

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
 Data File : VY018158.D
 Acq On : 06 May 2024 12:59
 Operator : SY/MD
 Sample : P2354-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 V359

Quant Time: May 06 23:46:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

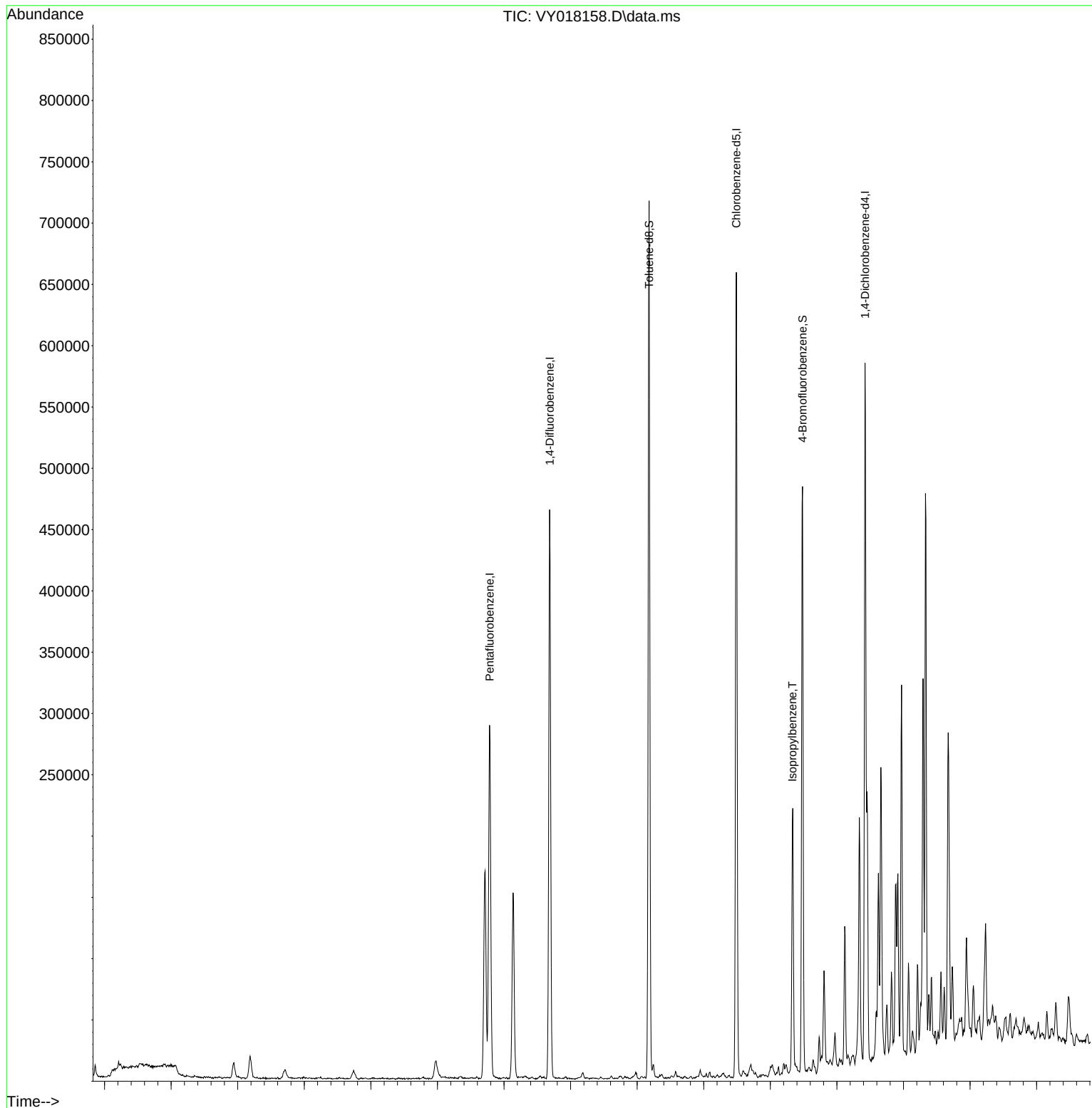
Internal Standards						
1) Pentafluorobenzene	7.783	168	235391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	425775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	384372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	107602	57.993	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	115.980%		
35) Dibromofluoromethane	7.710	113	121843	49.797	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.600%		
50) Toluene-d8	10.179	98	474353	49.659	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.320%		
62) 4-Bromofluorobenzene	12.483	95	151084	45.960	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.920%		
Target Compounds						
16) Acetone	3.942	43	21040	59.524	ug/l #	85
17) Carbon Disulfide	4.186	76	32495	4.836	ug/l #	90
73) Isopropylbenzene	12.331	105	15632	1.353	ug/l	79
80) 1,3,5-Trimethylbenzene	12.813	105	18907	2.030	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	61618	6.755	ug/l	100

