

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071824\
 Data File : VY018863.D
 Acq On : 18 Jul 2024 14:30
 Operator : SY/MD
 Sample : P3266-05
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

Quant Time: Jul 19 01:39:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

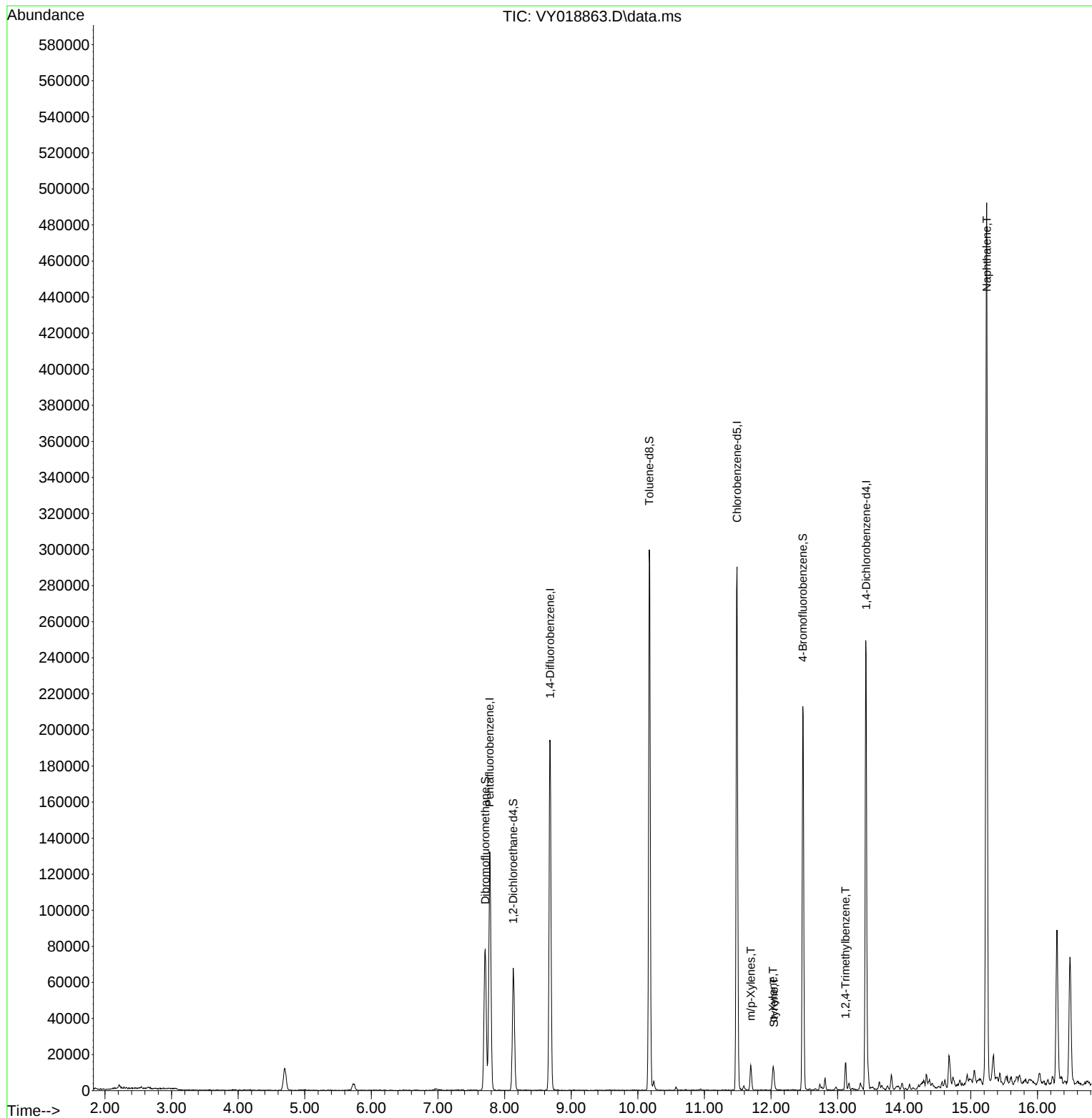
Internal Standards						
1) Pentafluorobenzene	7.777	168	101100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	174118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	159806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	51566	51.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.660%
35) Dibromofluoromethane	7.710	113	54447	49.927	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.860%
50) Toluene-d8	10.173	98	196525	47.566	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.140%
62) 4-Bromofluorobenzene	12.477	95	63493	45.000	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.000%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.697	106	4040	1.743	ug/l	98
69) o-Xylene	12.032	106	2762	1.268	ug/l	91
70) Styrene	12.044	104	3995	1.099	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	8224	2.167	ug/l	100
95) Naphthalene	15.239	128	407918	206.087	ug/l	100

