

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
 Data File : VY018704.D
 Acq On : 26 Jun 2024 13:51
 Operator : SY/MD
 Sample : P3045-09
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10AB

Quant Time: Jun 27 07:50:52 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)

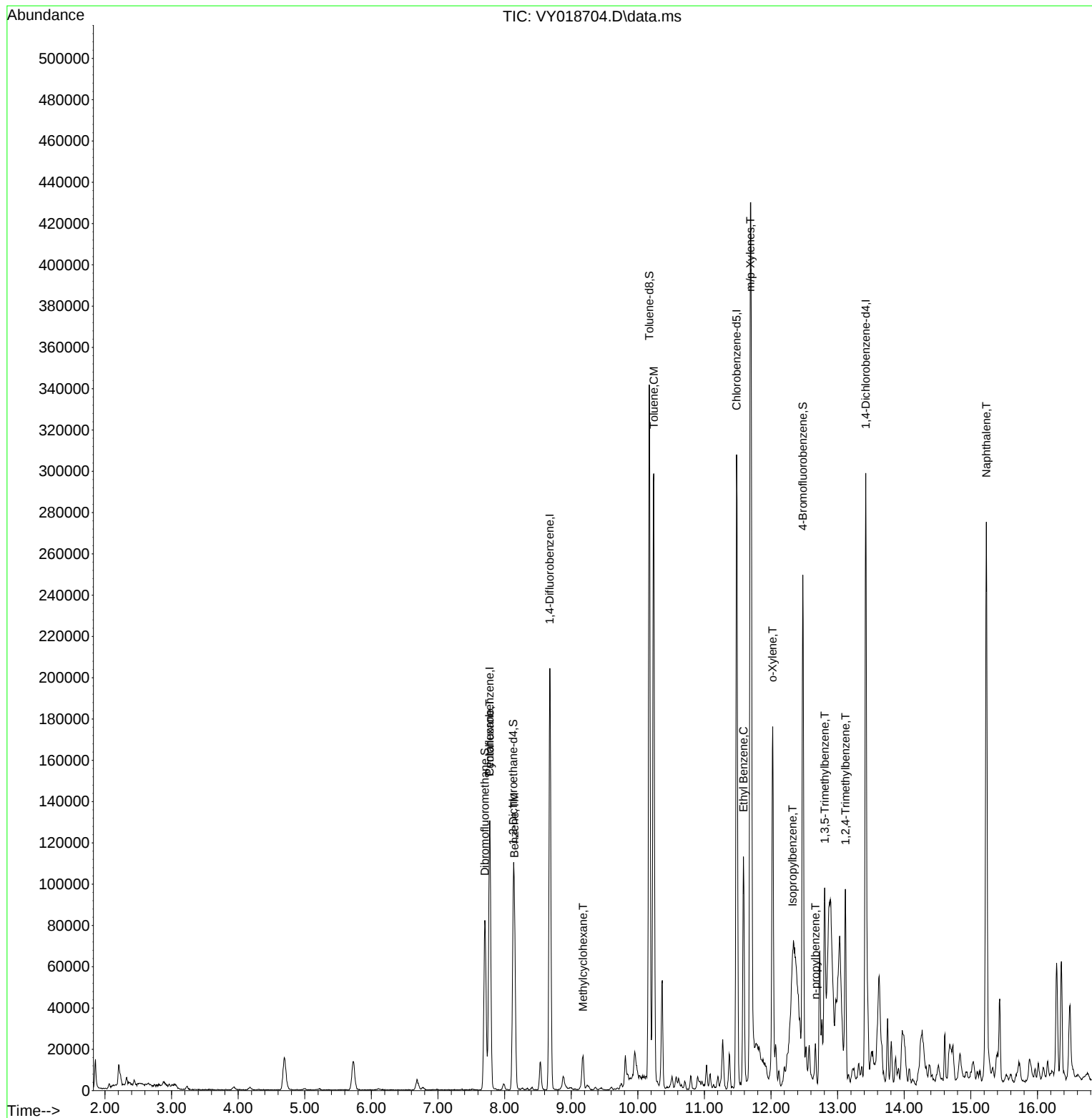
Internal Standards						
1) Pentafluorobenzene	7.777	168	101285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	181971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	173620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52137	51.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.260%	
35) Dibromofluoromethane	7.703	113	58897	53.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.120%	
50) Toluene-d8	10.173	98	217725	51.003	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.000%	
62) 4-Bromofluorobenzene	12.477	95	70352	52.190	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.380%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.777	56	3728	2.387	ug/l #	57
39) Methylcyclohexane	9.179	83	7416	3.961	ug/l	100
40) Benzene	8.148	78	65660	13.895	ug/l	100
52) Toluene	10.240	92	128763	42.441	ug/l	98
67) Ethyl Benzene	11.587	91	75688	12.162	ug/l	96
68) m/p-Xylenes	11.691	106	133780	55.245	ug/l	98
69) o-Xylene	12.026	106	46874	20.129	ug/l	98
73) Isopropylbenzene	12.325	105	6990	1.265	ug/l	97
78) n-propylbenzene	12.666	91	14820	2.292	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	19854	4.534	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	48241	11.022	ug/l	99
95) Naphthalene	15.233	128	222645	97.131	ug/l	99