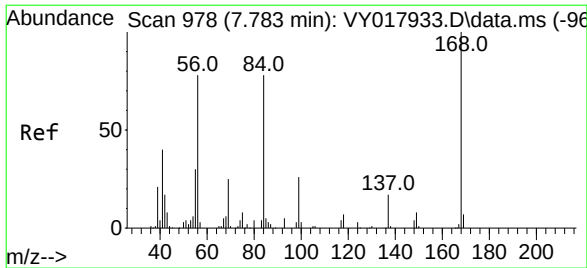
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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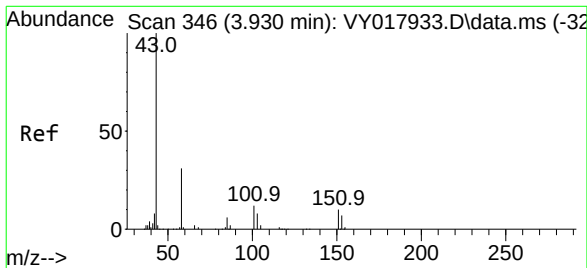
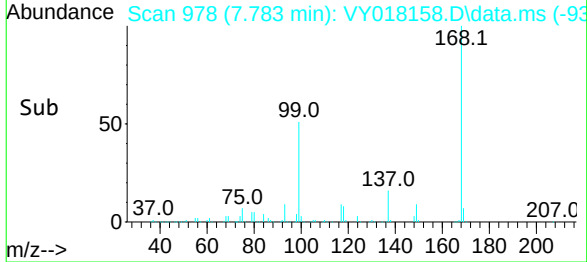
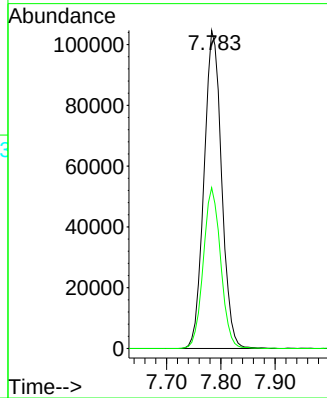
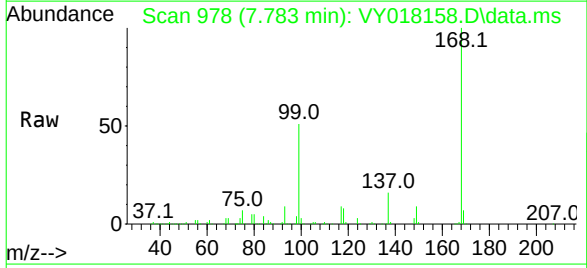




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018158.D
Acq: 06 May 2024 12:59

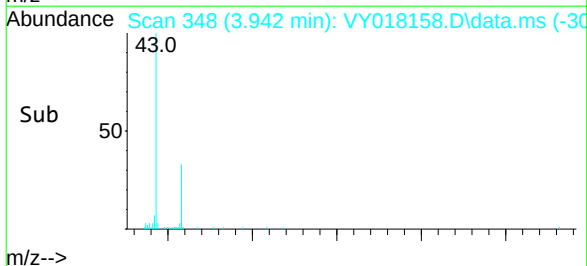
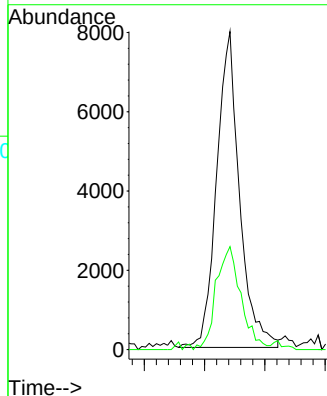
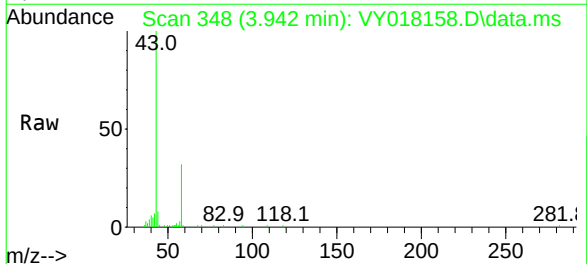
Instrument :
MSVOA_Y
ClientSampleId :
V359