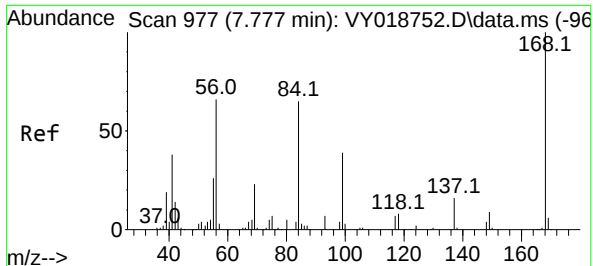
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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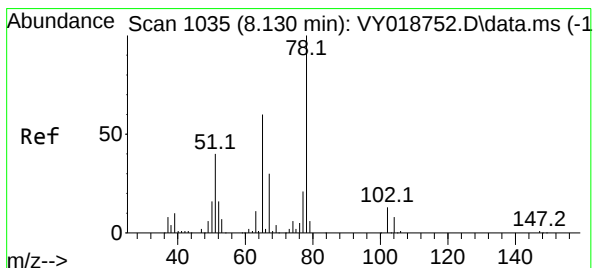
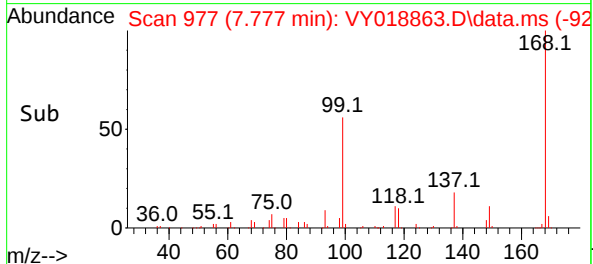
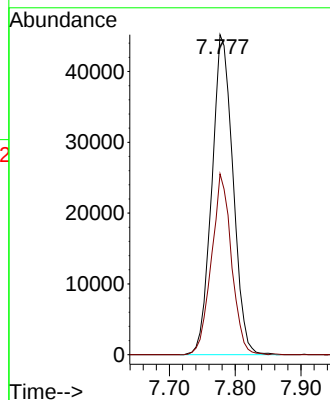
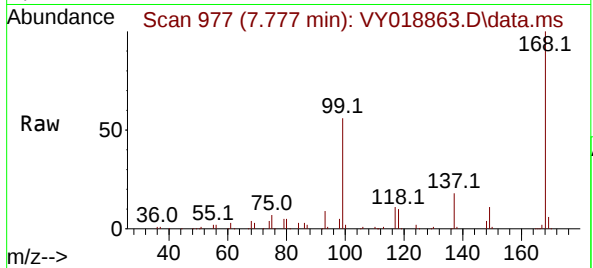




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018863.D
Acq: 18 Jul 2024 14:30

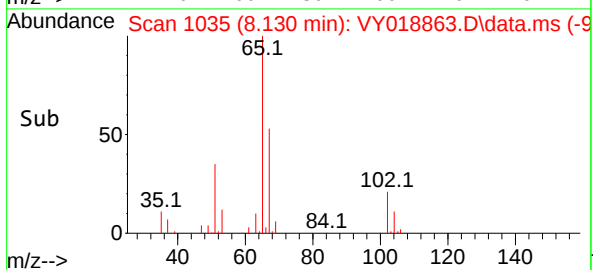
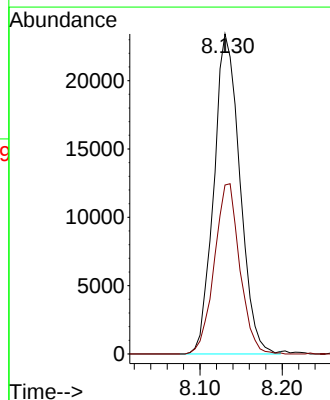
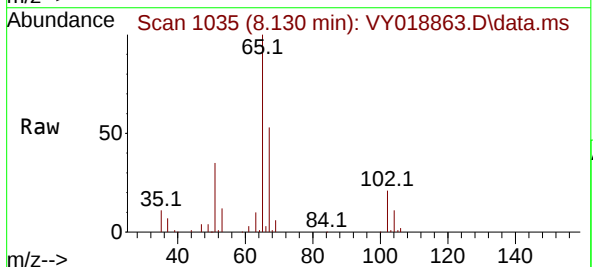
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

