

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018589.D
 Acq On : 14 Jun 2024 12:49
 Operator : SY/MD
 Sample : P2846-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-061124RE

Quant Time: Jun 14 17:06:24 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)

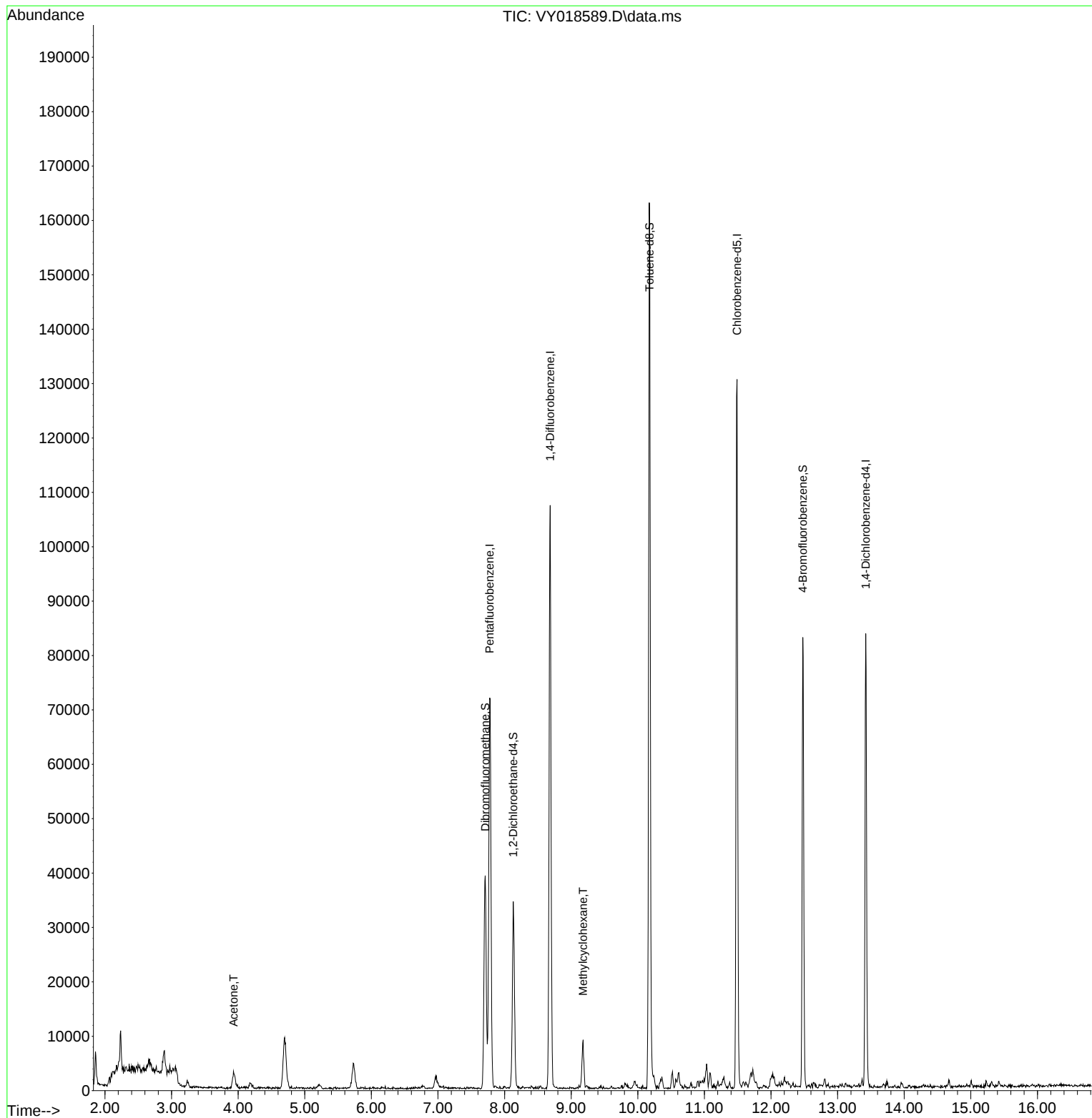
Internal Standards						
1) Pentafluorobenzene	7.776	168	55129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	93626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	73906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	21731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24898	44.859	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.720%		
35) Dibromofluoromethane	7.709	113	27925	48.894	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.780%		
50) Toluene-d8	10.178	98	106370	48.430	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.860%		
62) 4-Bromofluorobenzene	12.477	95	24952	35.977	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	71.960%		
Target Compounds						
16) Acetone	3.930	43	5357	47.440	ug/l	88
39) Methylcyclohexane	9.179	83	3626	3.764	ug/l #	78