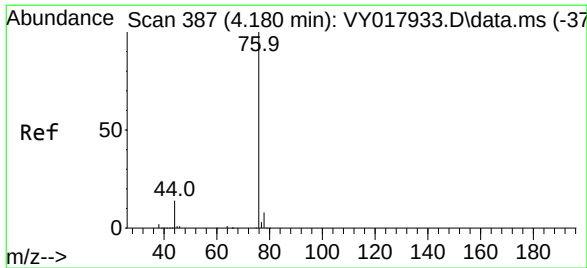
Tgt Ion:168 Resp: 235391
Ion Ratio Lower Upper
168 100
99 50.6 39.1 58.7



#16
Acetone
Concen: 59.524 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018158.D
Acq: 06 May 2024 12:59

Tgt Ion: 43 Resp: 21040
Ion Ratio Lower Upper
43 100
58 30.2 31.7 47.5#





#17

Carbon Disulfide

Concen: 4.836 ug/l

RT: 4.186 min Scan# 38

Delta R.T. -0.006 min

Lab File: VY018158.D

Acq: 06 May 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

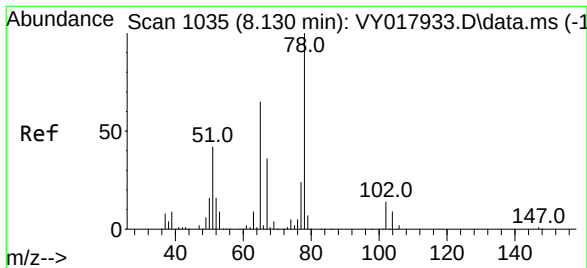
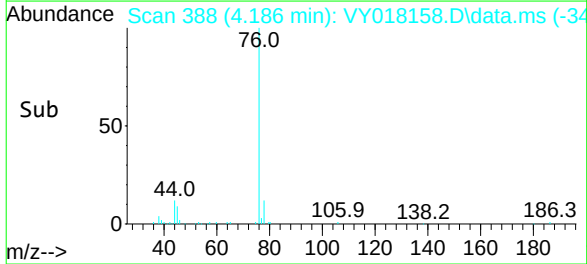
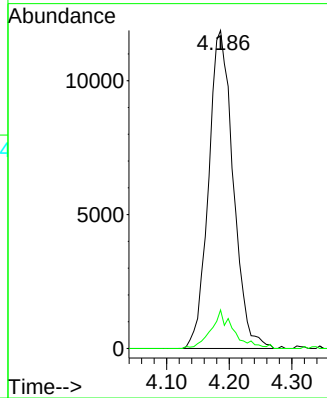
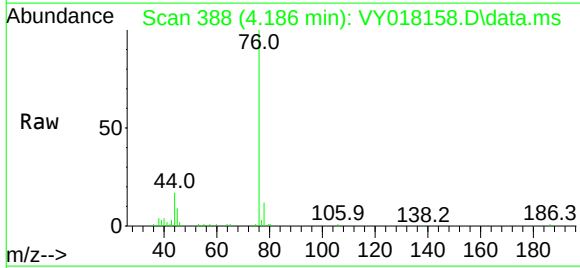
V359

