

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018610.D
 Acq On : 17 Jun 2024 15:17
 Operator : SY/MD
 Sample : P2878-01RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 348RE

Quant Time: Jun 18 01:24:30 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)

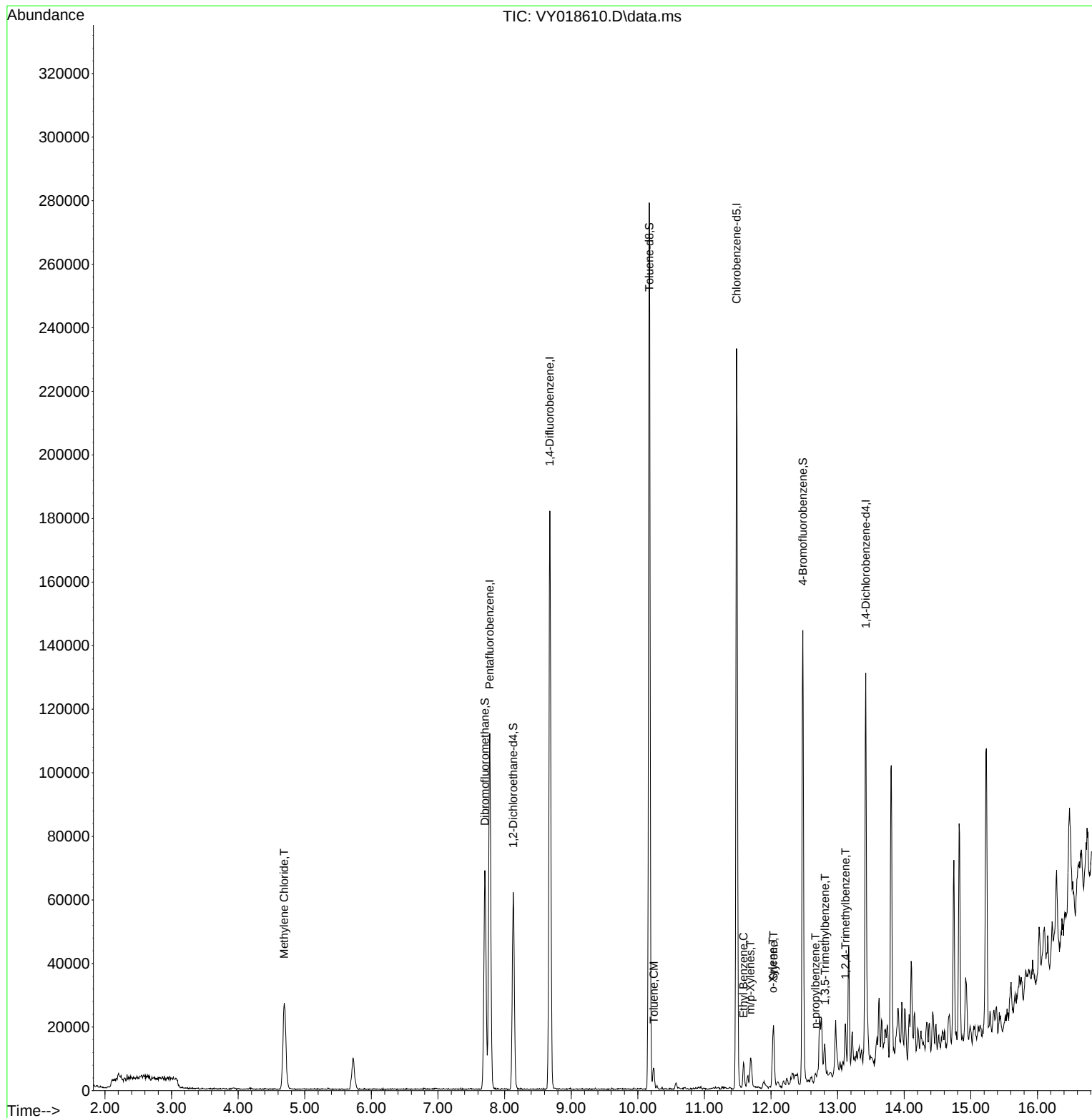
Internal Standards						
1) Pentafluorobenzene	7.776	168	81491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	153679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	124706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46547	56.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.460%	
35) Dibromofluoromethane	7.703	113	48080	51.287	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.580%	
50) Toluene-d8	10.172	98	178482	49.507	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.020%	
62) 4-Bromofluorobenzene	12.477	95	41847	36.759	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 73.520%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.692	84	20019	12.793	ug/l	91
52) Toluene	10.239	92	2938	1.147	ug/l	92
67) Ethyl Benzene	11.587	91	4634	1.037	ug/l #	88
68) m/p-Xylenes	11.690	106	2668	1.534	ug/l	93
69) o-Xylene	12.026	106	2623	1.568	ug/l	93
70) Styrene	12.038	104	7471	2.704	ug/l	98
78) n-propylbenzene	12.666	91	2976m	1.202	ug/l	
80) 1,3,5-Trimethylbenzene	12.812	105	3223	1.922	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	8668	5.171	ug/l	100

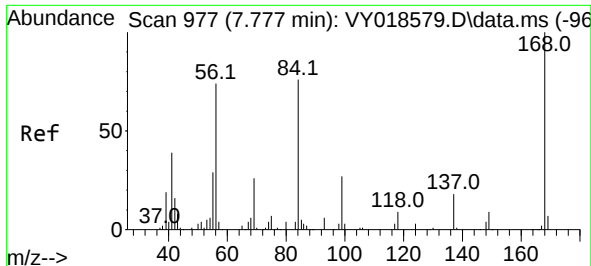
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
Data File : VY018610.D
Acq On : 17 Jun 2024 15:17
Operator : SY/MD
Sample : P2878-01RE
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
348RE