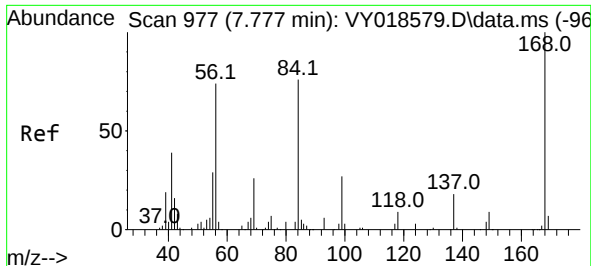
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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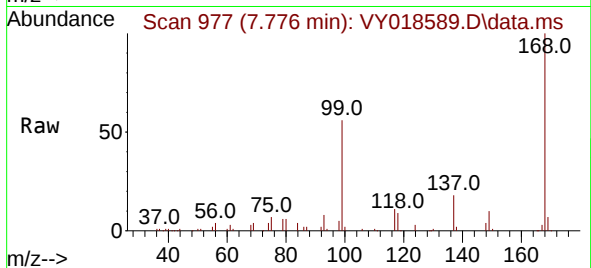
Quant Time: Jun 14 17:06:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
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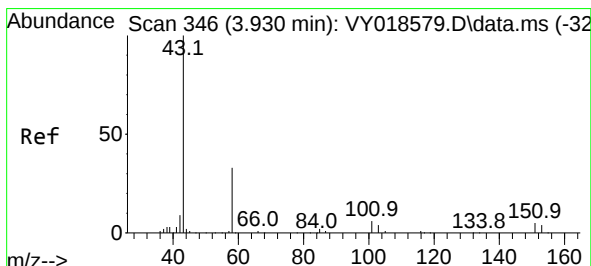
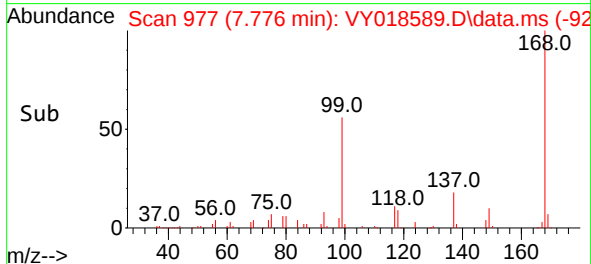
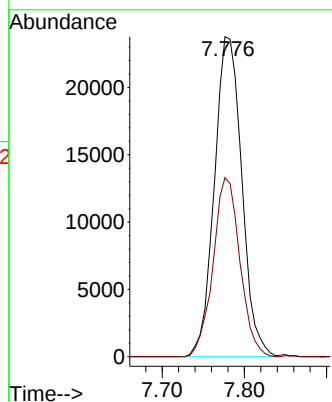


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY018589.D
Acq: 14 Jun 2024 12:49

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-061124RE

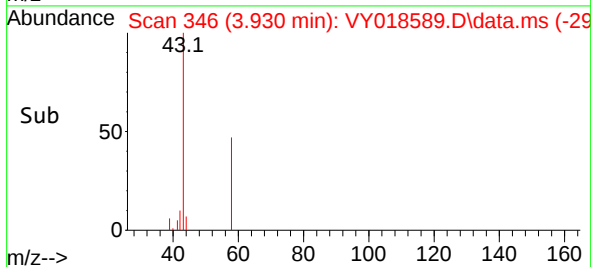
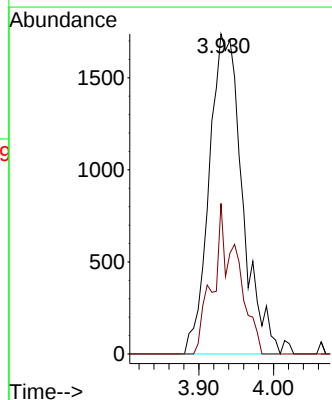
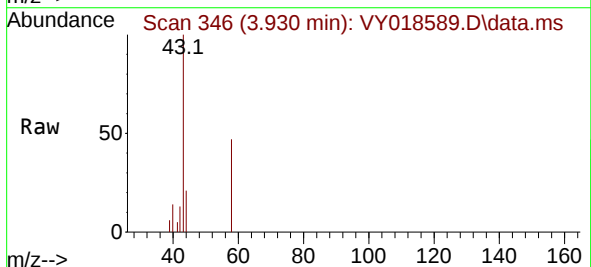


