

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018123.D
 Acq On : 02 May 2024 17:41
 Operator : SY/MD
 Sample : P2330-09
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-2(0.5-1.5)

Quant Time: May 02 23:07:13 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)

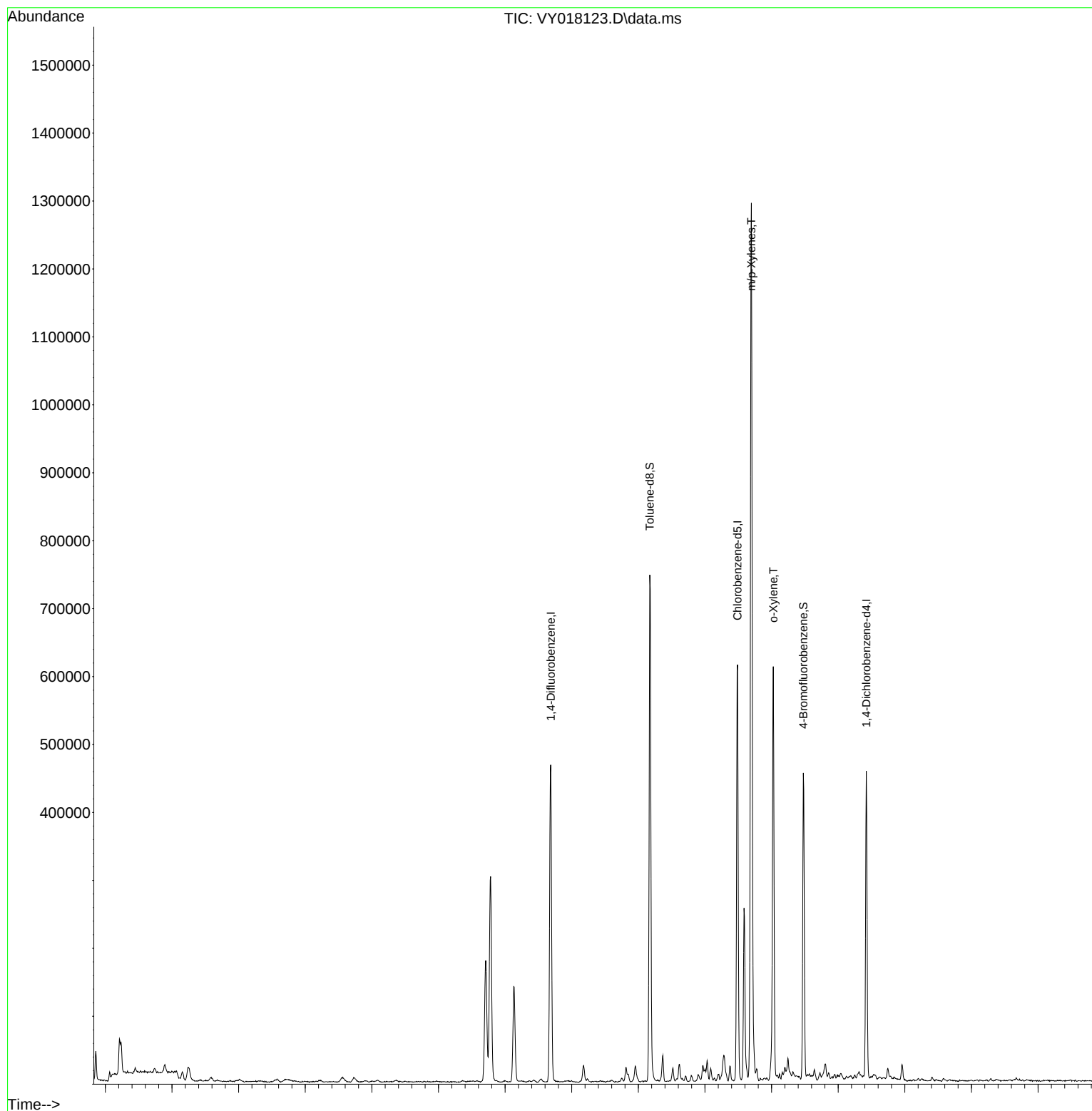
Internal Standards						
1) Pentafluorobenzene	7.783	168	253882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	444338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	368519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	104526	52.232	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.460%
35) Dibromofluoromethane	7.710	113	127565	49.957	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.920%
50) Toluene-d8	10.173	98	483406	48.493	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.980%
62) 4-Bromofluorobenzene	12.477	95	133707	38.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.940%
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.179	83	10026	2.003	ug/l	# 83
67) Ethyl Benzene	11.587	91	180874	13.866	ug/l	94
68) m/p-Xylenes	11.697	106	424054	81.133	ug/l	96
69) o-Xylene	12.026	106	168713	33.601	ug/l	96