Tgt Ion: 76 Resp: 32495

Ion Ratio Lower Upper

76 100

78 12.1 6.8 10.2#



#33

1,2-Dichloroethane-d4

Concen: 57.993 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VY018158.D

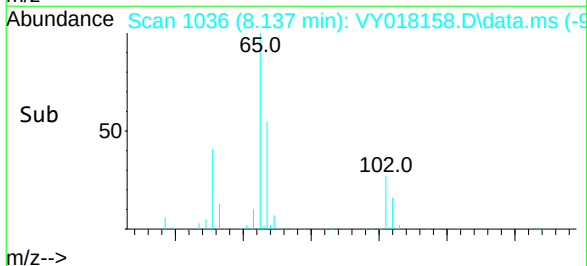
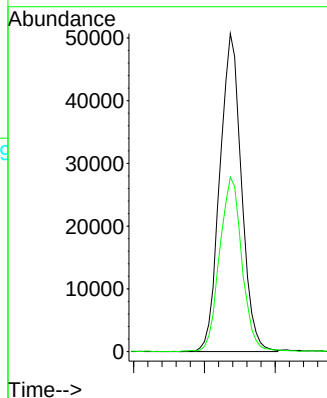
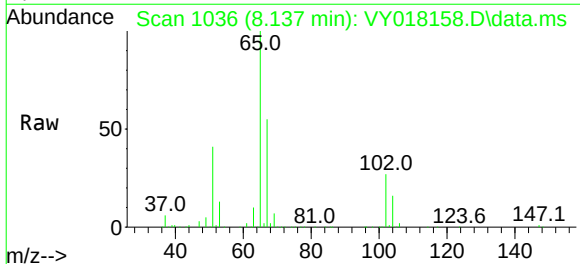
Acq: 06 May 2024 12:59

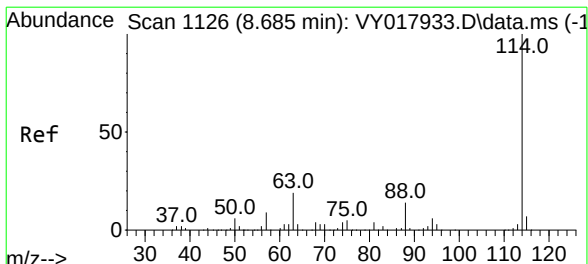
Tgt Ion: 65 Resp: 107602

Ion Ratio Lower Upper

65 100

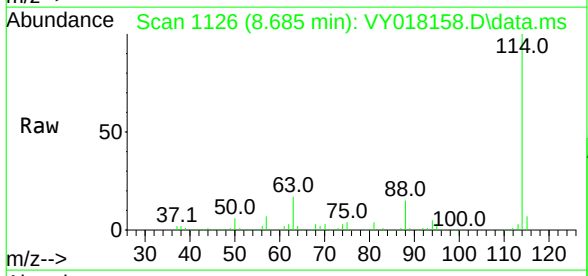
67 56.8 0.0 109.6



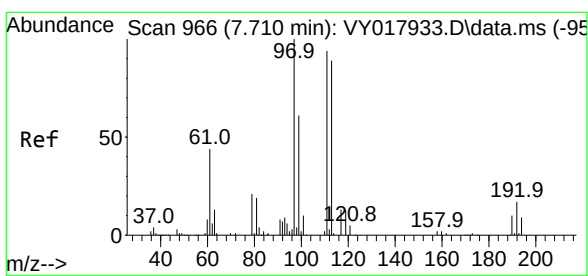
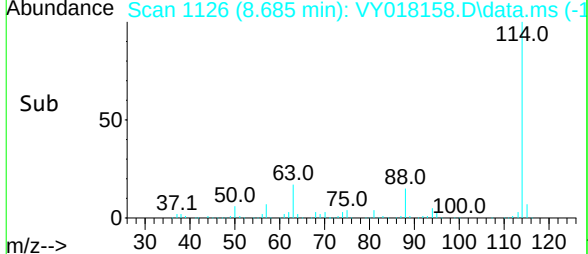
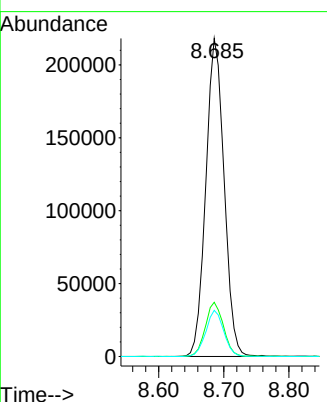


