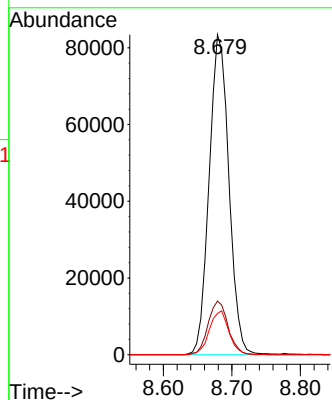
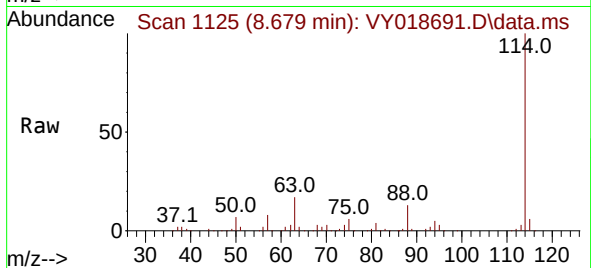
Tgt Ion:114 Resp: 167321

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 12.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.691 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018691.D

Acq: 25 Jun 2024 16:21

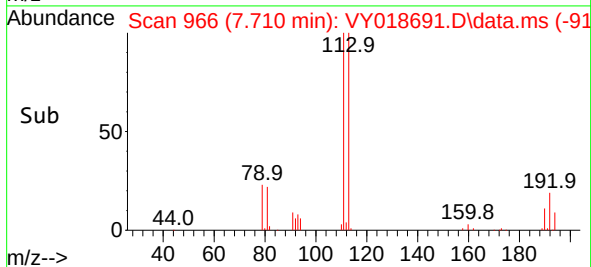
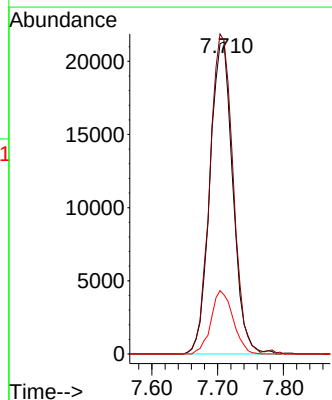
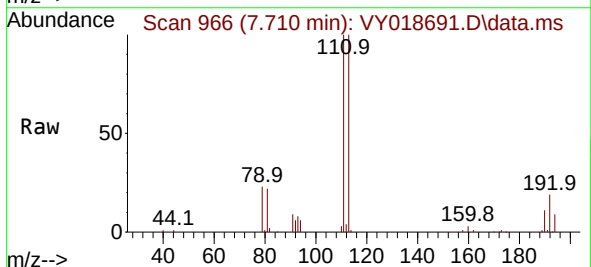
Tgt Ion:113 Resp: 51740

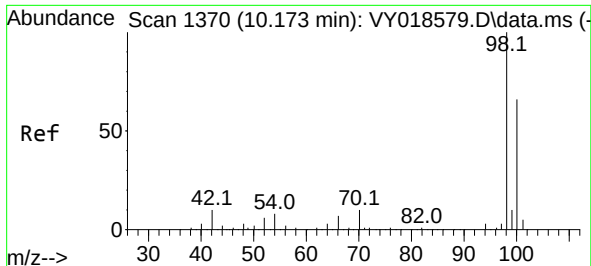
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

192 19.5 15.9 23.9

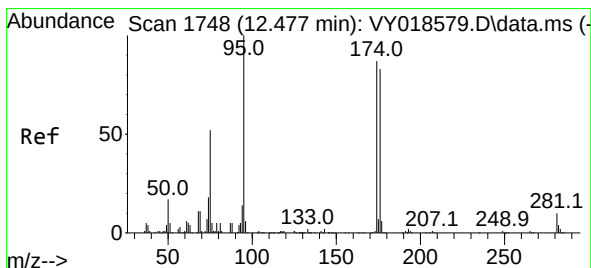
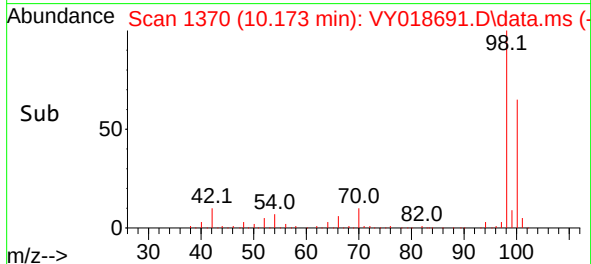
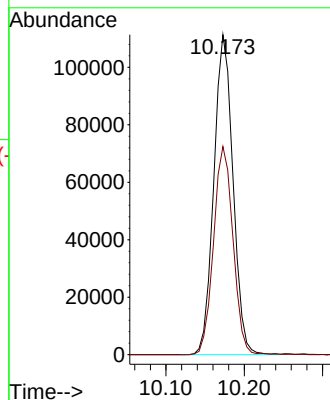
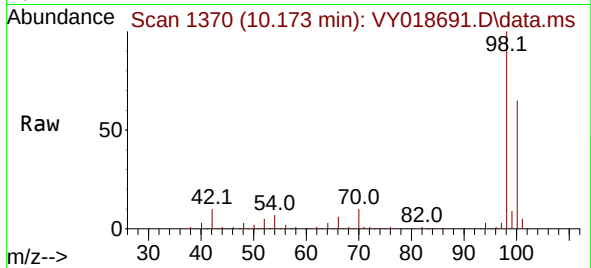