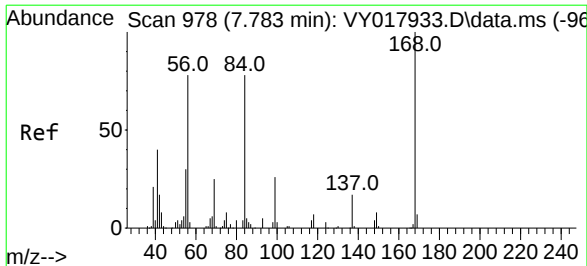
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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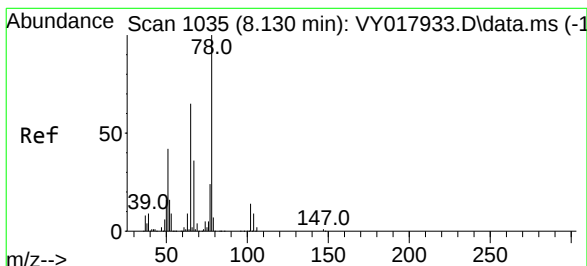
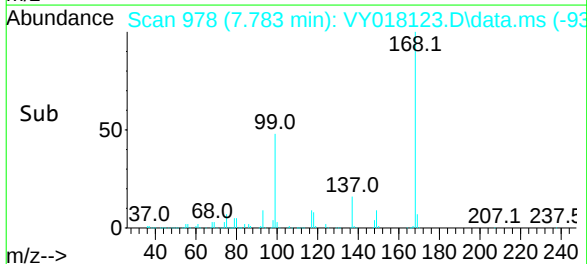
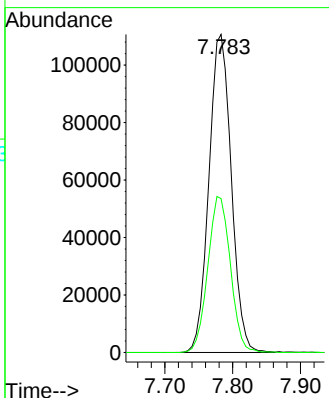
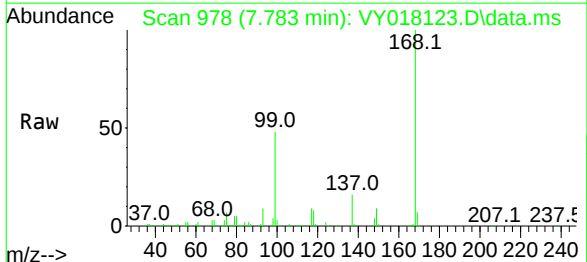




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY018123.D
Acq: 02 May 2024 17:41

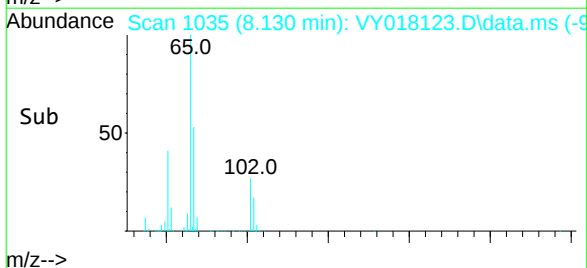
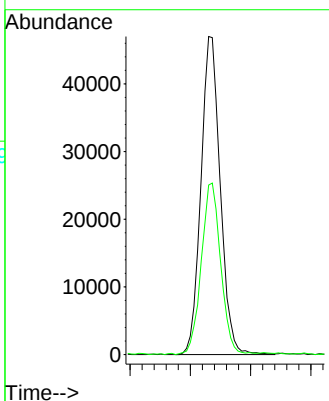
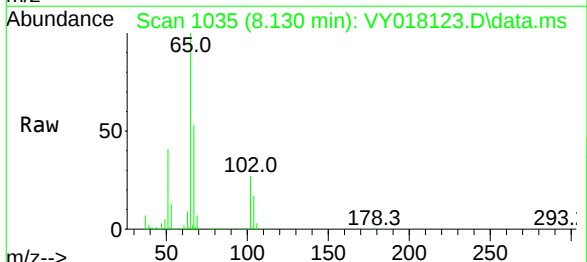
Instrument :
MSVOA_Y
ClientSampleId :
C-2(0.5-1.5)