Quant Time: Jun 18 01:24:30 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

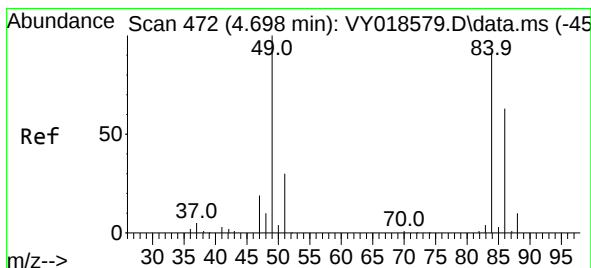
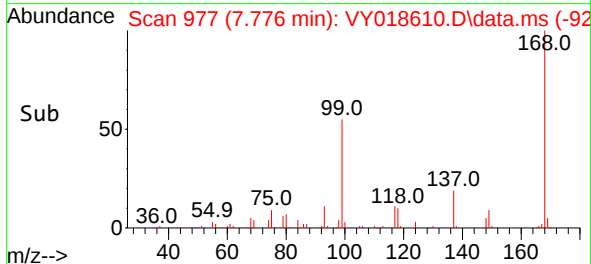
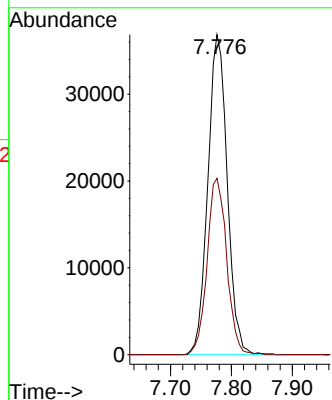
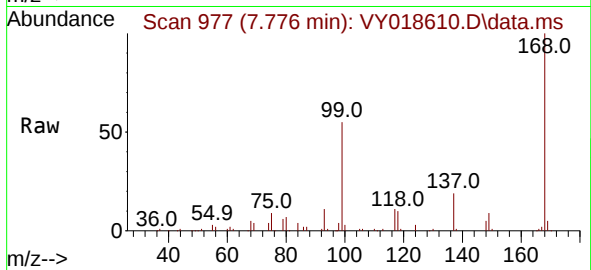




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY018610.D
Acq: 17 Jun 2024 15:17

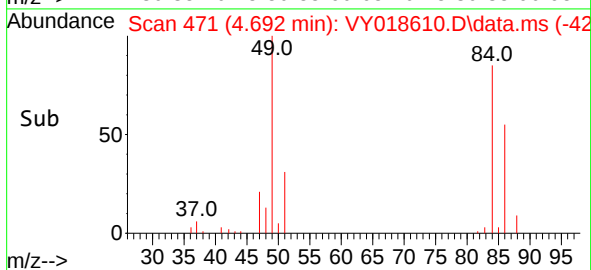
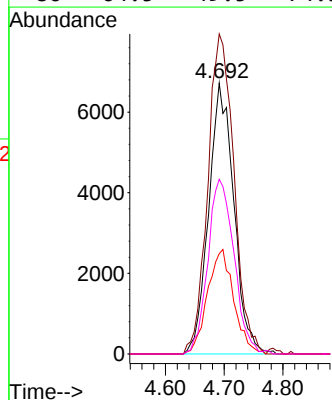
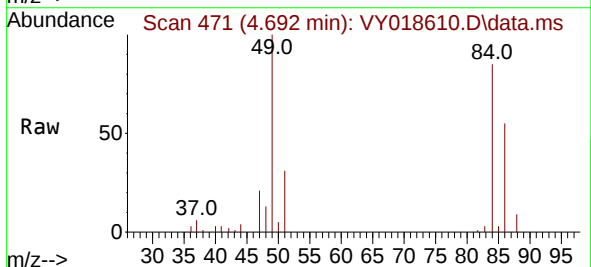
Instrument :
MSVOA_Y
ClientSampleId :
348RE

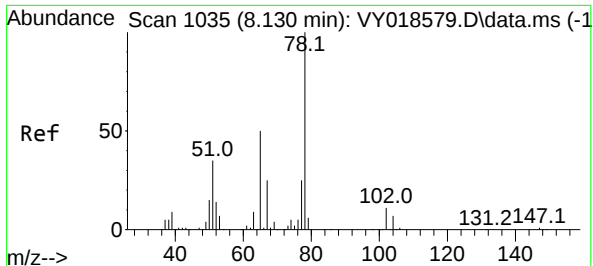
Tgt Ion:168 Resp: 81491
Ion Ratio Lower Upper
168 100
99 55.1 39.1 58.7



#20
Methylene Chloride
Concen: 12.793 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018610.D
Acq: 17 Jun 2024 15:17

Tgt Ion: 84 Resp: 20019
Ion Ratio Lower Upper
84 100
49 118.1 84.4 126.6
51 37.0 26.0 39.0
86 64.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 56.734 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018610.D