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: VY018158.D
 Acq: 06 May 2024 12:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 V359

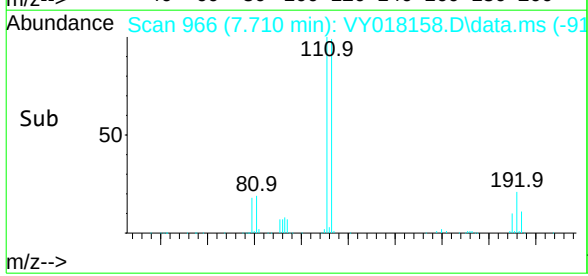
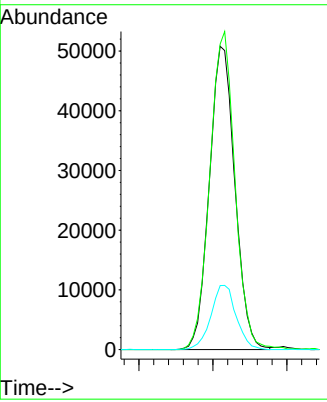
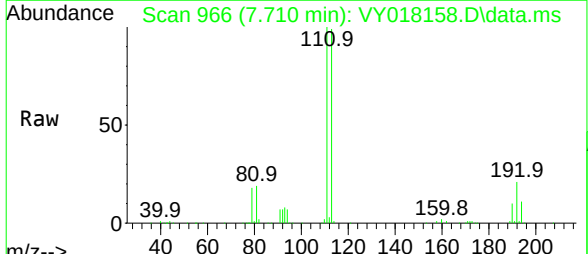


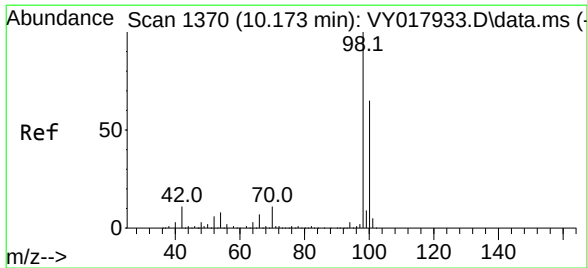
Tgt Ion:	114	Resp:	425775
Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	35.0
88	14.5	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 49.797 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.012 min
 Lab File: VY018158.D
 Acq: 06 May 2024 12:59

Tgt Ion:	113	Resp:	121843
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	21.0	15.9	23.9





#50

Toluene-d8

Concen: 49.659 ug/l

RT: 10.179 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY018158.D

Acq: 06 May 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

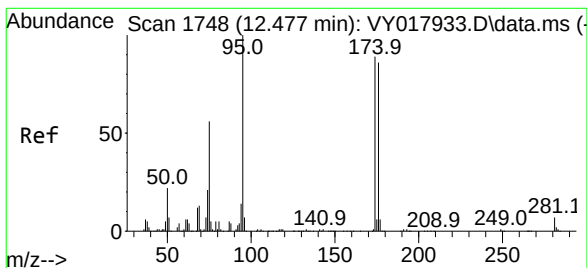
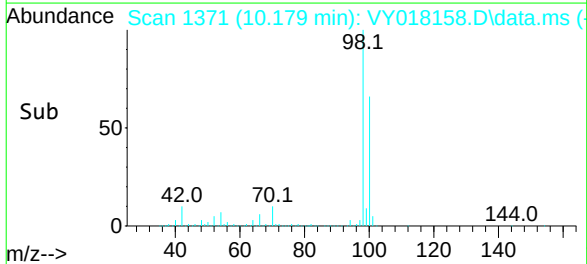
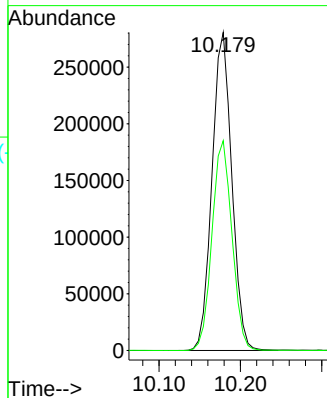
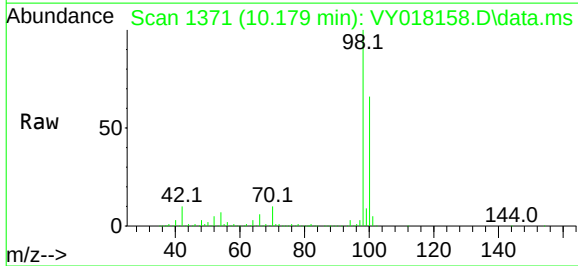
V359