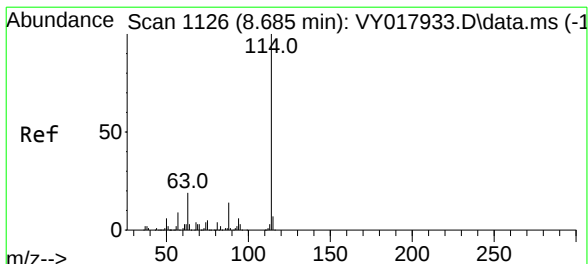
Tgt Ion:168 Resp: 253882
Ion Ratio Lower Upper
168 100
99 48.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.232 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.012 min
Lab File: VY018123.D
Acq: 02 May 2024 17:41

Tgt Ion: 65 Resp: 104526
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6

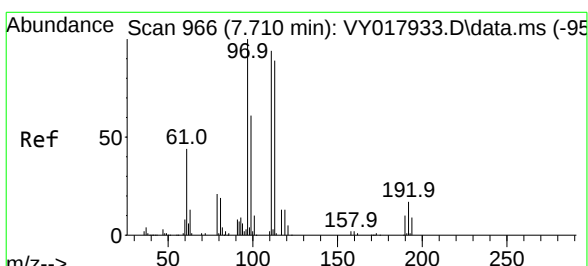
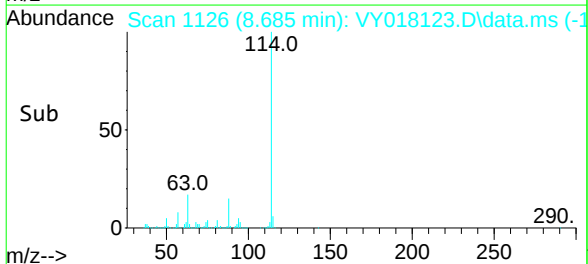
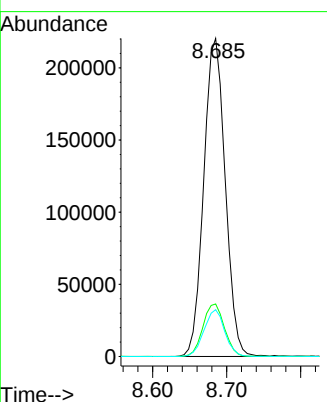
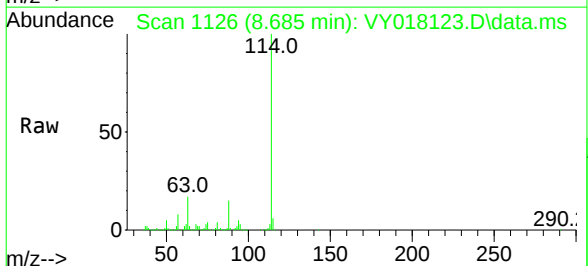




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY018123.D
 Acq: 02 May 2024 17:41

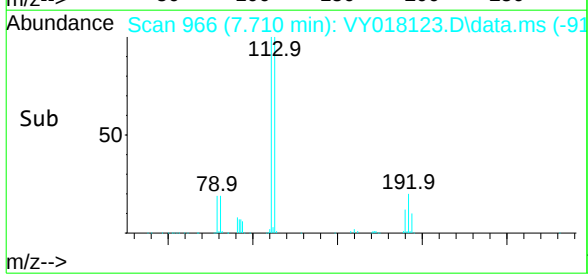
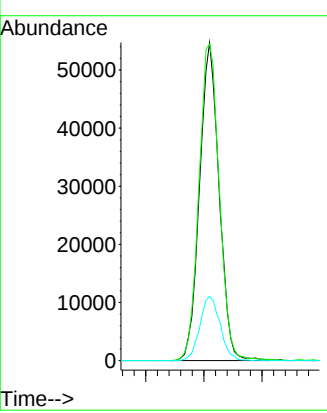
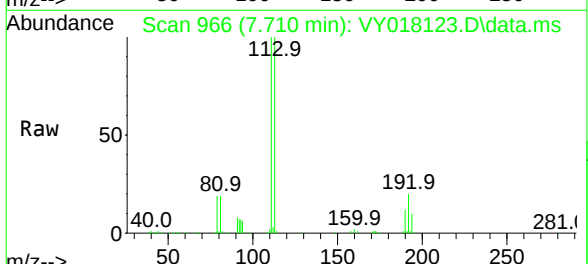
Instrument :
 MSVOA_Y
 ClientSampleId :
 C-2(0.5-1.5)