Acq: 17 Jun 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

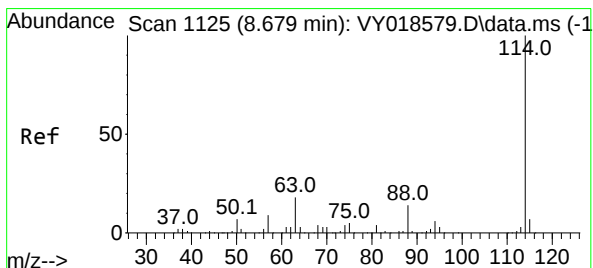
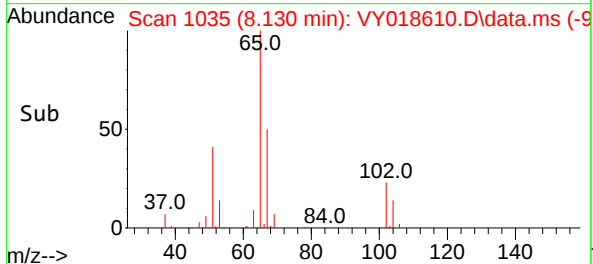
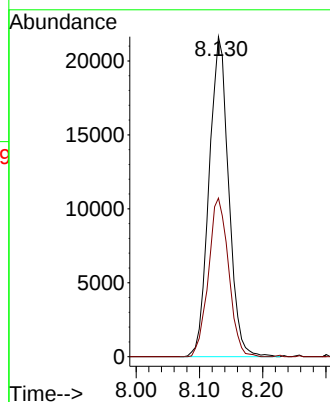
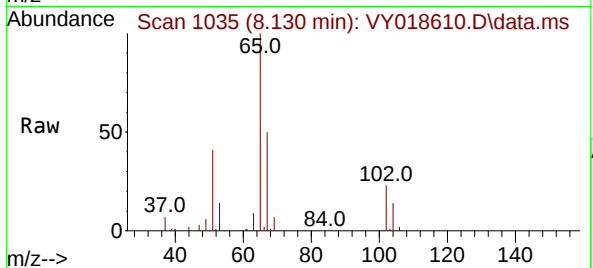
348RE

Tgt Ion: 65 Resp: 46547

Ion Ratio Lower Upper

65 100

67 51.1 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: VY018610.D

Acq: 17 Jun 2024 15:17

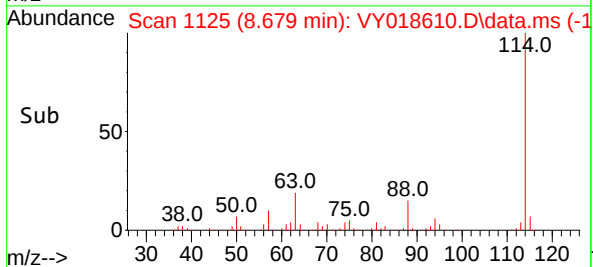
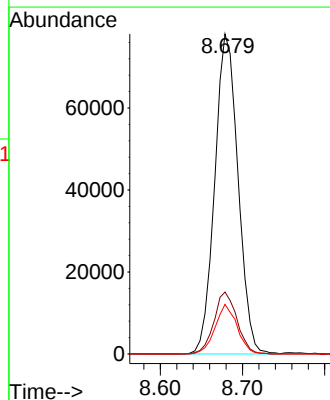
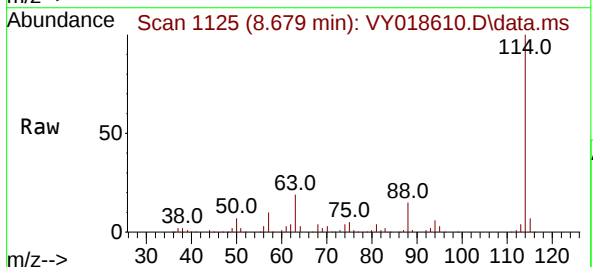
Tgt Ion: 114 Resp: 153679

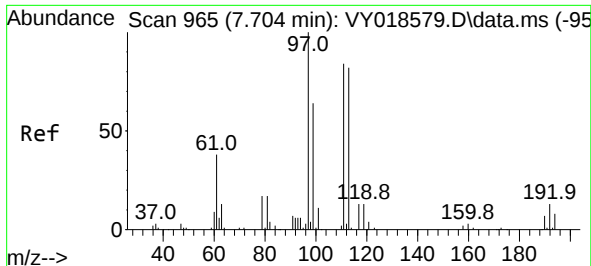
Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 15.5 0.0 27.2

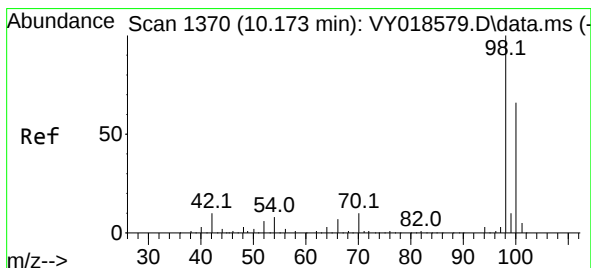
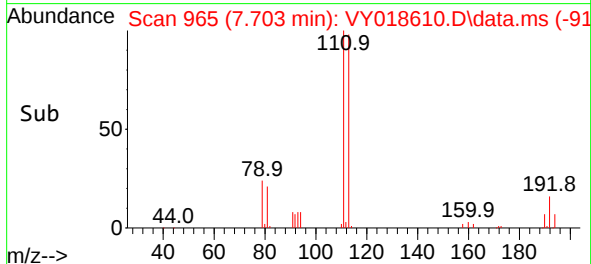
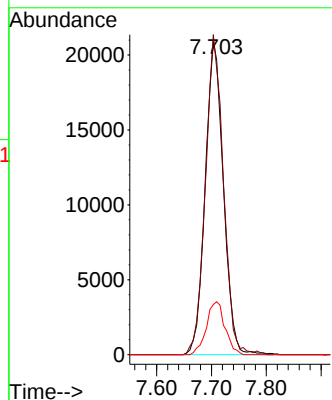
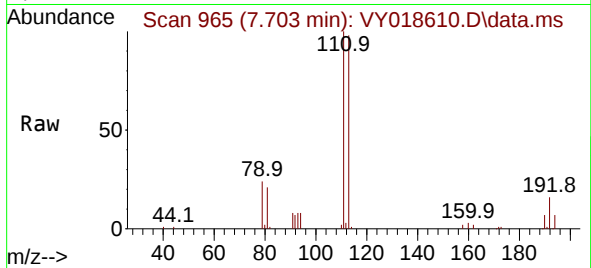