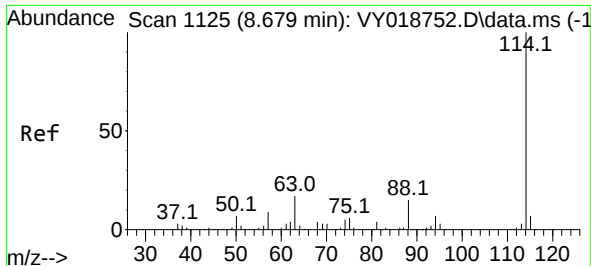
Tgt Ion:168 Resp: 101100
Ion Ratio Lower Upper
168 100
99 56.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.833 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018863.D
Acq: 18 Jul 2024 14:30

Tgt Ion: 65 Resp: 51566
Ion Ratio Lower Upper
65 100
67 52.0 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: VY018863.D

Acq: 18 Jul 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

SP-2

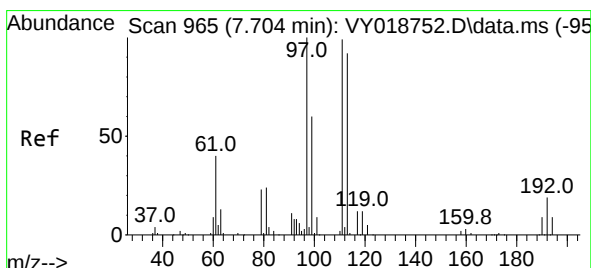
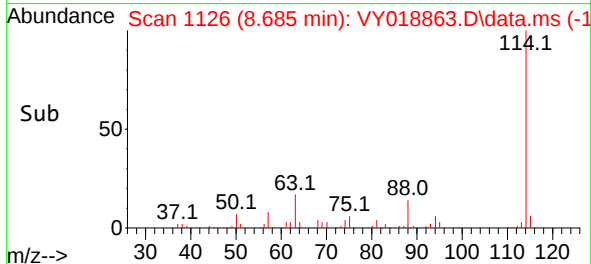
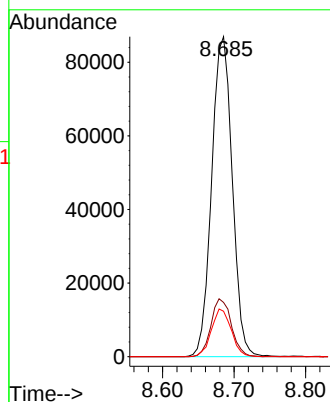
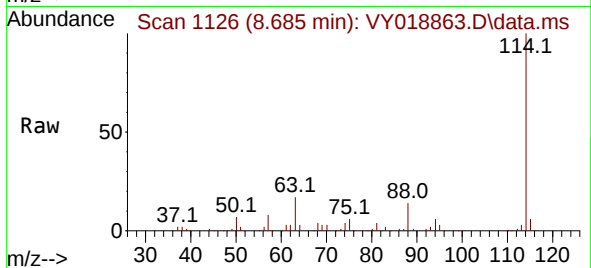
Tgt Ion:114 Resp: 174118

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.927 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018863.D