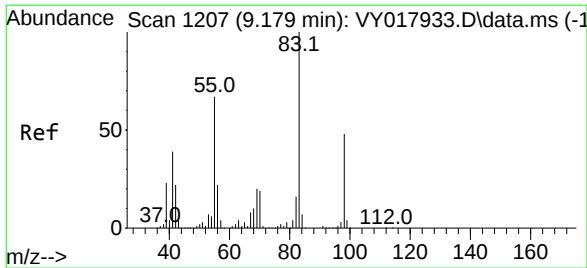
Tgt Ion:	114	Resp:	444338
Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	35.0
88	14.7	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 49.957 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.012 min
 Lab File: VY018123.D
 Acq: 02 May 2024 17:41

Tgt Ion:	113	Resp:	127565
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.2	123.4
192	21.0	15.9	23.9

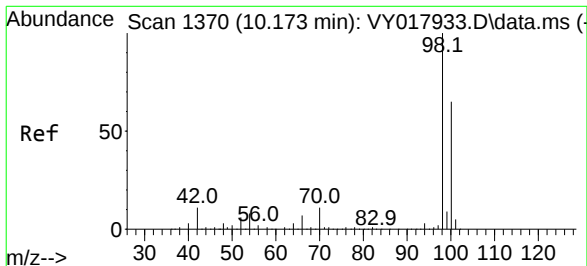
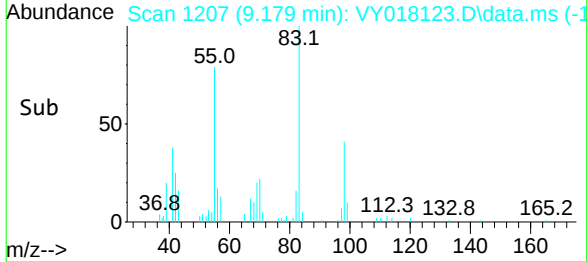
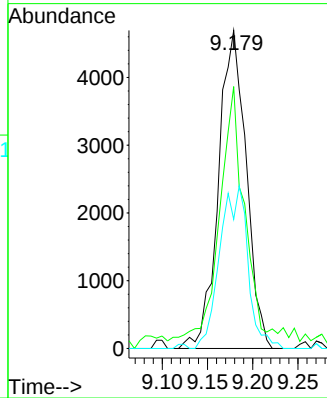
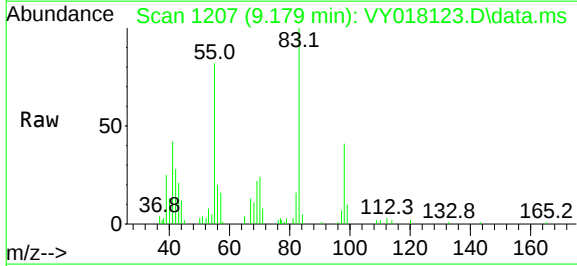




#39
Methylcyclohexane
Concen: 2.003 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY018123.D
Acq: 02 May 2024 17:41

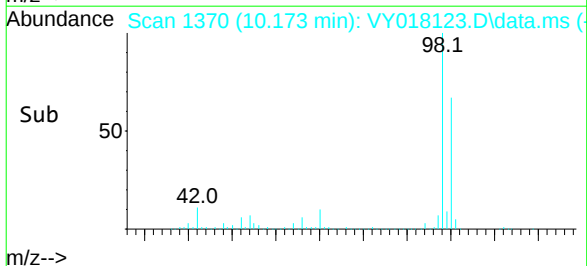
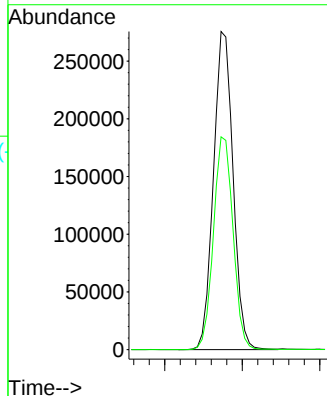
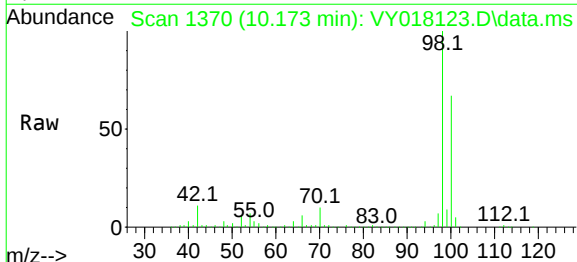
Instrument :
MSVOA_Y
ClientSampleId :
C-2(0.5-1.5)