#35
Dibromofluoromethane
Concen: 51.287 ug/l
RT: 7.703 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018610.D
Acq: 17 Jun 2024 15:17

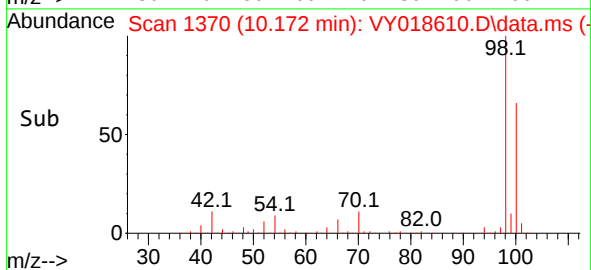
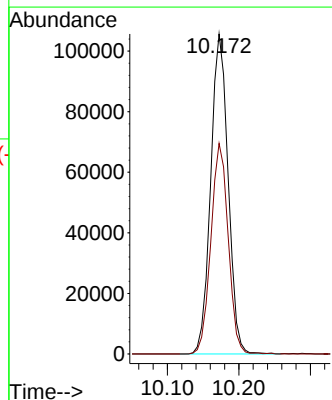
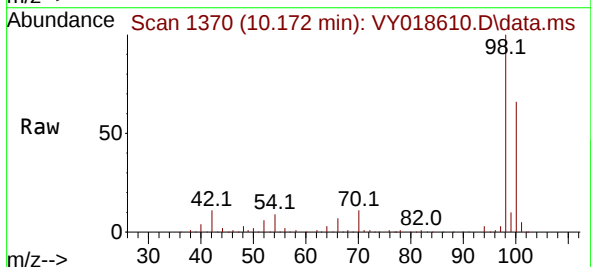
Instrument :
MSVOA_Y
ClientSampleId :
348RE

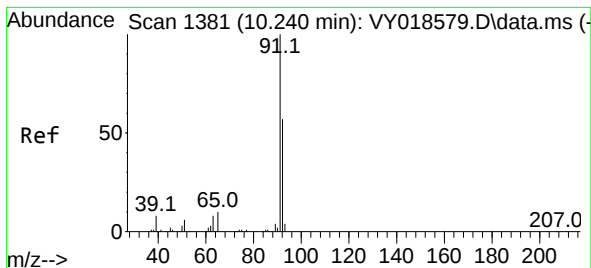
Tgt Ion:113 Resp: 48080
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 17.3 15.9 23.9



#50
Toluene-d8
Concen: 49.507 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018610.D
Acq: 17 Jun 2024 15:17

Tgt Ion: 98 Resp: 178482
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0





#52

Toluene

Concen: 1.147 ug/l

RT: 10.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018610.D

Acq: 17 Jun 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

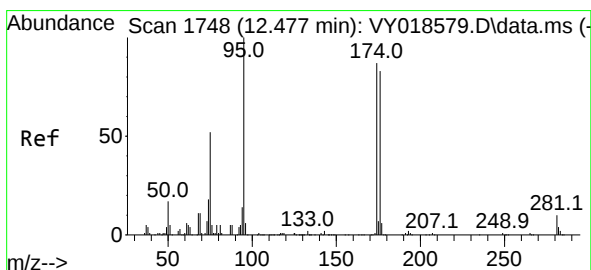
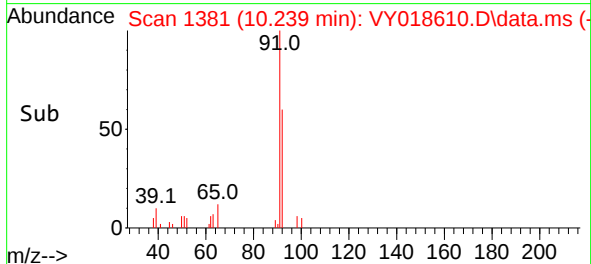
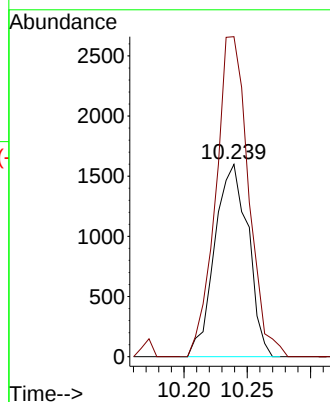
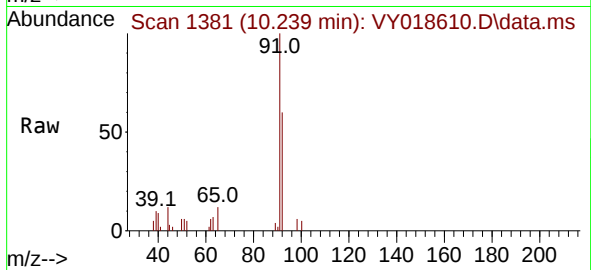
348RE