Acq: 18 Jul 2024 14:30

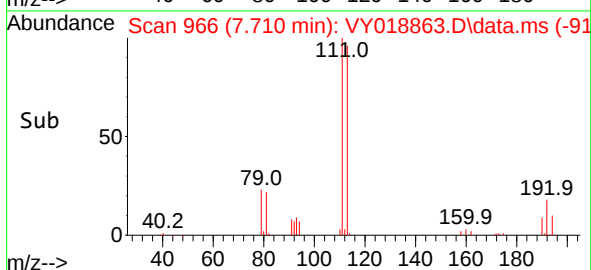
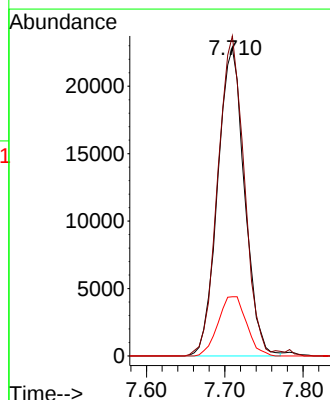
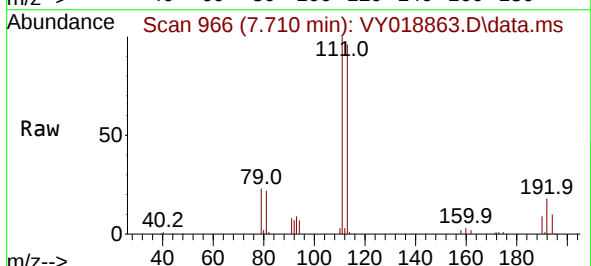
Tgt Ion:113 Resp: 54447

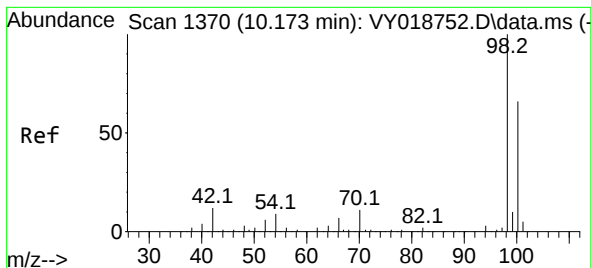
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 20.3 15.9 23.9





#50

Toluene-d8

Concen: 47.566 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018863.D

Acq: 18 Jul 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

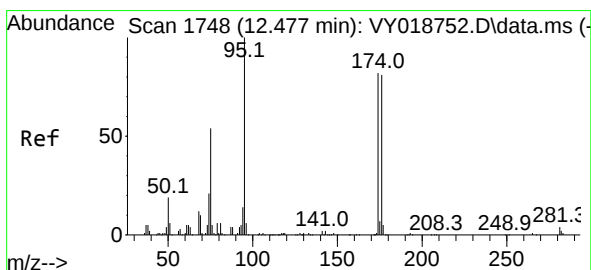
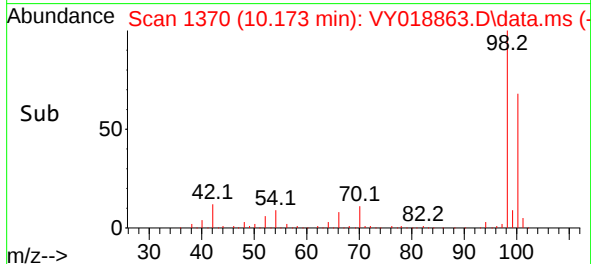
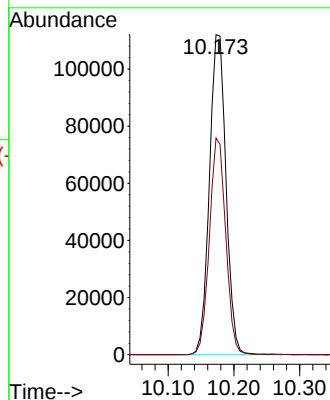
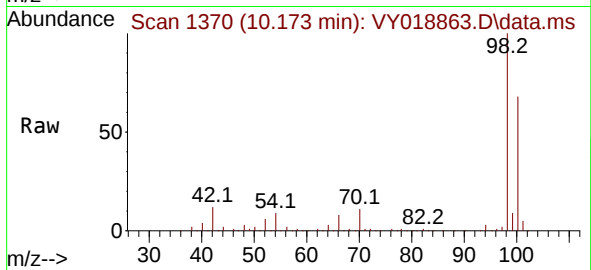
SP-2