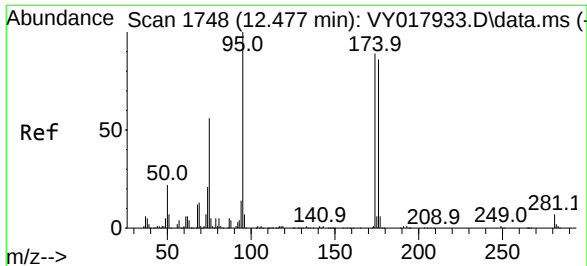
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.8	51.5	77.3#
98	39.3	40.5	60.7#



#50
Toluene-d8
Concen: 48.493 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY018123.D
Acq: 02 May 2024 17:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 38.975 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY018123.D

Acq: 02 May 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

C-2(0.5-1.5)

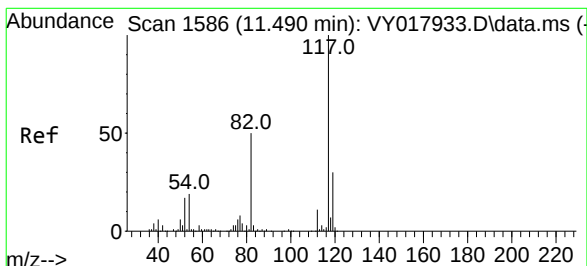
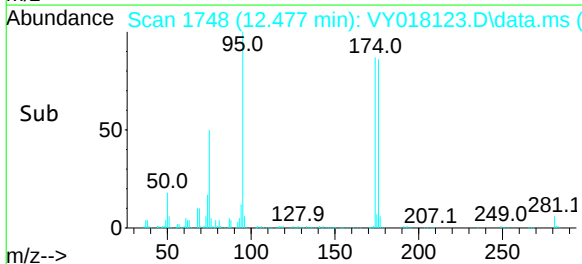
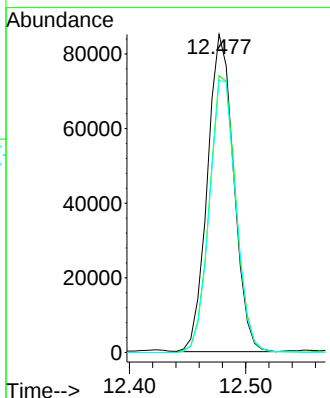
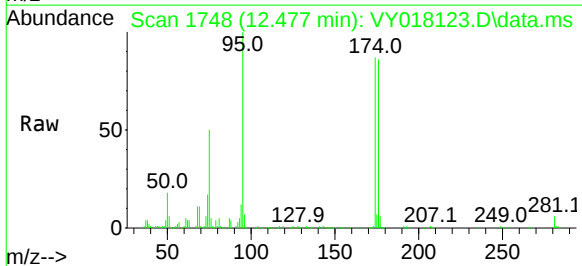
Tgt Ion: 95 Resp: 133707