Tgt Ion: 92 Resp: 2938

Ion Ratio Lower Upper

92 100

91 163.0 139.0 208.6



#62

4-Bromofluorobenzene

Concen: 36.759 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018610.D

Acq: 17 Jun 2024 15:17

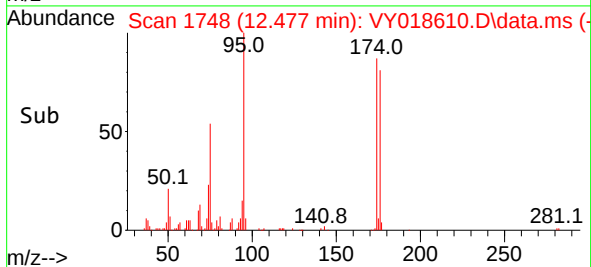
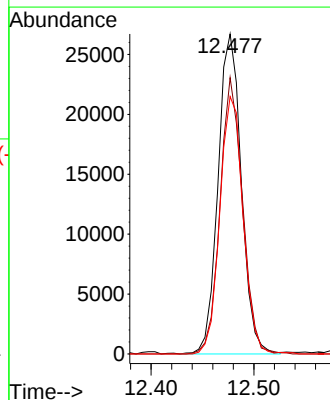
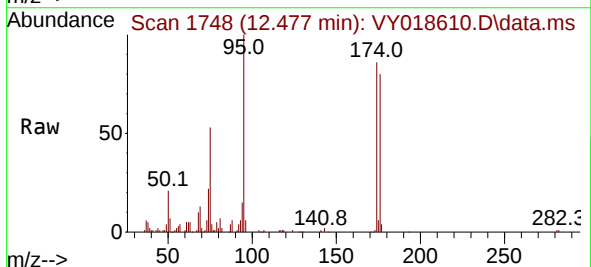
Tgt Ion: 95 Resp: 41847

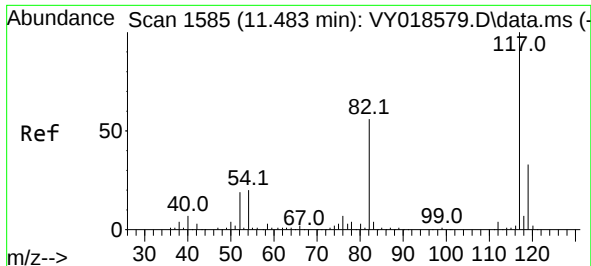
Ion Ratio Lower Upper

95 100

174 83.5 0.0 175.6

176 80.5 0.0 171.4

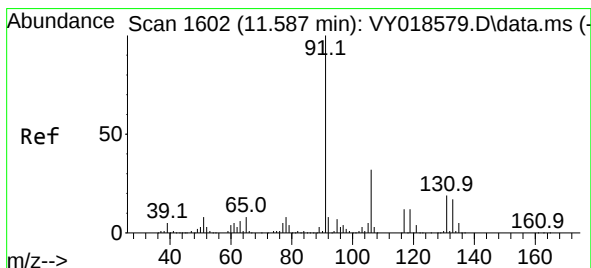
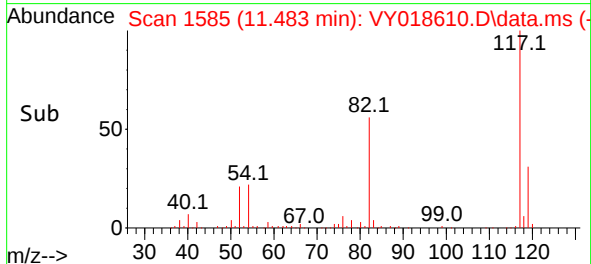
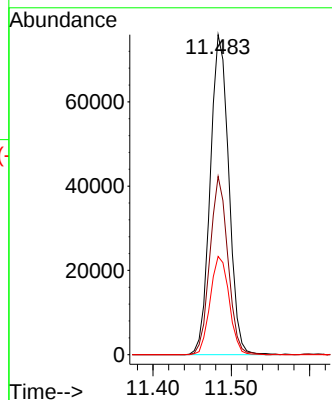
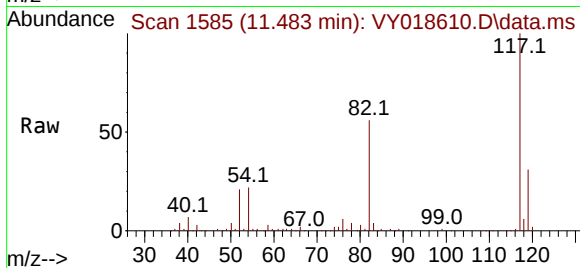




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY018610.D
Acq: 17 Jun 2024 15:17

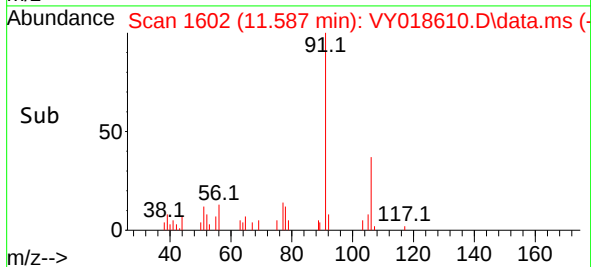
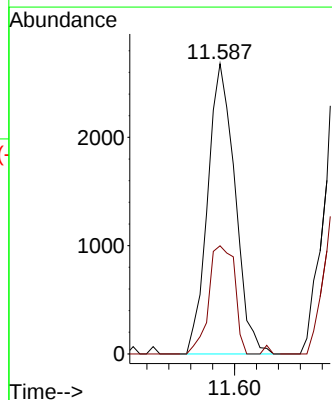
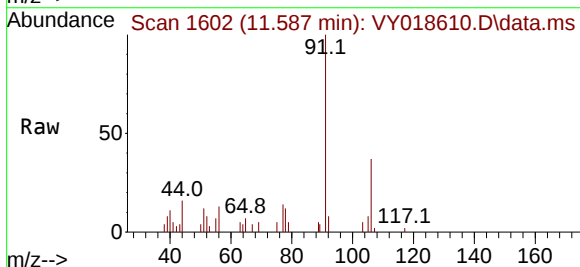
Instrument :
MSVOA_Y
ClientSampleId :
348RE