Tgt Ion: 98 Resp: 196525

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.000 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018863.D

Acq: 18 Jul 2024 14:30

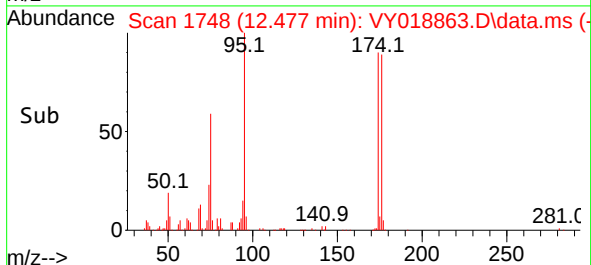
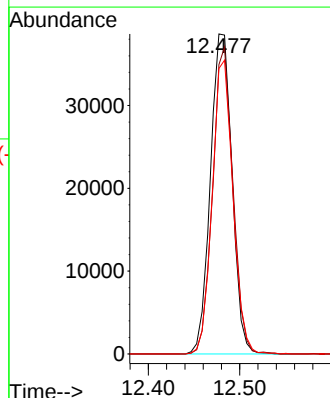
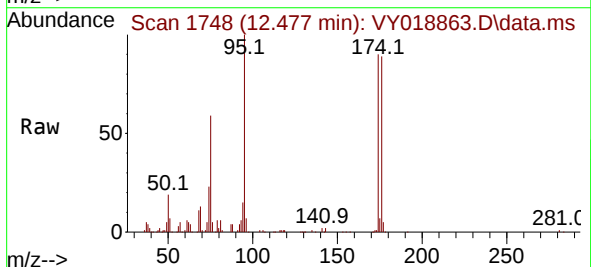
Tgt Ion: 95 Resp: 63493

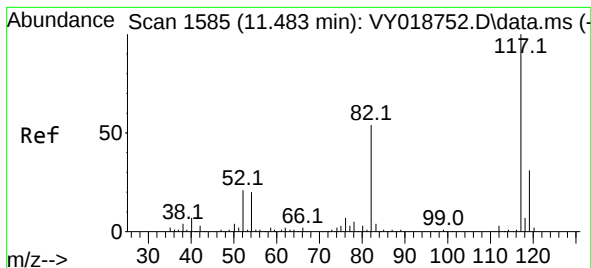
Ion Ratio Lower Upper

95 100

174 89.9 0.0 175.6

176 88.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018863.D

Acq: 18 Jul 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

SP-2

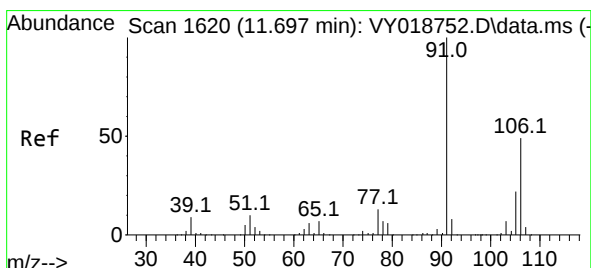
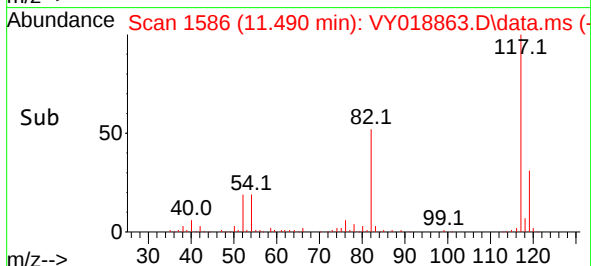
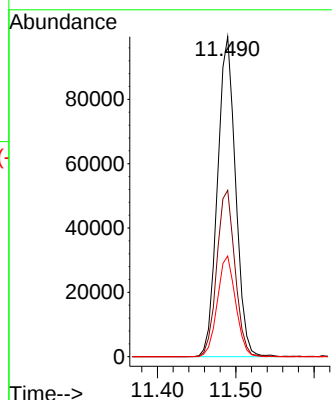
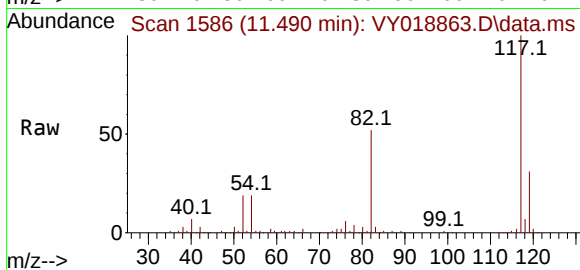
Tgt Ion:117 Resp: 159806