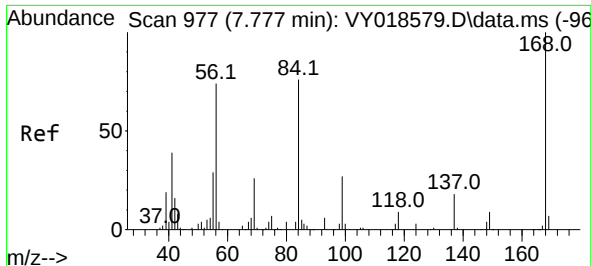
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
Data File : VY018704.D
Acq On : 26 Jun 2024 13:51
Operator : SY/MD
Sample : P3045-09
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
10AB

Quant Time: Jun 27 07:50:52 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

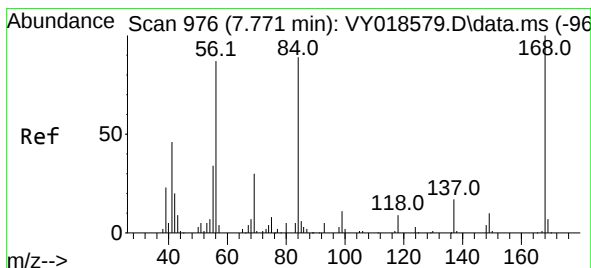
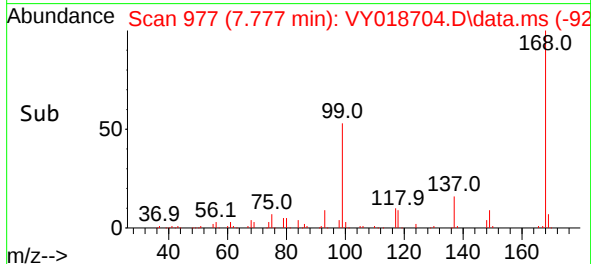
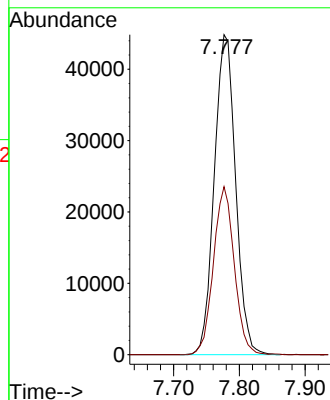
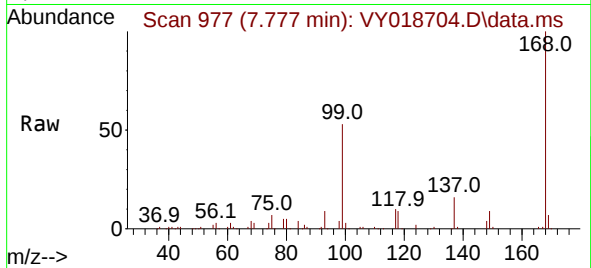




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018704.D
Acq: 26 Jun 2024 13:51