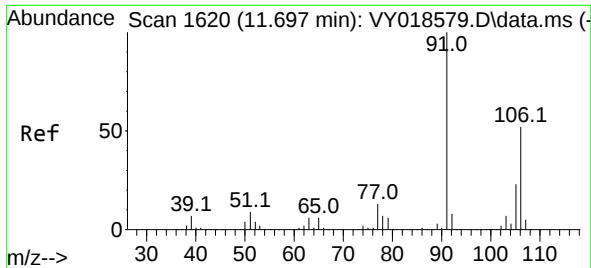
Tgt Ion:117 Resp: 124706
Ion Ratio Lower Upper
117 100
82 55.7 42.4 63.6
119 30.7 25.9 38.9



#67
Ethyl Benzene
Concen: 1.037 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018610.D
Acq: 17 Jun 2024 15:17

Tgt Ion: 91 Resp: 4634
Ion Ratio Lower Upper
91 100
106 37.3 24.5 36.7#

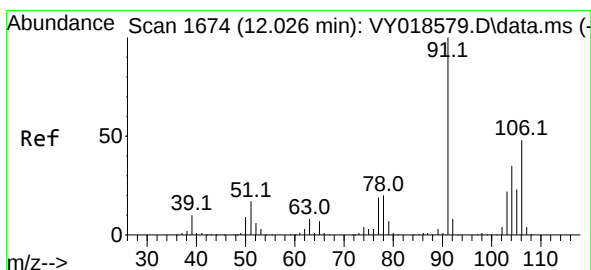
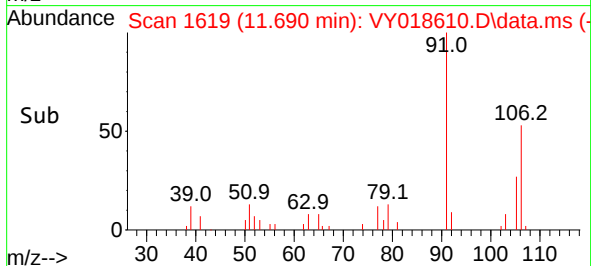
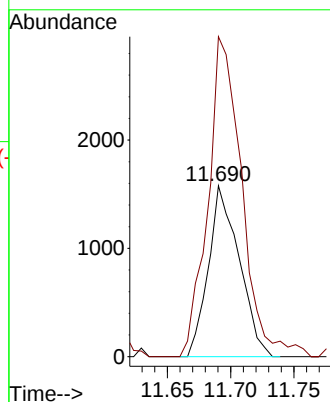
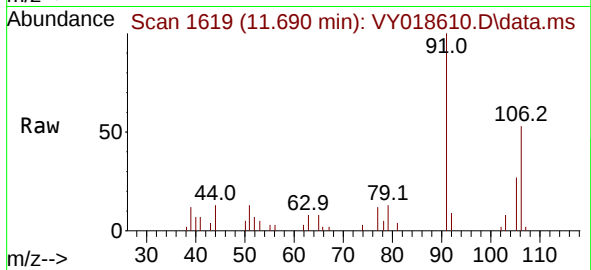




#68
m/p-Xylenes
Concen: 1.534 ug/l
RT: 11.690 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VY018610.D
Acq: 17 Jun 2024 15:17

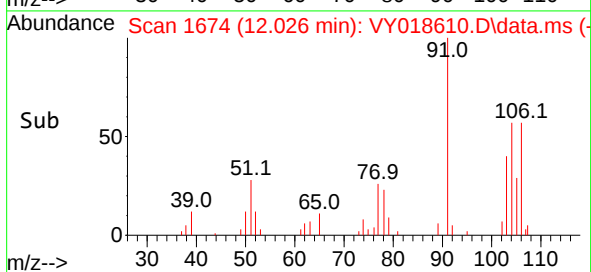
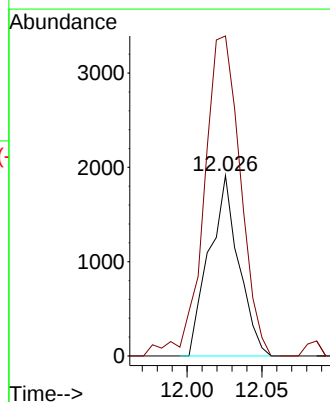
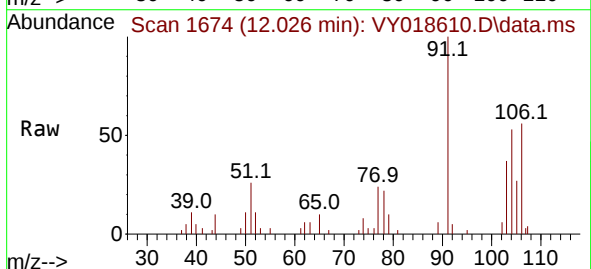
Instrument :
MSVOA_Y
ClientSampleId :
348RE