Ion Ratio Lower Upper

117 100

82 52.0 42.4 63.6

119 31.4 25.9 38.9



#68

m/p-Xylenes

Concen: 1.743 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY018863.D

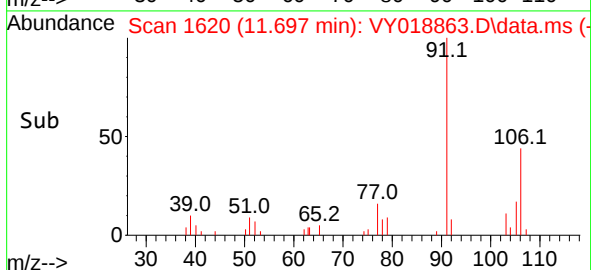
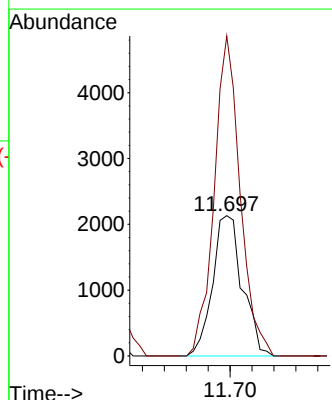
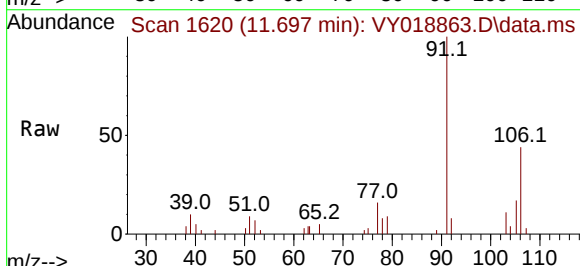
Acq: 18 Jul 2024 14:30

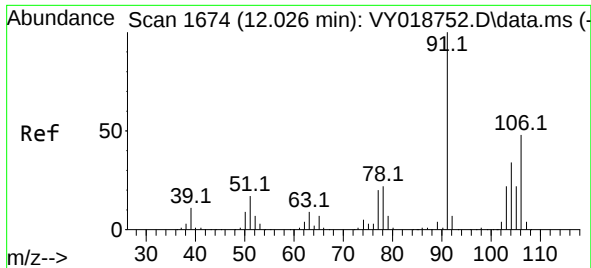
Tgt Ion:106 Resp: 4040

Ion Ratio Lower Upper

106 100

91 198.3 156.0 234.0

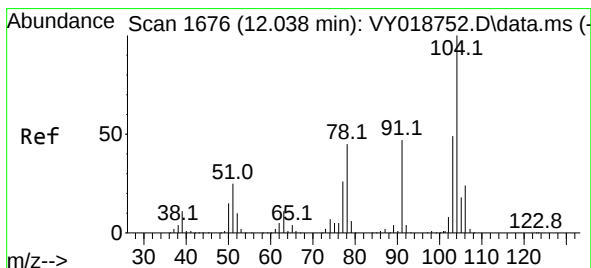
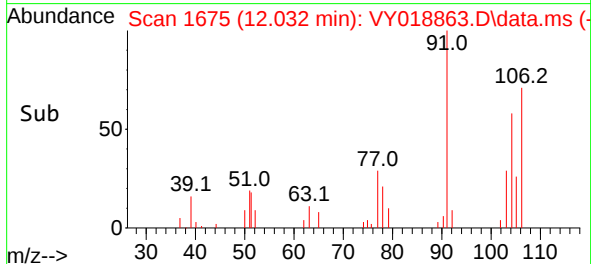
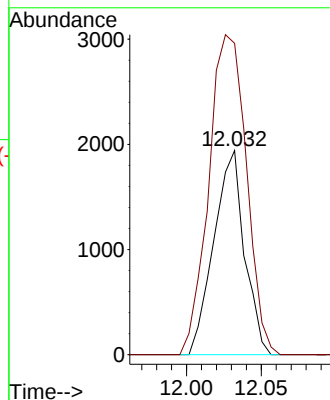
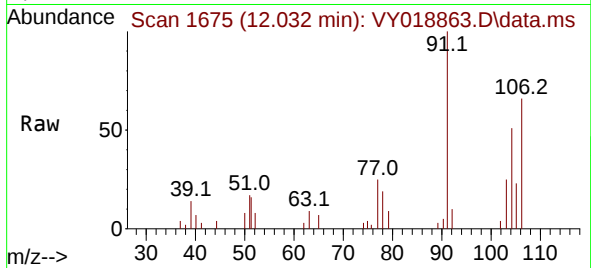