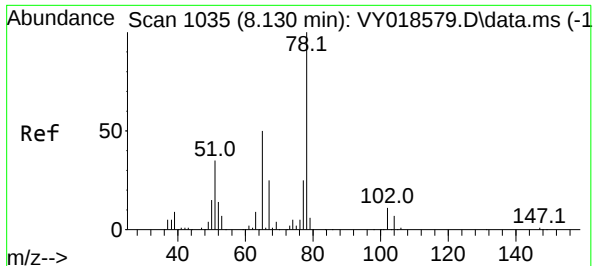
Tgt Ion:168 Resp: 55129
Ion Ratio Lower Upper
168 100
99 55.9 39.1 58.7



#16
Acetone
Concen: 47.440 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY018589.D
Acq: 14 Jun 2024 12:49

Tgt Ion: 43 Resp: 5357
Ion Ratio Lower Upper
43 100
58 47.1 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 44.859 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018589.D

Acq: 14 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

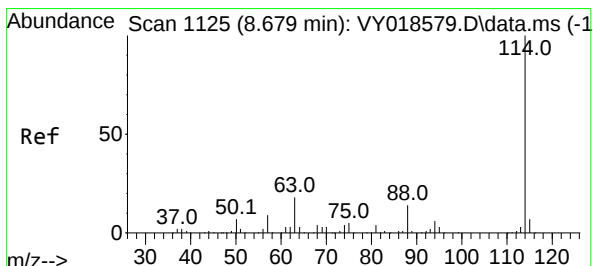
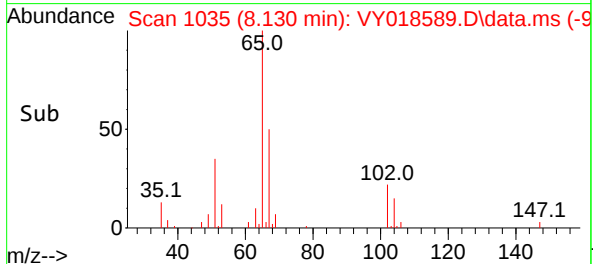
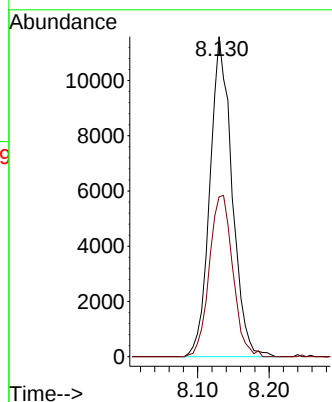
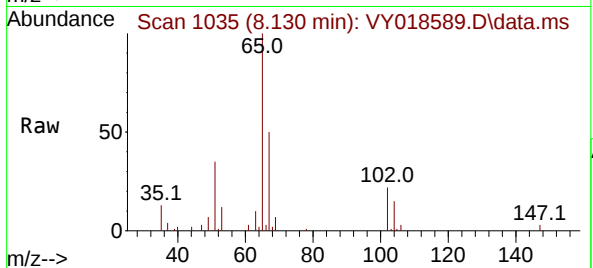
HR-03-061124RE

Tgt Ion: 65 Resp: 24898

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018589.D

Acq: 14 Jun 2024 12:49

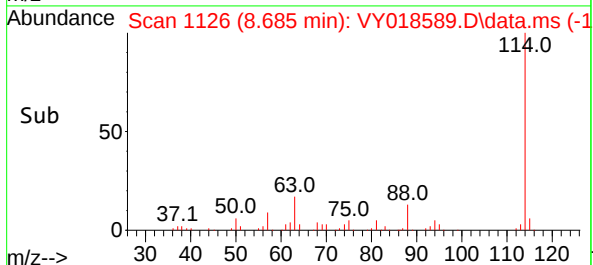
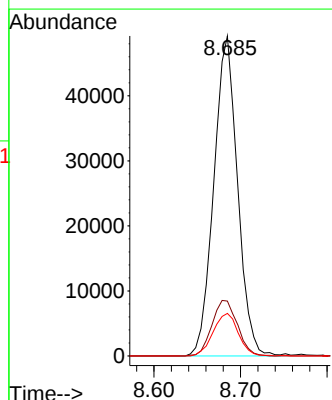
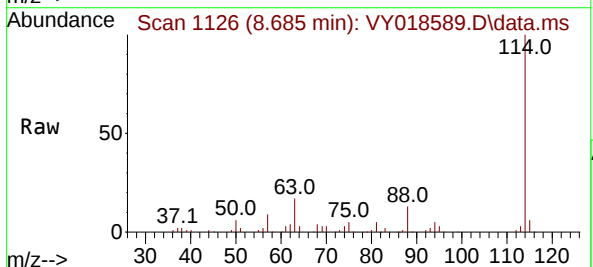
Tgt Ion: 114 Resp: 93626