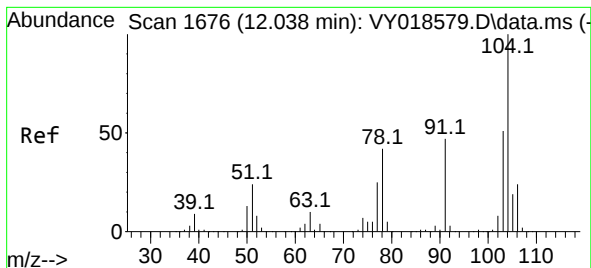
Tgt Ion:106 Resp: 2668
Ion Ratio Lower Upper
106 100
91 206.0 156.0 234.0



#69
o-Xylene
Concen: 1.568 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY018610.D
Acq: 17 Jun 2024 15:17

Tgt Ion:106 Resp: 2623
Ion Ratio Lower Upper
106 100
91 218.6 103.6 310.8





#70

Styrene

Concen: 2.704 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018610.D

Acq: 17 Jun 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

348RE

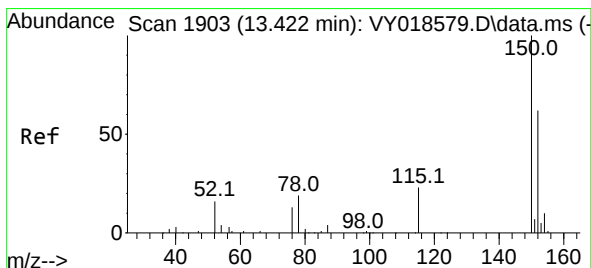
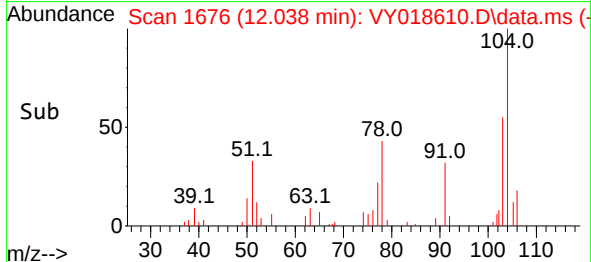
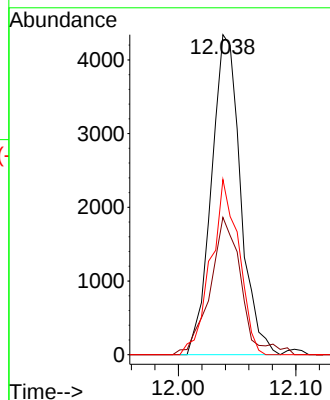
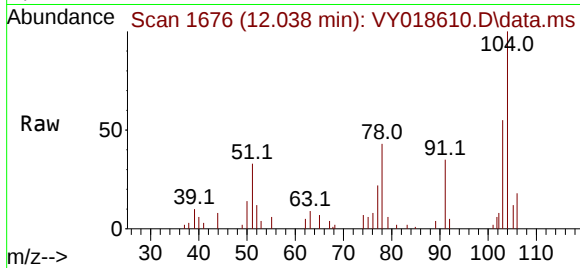
Tgt Ion:104 Resp: 7471

Ion Ratio Lower Upper

104 100

78 45.7 37.0 55.4

103 52.6 44.2 66.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018610.D

Acq: 17 Jun 2024 15:17

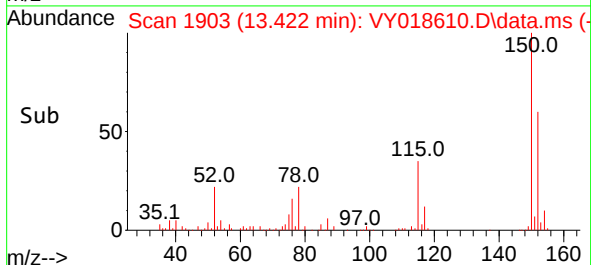
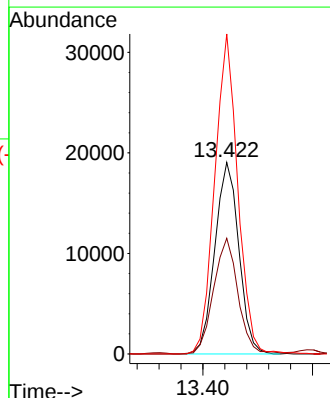
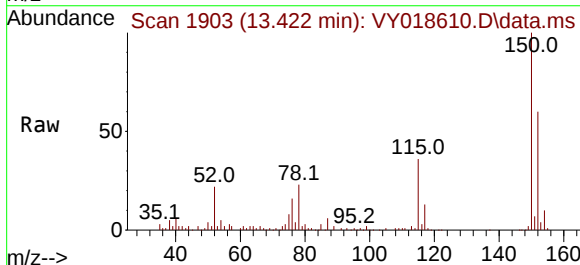
Tgt Ion:152 Resp: 28980