Tgt Ion: 98 Resp: 474353

Ion Ratio Lower Upper

98 100

100 66.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.960 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018158.D

Acq: 06 May 2024 12:59

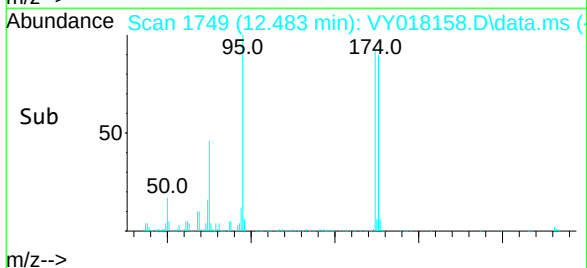
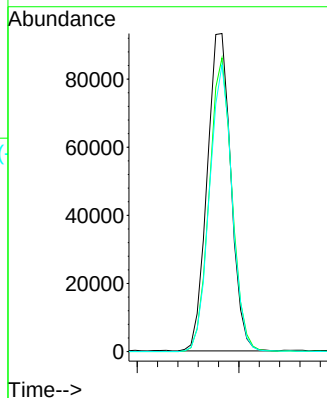
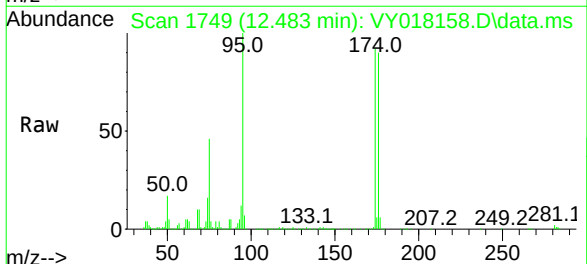
Tgt Ion: 95 Resp: 151084

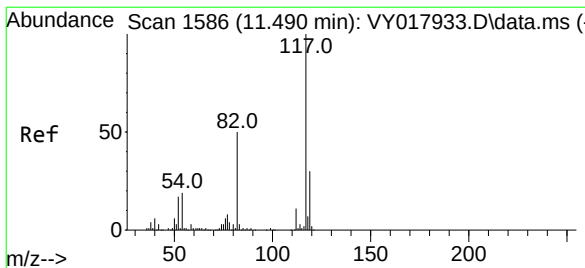
Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.6

176 86.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY018158.D

Acq: 06 May 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

V359

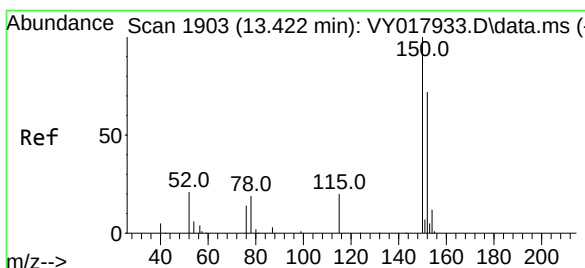
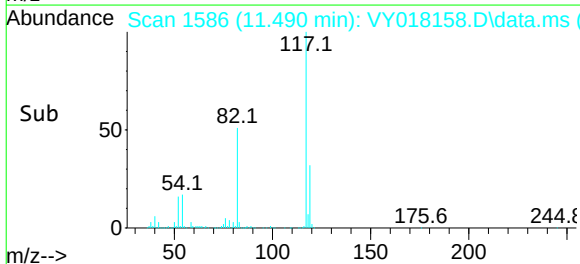
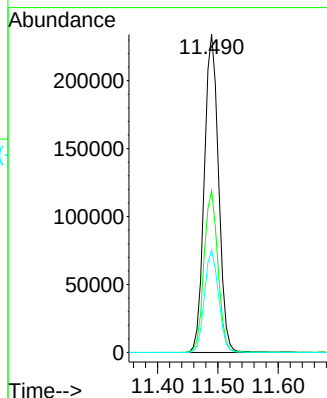
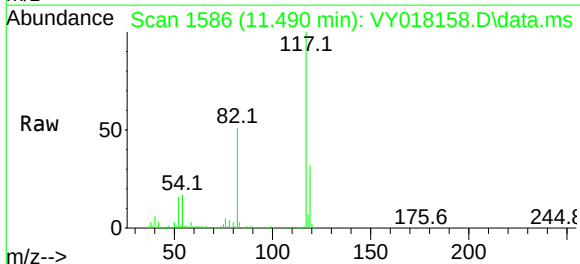
Tgt Ion:117 Resp: 384372