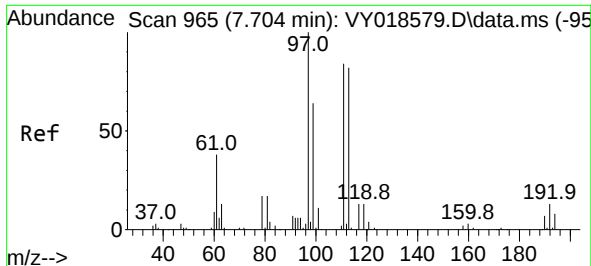
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 13.3 0.0 27.2

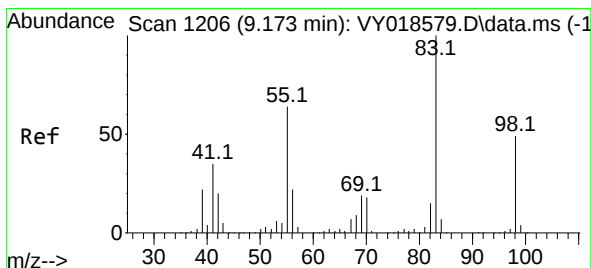
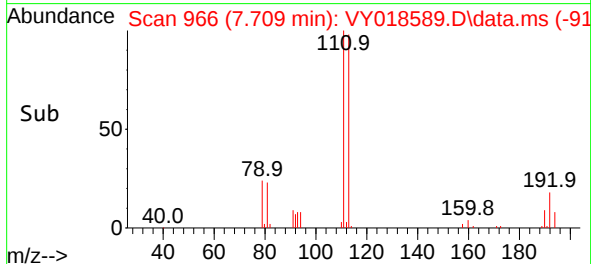
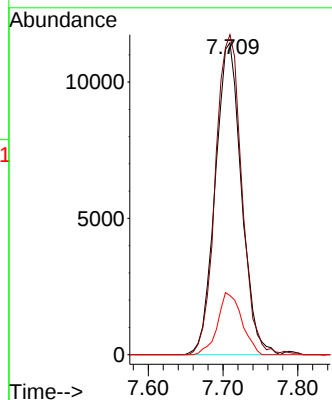
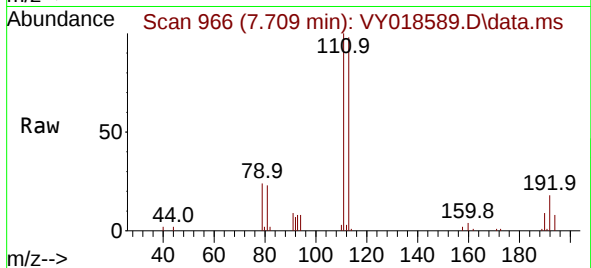




#35
Dibromofluoromethane
Concen: 48.894 ug/l
RT: 7.709 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018589.D
Acq: 14 Jun 2024 12:49

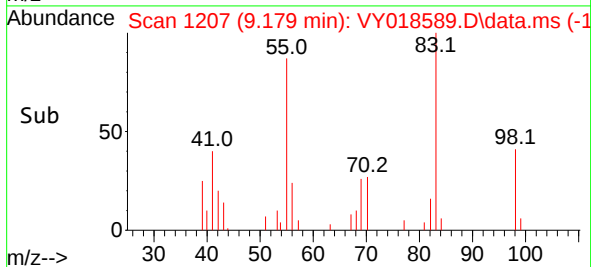
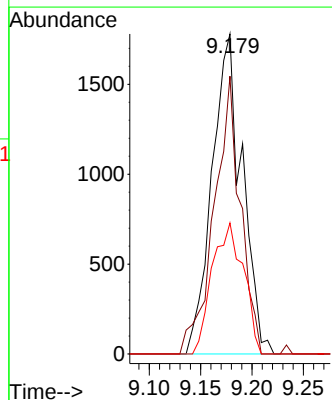
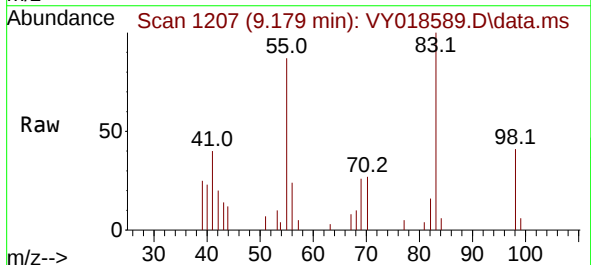
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-061124RE