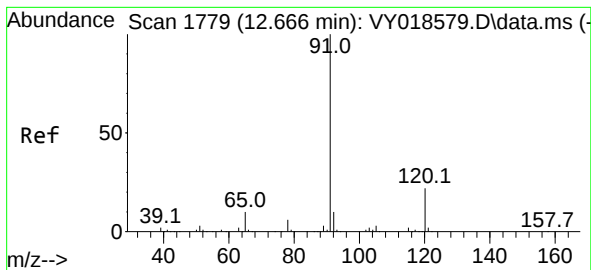
Ion Ratio Lower Upper

152 100

115 61.4 28.2 84.7

150 160.1 0.0 345.6

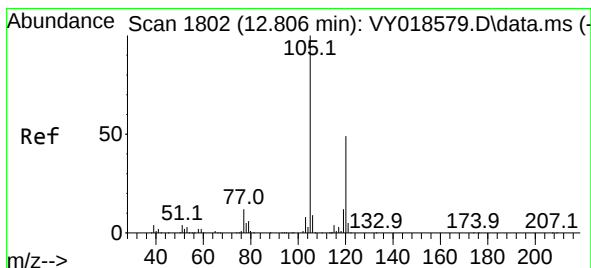
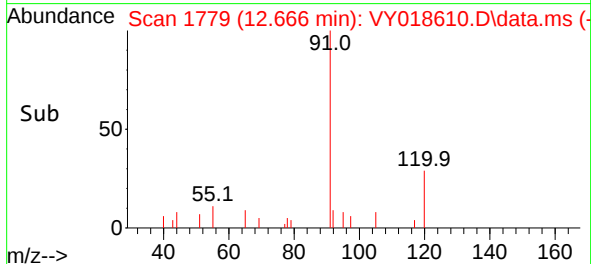
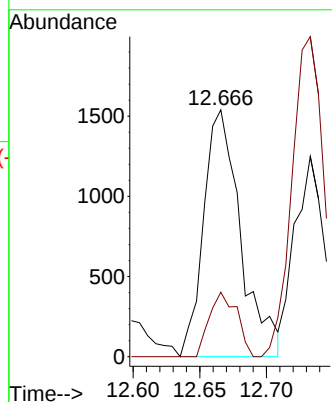
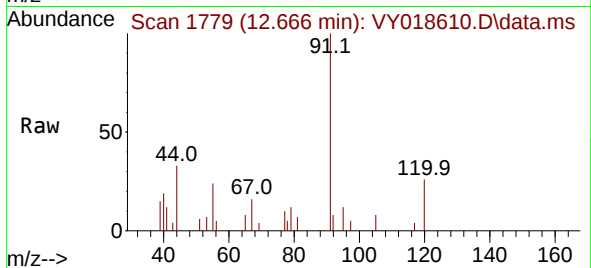




#78
n-propylbenzene
Concen: 1.202 ug/l m
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY018610.D
Acq: 17 Jun 2024 15:17

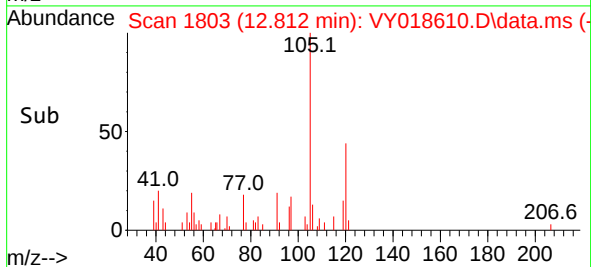
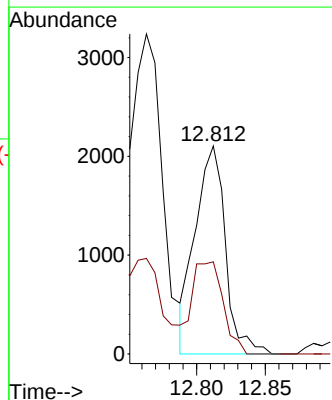
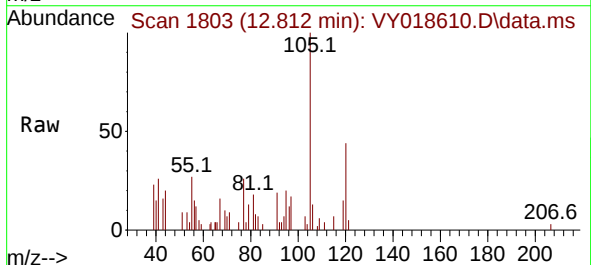
Instrument :
MSVOA_Y
ClientSampleId :
348RE

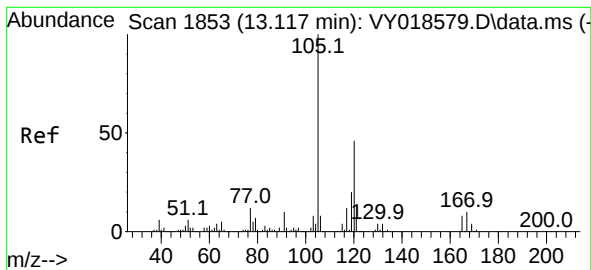
Tgt Ion: 91 Resp: 2976
Ion Ratio Lower Upper
91 100
120 0.0 11.5 34.4#



#80
1,3,5-Trimethylbenzene
Concen: 1.922 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY018610.D
Acq: 17 Jun 2024 15:17

Tgt Ion: 105 Resp: 3223
Ion Ratio Lower Upper
105 100
120 45.7 25.1 75.2





#84

1,2,4-Trimethylbenzene

Concen: 5.171 ug/l

RT: 13.117 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018610.D

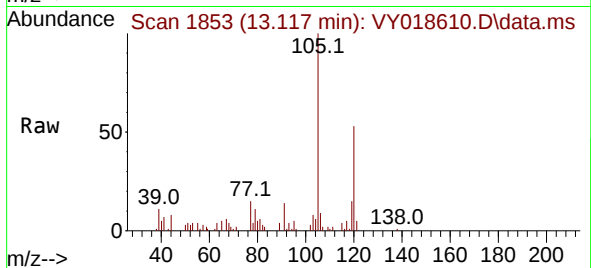
Acq: 17 Jun 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

348RE



Tgt Ion:105 Resp: 8668

Ion Ratio Lower Upper

105 100

120 46.5 23.2 69.6