Ion Ratio Lower Upper

95 100

174 88.5 0.0 175.6

176 86.7 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY018123.D

Acq: 02 May 2024 17:41

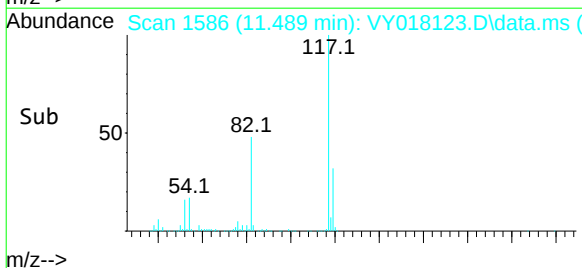
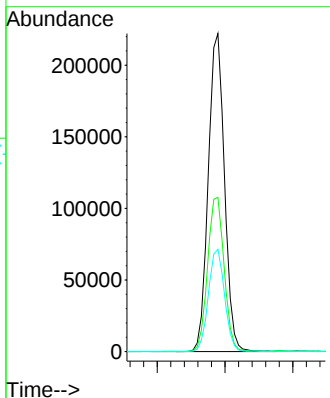
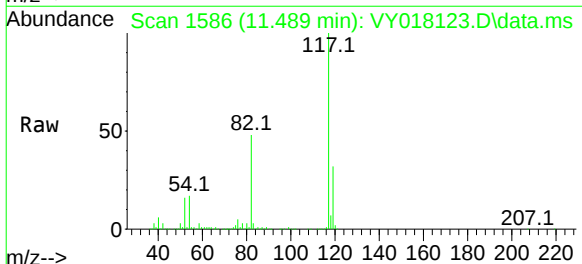
Tgt Ion: 117 Resp: 368519

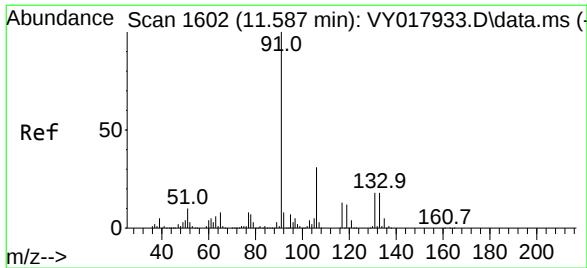
Ion Ratio Lower Upper

117 100

82 48.4 42.4 63.6

119 32.2 25.9 38.9





#67

Ethyl Benzene

Concen: 13.866 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY018123.D

Acq: 02 May 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

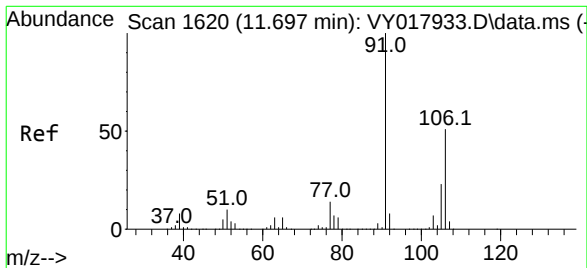
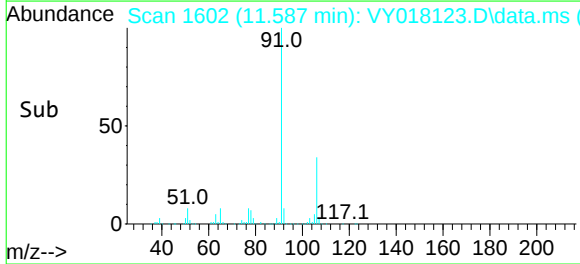
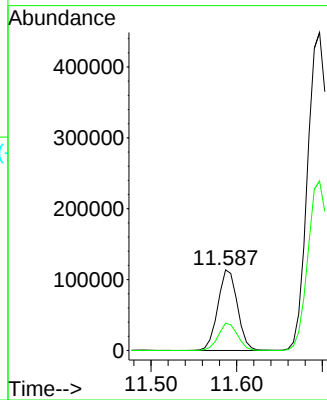
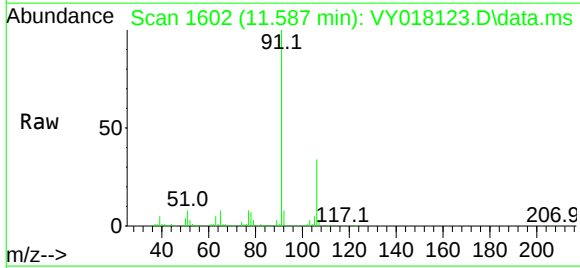
C-2(0.5-1.5)