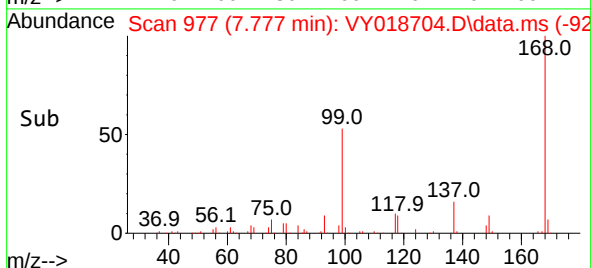
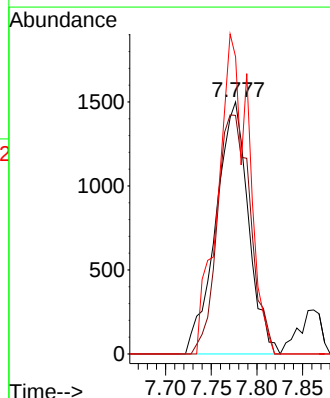
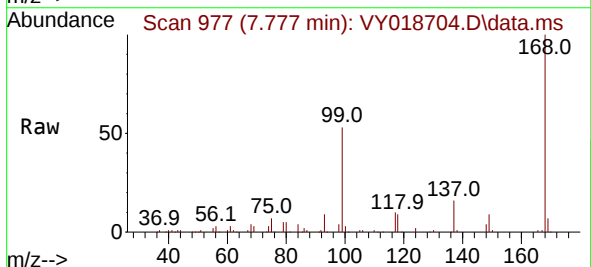
Instrument :
MSVOA_Y
ClientSampleId :
10AB

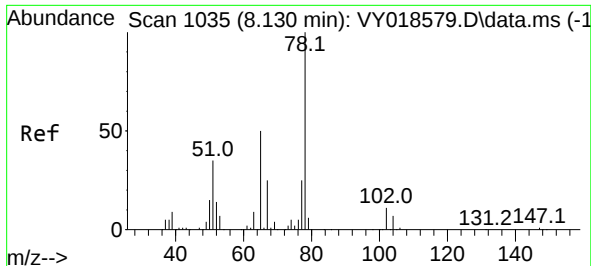
Tgt Ion:168 Resp: 101285
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#31
Cyclohexane
Concen: 2.387 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY018704.D
Acq: 26 Jun 2024 13:51

Tgt Ion: 56 Resp: 3728
Ion Ratio Lower Upper
56 100
69 94.7 28.7 43.1#
84 118.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 51.128 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018704.D

Acq: 26 Jun 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

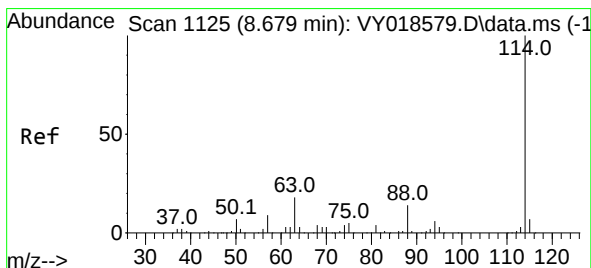
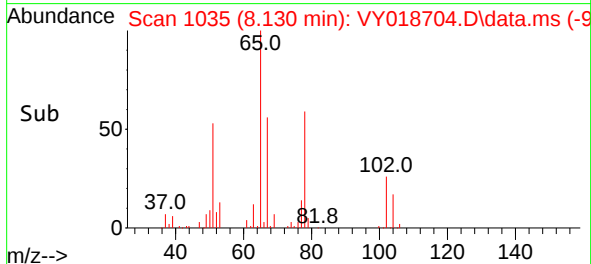
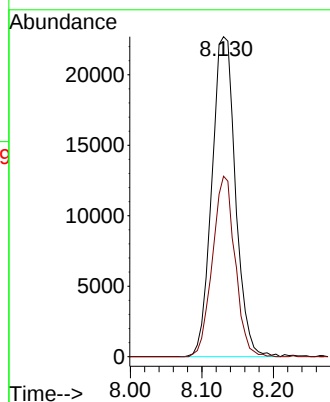
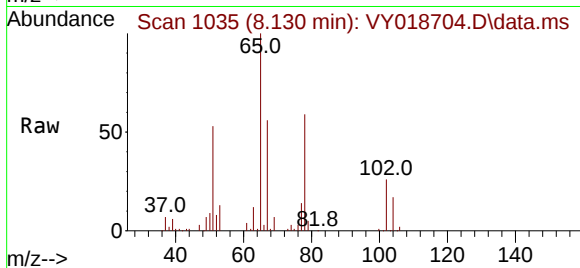
10AB