#69
o-Xylene
Concen: 1.268 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY018863.D
Acq: 18 Jul 2024 14:30

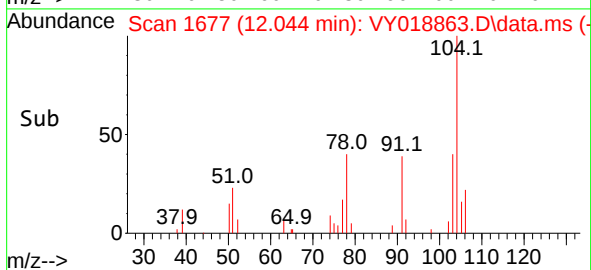
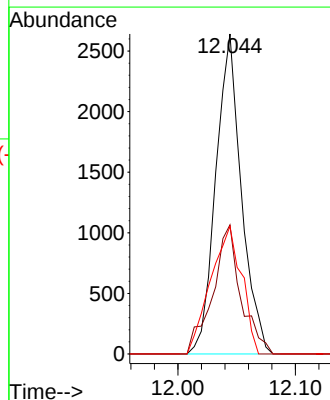
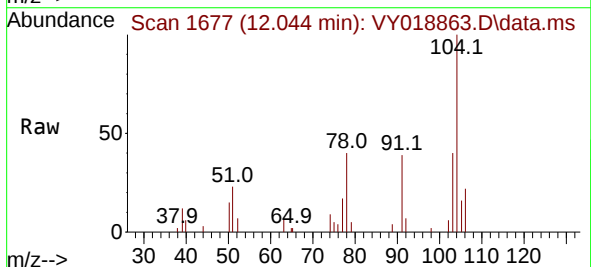
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

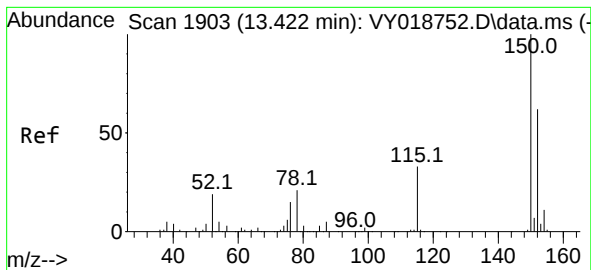
Tgt Ion:106 Resp: 2762
Ion Ratio Lower Upper
106 100
91 192.8 103.6 310.8



#70
Styrene
Concen: 1.099 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY018863.D
Acq: 18 Jul 2024 14:30

Tgt Ion:104 Resp: 3995
Ion Ratio Lower Upper
104 100
78 44.3 37.0 55.4
103 48.3 44.2 66.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY018863.D