Ion Ratio Lower Upper

117 100

82 50.9 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. -0.006 min

Lab File: VY018158.D

Acq: 06 May 2024 12:59

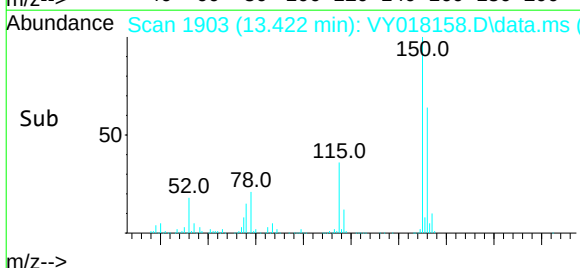
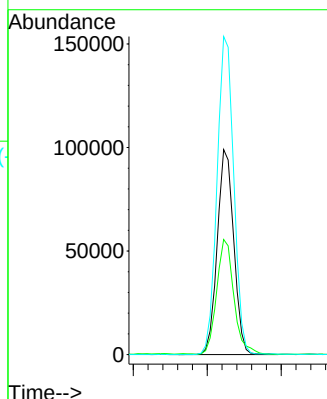
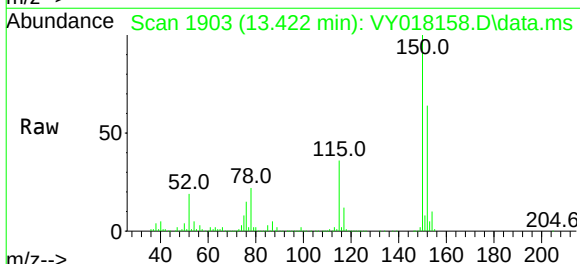
Tgt Ion:152 Resp: 153512

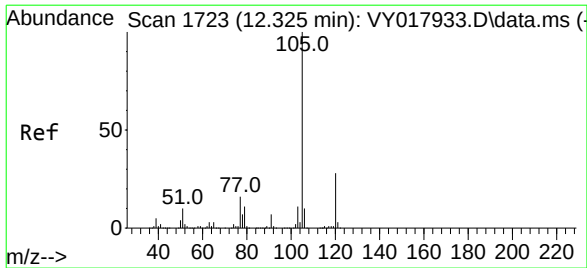
Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 157.0 0.0 345.6





#73

Isopropylbenzene

Concen: 1.353 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY018158.D

Acq: 06 May 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

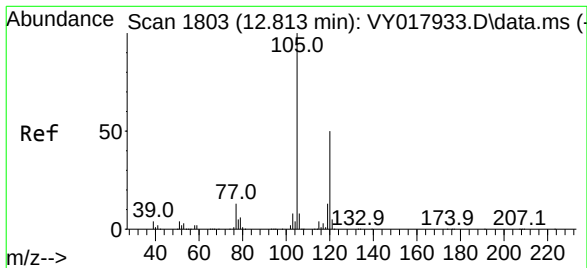
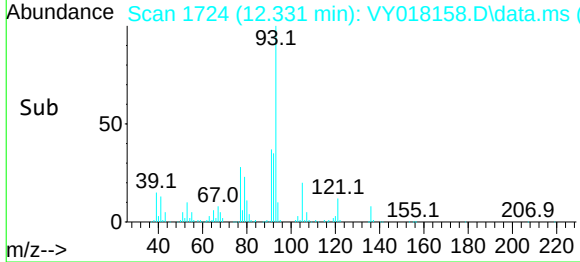
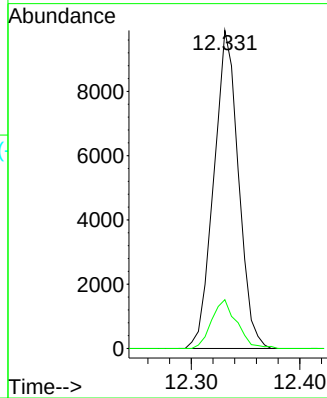
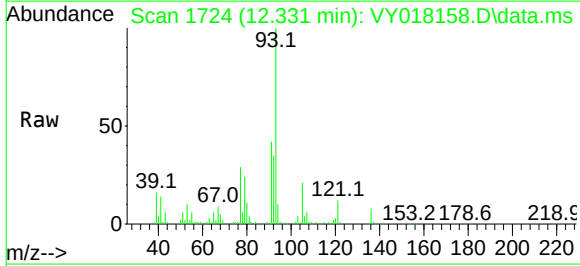
V359