Tgt Ion: 65 Resp: 52137

Ion Ratio Lower Upper

65 100

67 53.9 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: VY018704.D

Acq: 26 Jun 2024 13:51

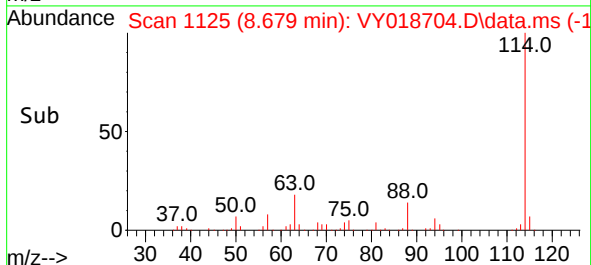
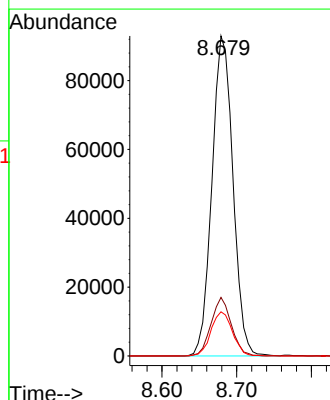
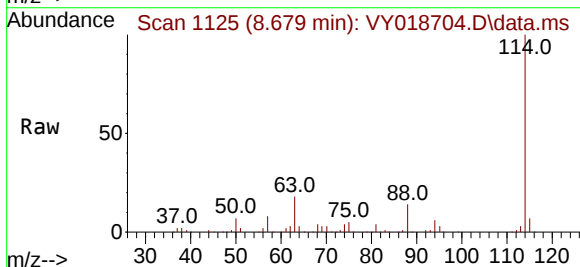
Tgt Ion: 114 Resp: 181971

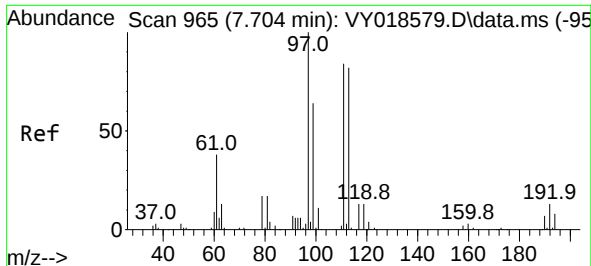
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 13.8 0.0 27.2

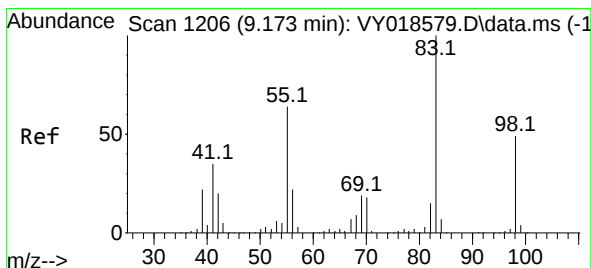
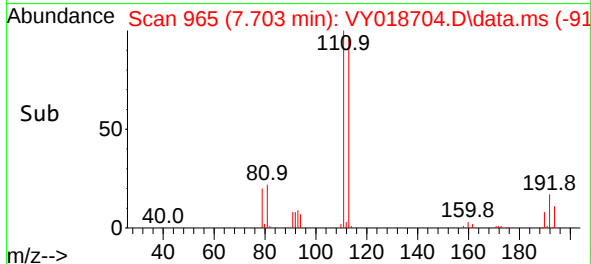
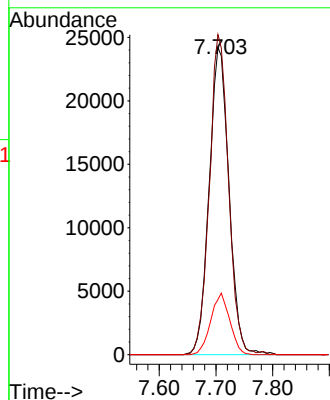
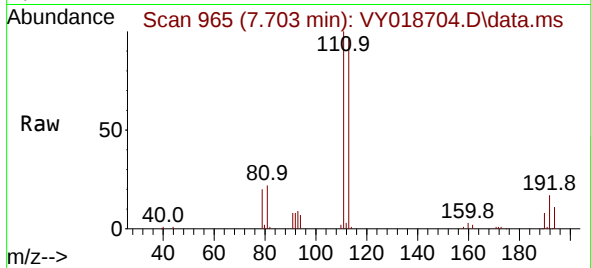