Acq: 18 Jul 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

SP-2

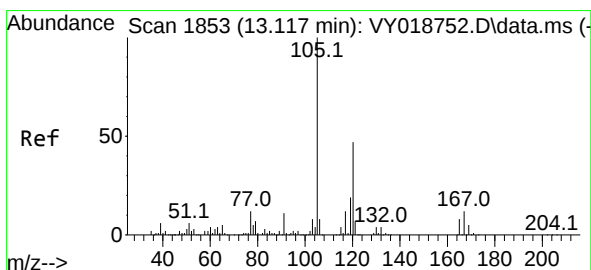
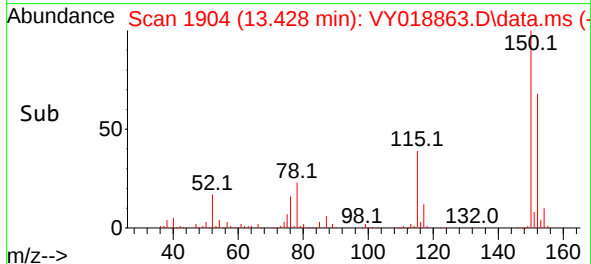
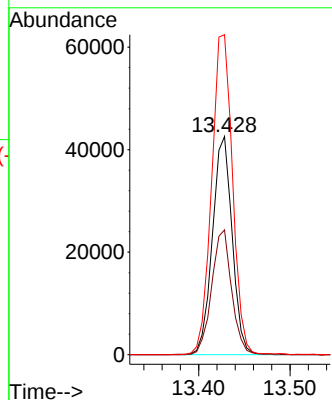
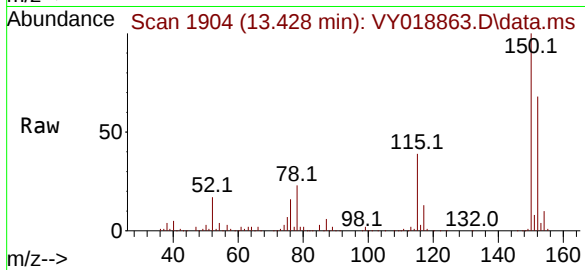
Tgt Ion:152 Resp: 63764

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 155.6 0.0 345.6



#84

1,2,4-Trimethylbenzene

Concen: 2.167 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018863.D

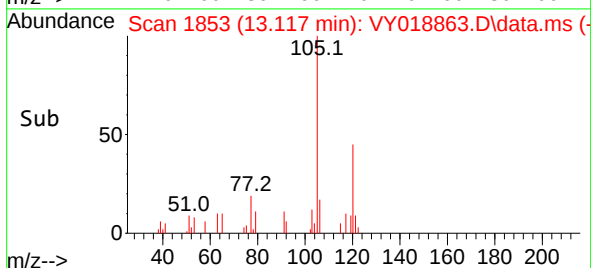
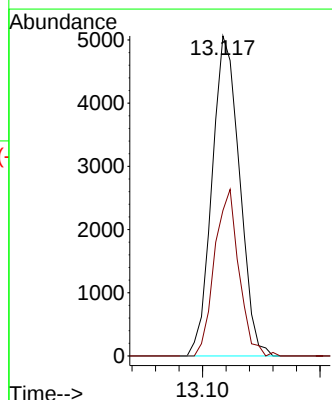
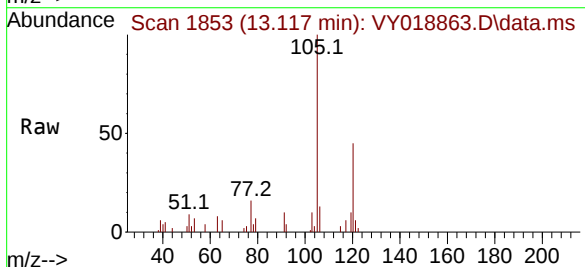
Acq: 18 Jul 2024 14:30

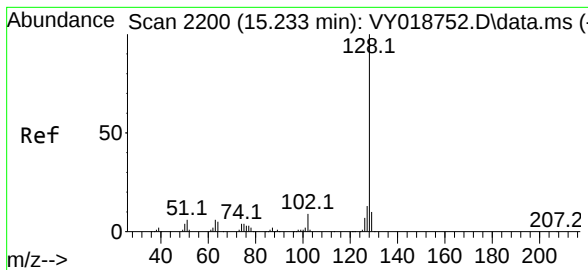
Tgt Ion:105 Resp: 8224

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.6





#95
Naphthalene
Concen: 206.087 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY018863.D
Acq: 18 Jul 2024 14:30

Instrument :
MSVOA_Y
ClientSampleId :
SP-2

Tgt Ion:	128	Resp:	407918
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.7	8.6	13.0