Tgt Ion:105 Resp: 15632

Ion Ratio Lower Upper

105 100

120 15.7 13.4 40.1



#80

1,3,5-Trimethylbenzene

Concen: 2.030 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY018158.D

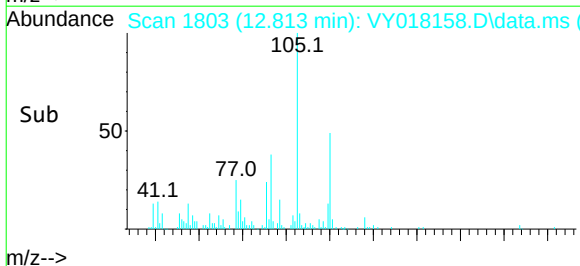
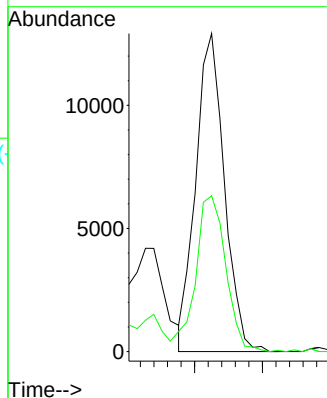
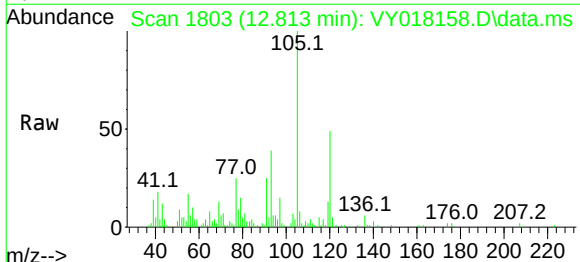
Acq: 06 May 2024 12:59

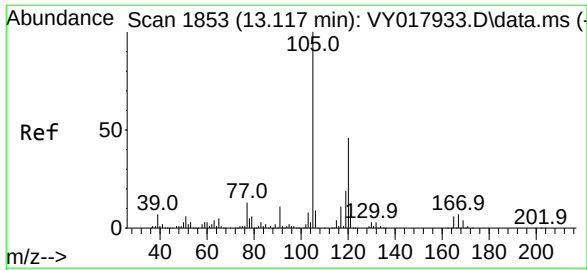
Tgt Ion:105 Resp: 18907

Ion Ratio Lower Upper

105 100

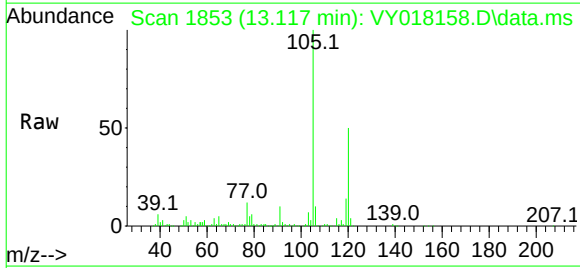
120 51.7 25.1 75.2





#84
1,2,4-Trimethylbenzene
Concen: 6.755 ug/l
RT: 13.117 min Scan# 18
Delta R.T. 0.000 min
Lab File: VY018158.D
Acq: 06 May 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :
V359



Tgt Ion:105 Resp: 61618
Ion Ratio Lower Upper
105 100
120 46.3 23.2 69.6