Tgt Ion: 91 Resp: 180874

Ion Ratio Lower Upper

91 100

106 33.8 24.5 36.7



#68

m/p-Xylenes

Concen: 81.133 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY018123.D

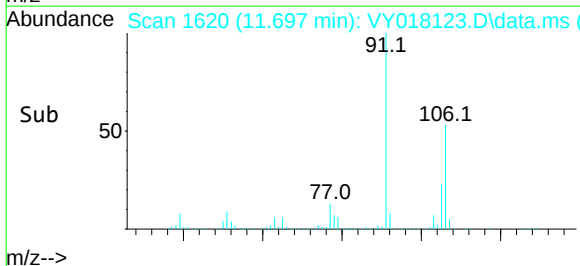
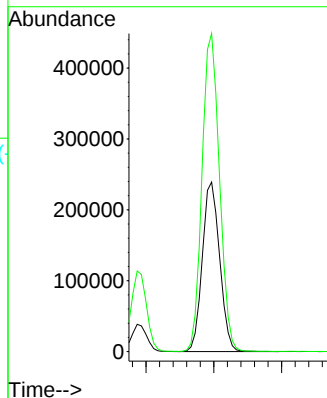
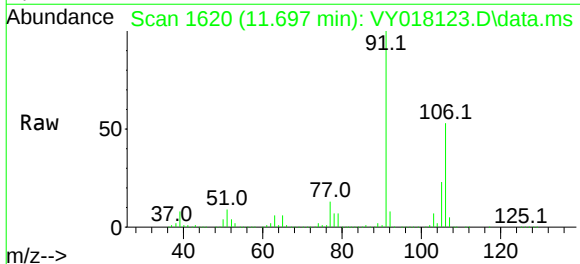
Acq: 02 May 2024 17:41

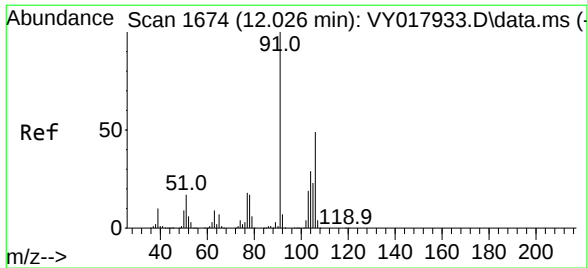
Tgt Ion:106 Resp: 424054

Ion Ratio Lower Upper

106 100

91 188.6 156.0 234.0





#69

o-Xylene

Concen: 33.601 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY018123.D

Acq: 02 May 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

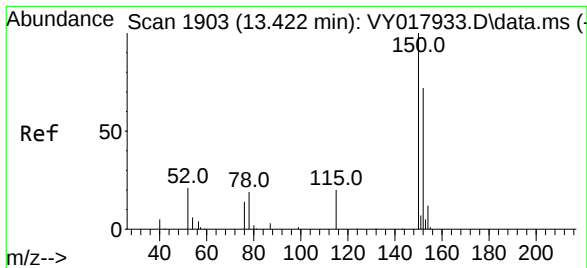
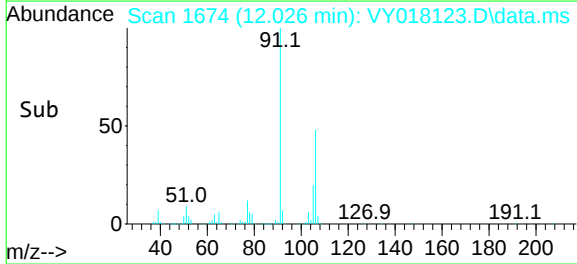
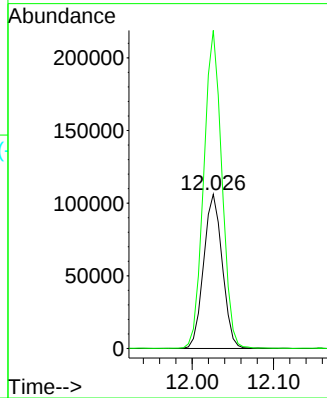
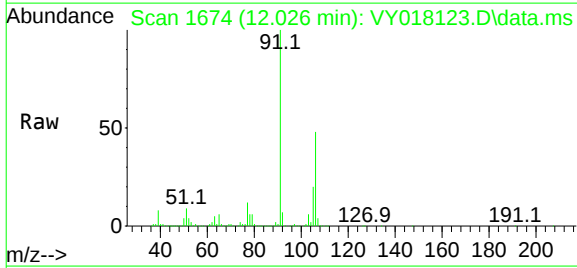
C-2(0.5-1.5)

Tgt Ion:106 Resp: 168713

Ion Ratio Lower Upper

106 100

91 200.7 103.6 310.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY018123.D

Acq: 02 May 2024 17:41

Tgt Ion:152 Resp: 119331

Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 158.1 0.0 345.6