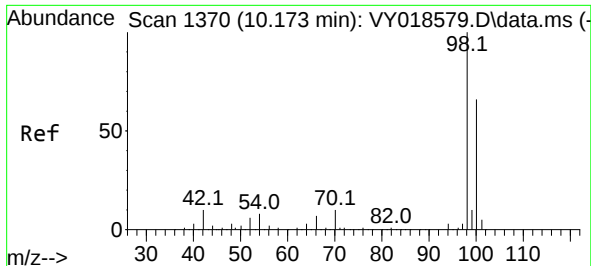
Tgt Ion:113 Resp: 27925
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 18.3 15.9 23.9



#39
Methylcyclohexane
Concen: 3.764 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.006 min
Lab File: VY018589.D
Acq: 14 Jun 2024 12:49

Tgt Ion: 83 Resp: 3626
Ion Ratio Lower Upper
83 100
55 86.8 51.5 77.3#
98 41.0 40.5 60.7





#50

Toluene-d8

Concen: 48.430 ug/l

RT: 10.178 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018589.D

Acq: 14 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

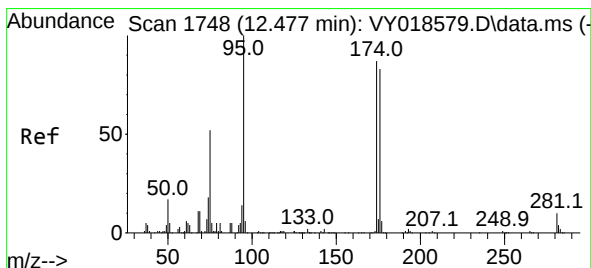
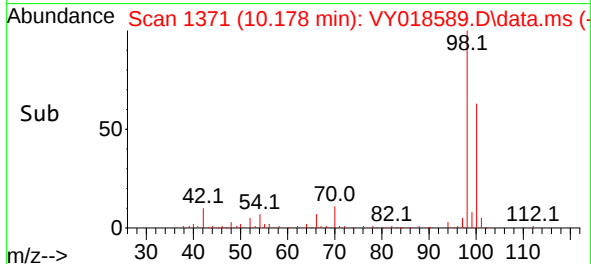
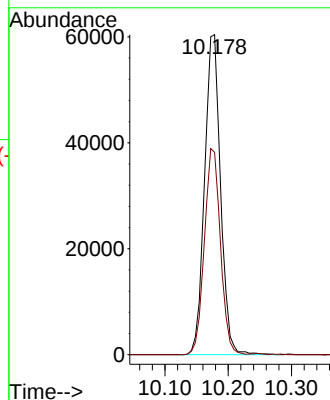
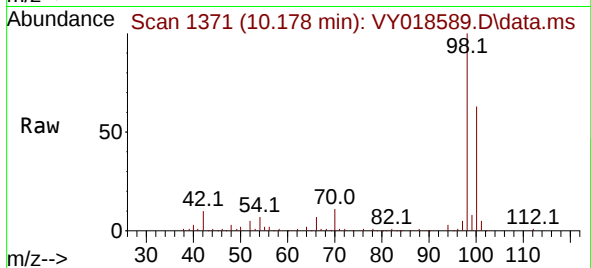
HR-03-061124RE

Tgt Ion: 98 Resp: 106370

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.977 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018589.D