#50
Toluene-d8
Concen: 48.257 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018691.D
Acq: 25 Jun 2024 16:21

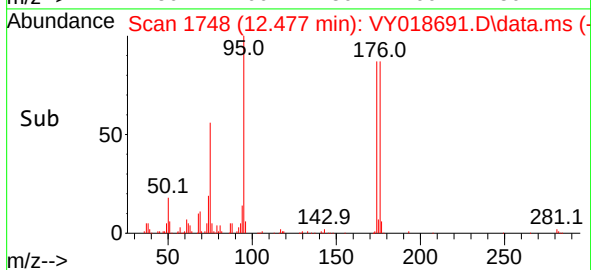
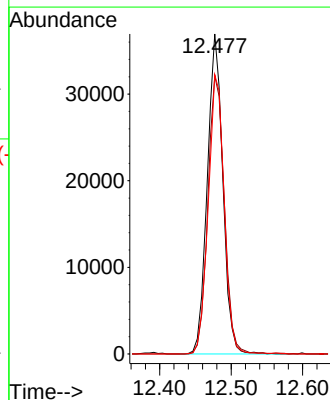
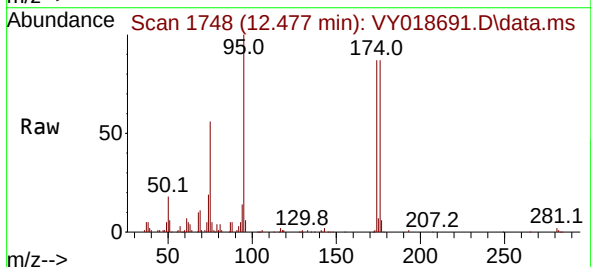
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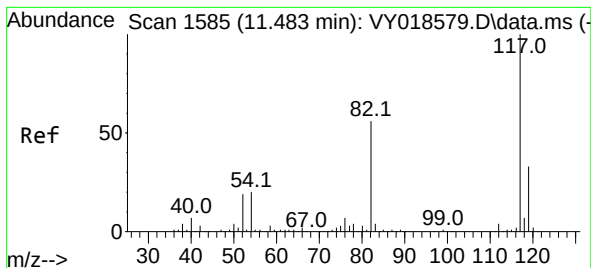
Tgt Ion: 98 Resp: 189418
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.975 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018691.D
Acq: 25 Jun 2024 16:21

Tgt Ion: 95 Resp: 55745
Ion Ratio Lower Upper
95 100
174 91.7 0.0 175.6
176 89.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018691.D

Acq: 25 Jun 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

WC-WS-6-21-24

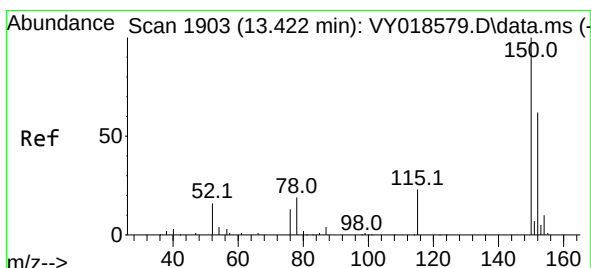
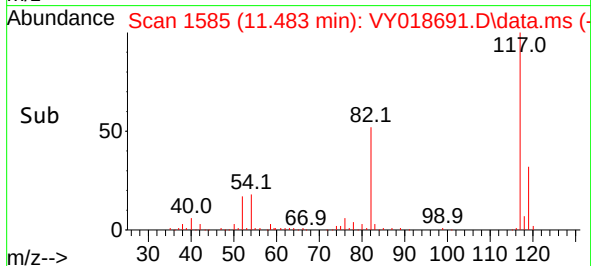
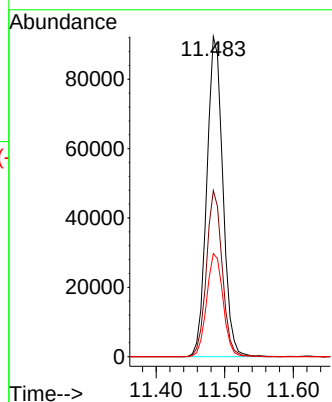
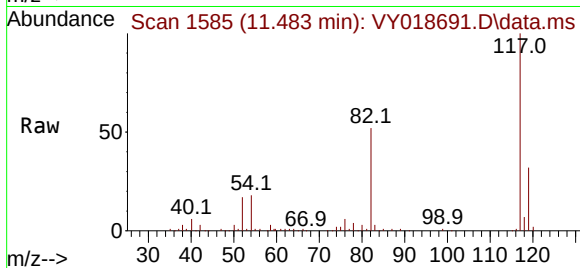
Tgt Ion:117 Resp: 150607

Ion Ratio Lower Upper

117 100

82 51.9 42.4 63.6

119 32.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018691.D

Acq: 25 Jun 2024 16:21

Tgt Ion:152 Resp: 61229

Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 161.8 0.0 345.6