#35
Dibromofluoromethane
Concen: 53.058 ug/l
RT: 7.703 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018704.D
Acq: 26 Jun 2024 13:51

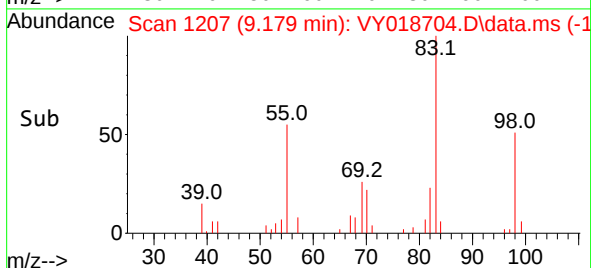
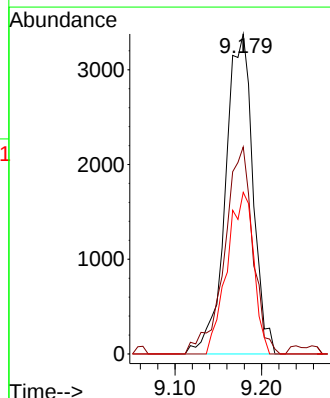
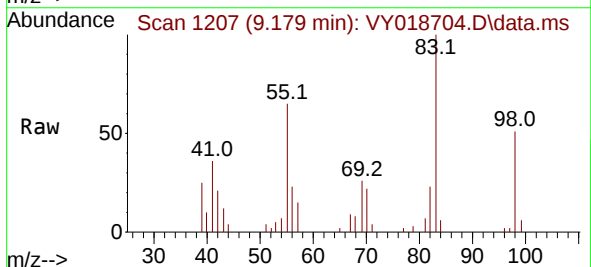
Instrument :
MSVOA_Y
ClientSampleId :
10AB

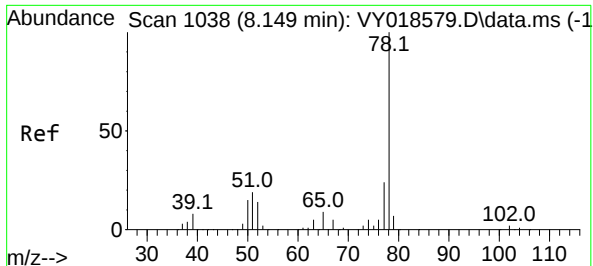
Tgt Ion:113 Resp: 58897
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.4
192 19.2 15.9 23.9



#39
Methylcyclohexane
Concen: 3.961 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.006 min
Lab File: VY018704.D
Acq: 26 Jun 2024 13:51

Tgt Ion: 83 Resp: 7416
Ion Ratio Lower Upper
83 100
55 64.7 51.5 77.3
98 50.5 40.5 60.7