Acq: 14 Jun 2024 12:49

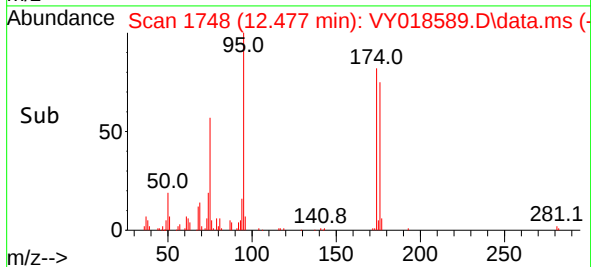
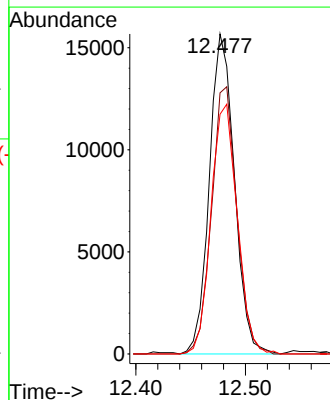
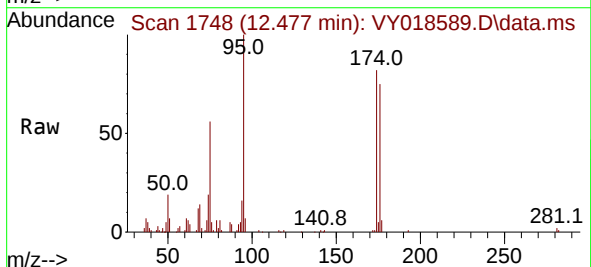
Tgt Ion: 95 Resp: 24952

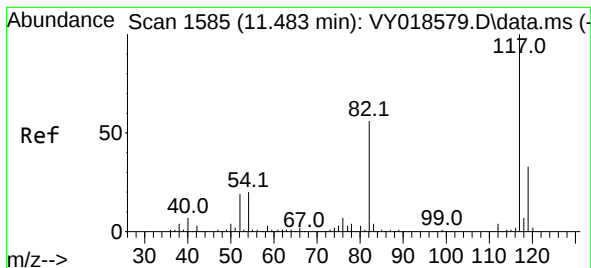
Ion Ratio Lower Upper

95 100

174 84.3 0.0 175.6

176 81.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018589.D

Acq: 14 Jun 2024 12:49

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-061124RE

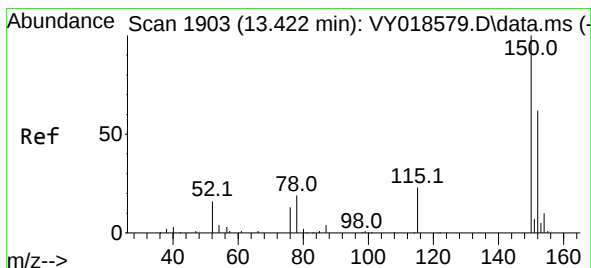
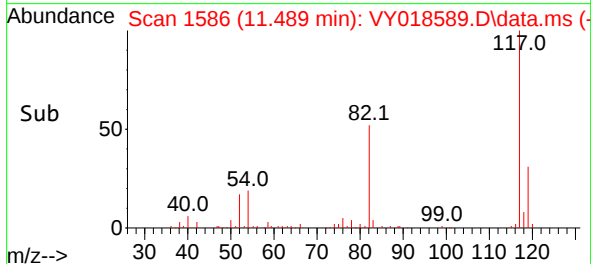
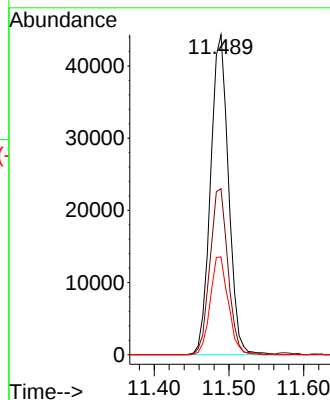
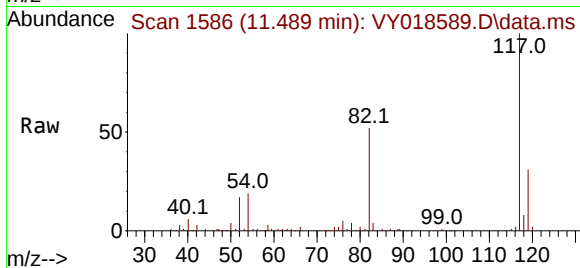
Tgt Ion:117 Resp: 73906

Ion Ratio Lower Upper

117 100

82 51.9 42.4 63.6

119 30.6 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: VY018589.D

Acq: 14 Jun 2024 12:49

Tgt Ion:152 Resp: 21731

Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

150 161.6 0.0 345.6