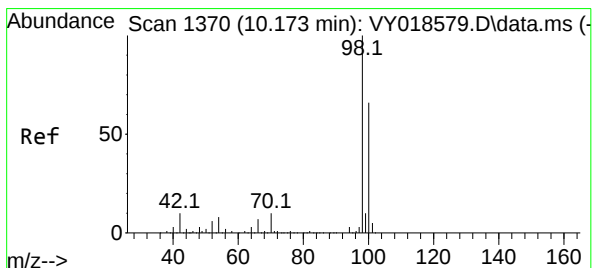
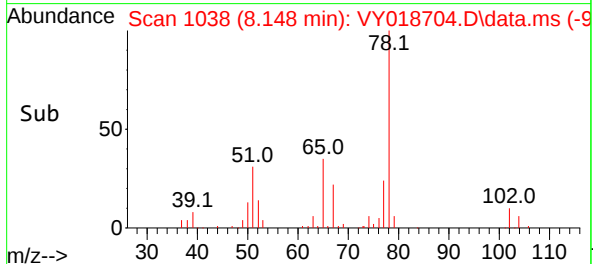
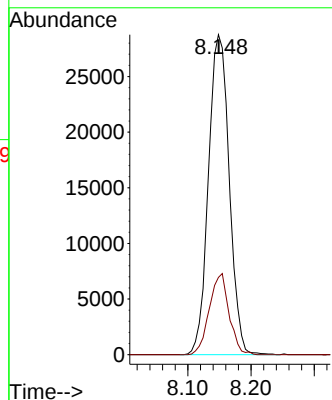
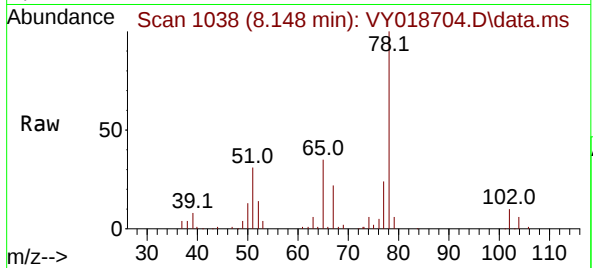




#40
Benzene
Concen: 13.895 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY018704.D
Acq: 26 Jun 2024 13:51

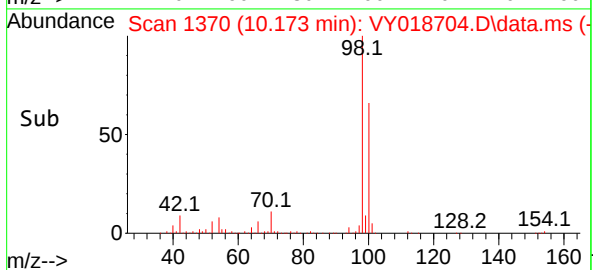
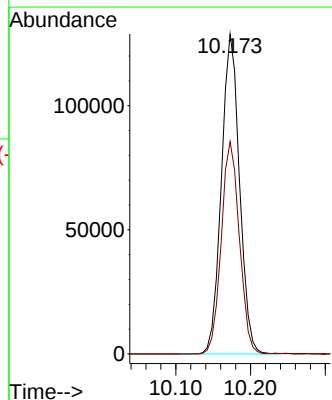
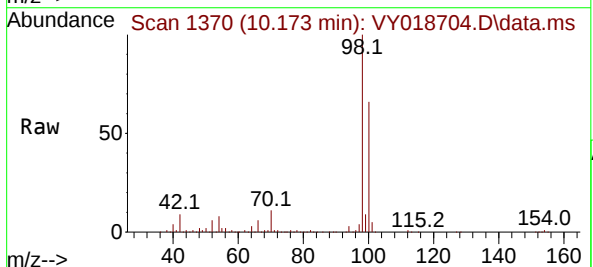
Instrument :
MSVOA_Y
ClientSampleId :
10AB

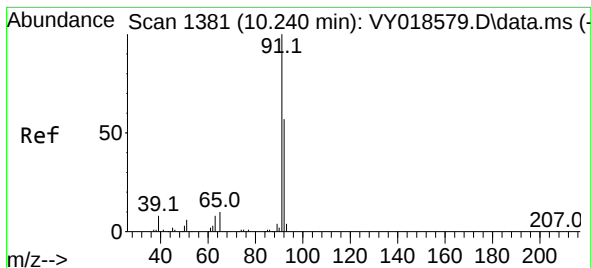
Tgt Ion: 78 Resp: 65660
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3



#50
Toluene-d8
Concen: 51.003 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018704.D
Acq: 26 Jun 2024 13:51

Tgt Ion: 98 Resp: 217725
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0





#52

Toluene

Concen: 42.441 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY018704.D

Acq: 26 Jun 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

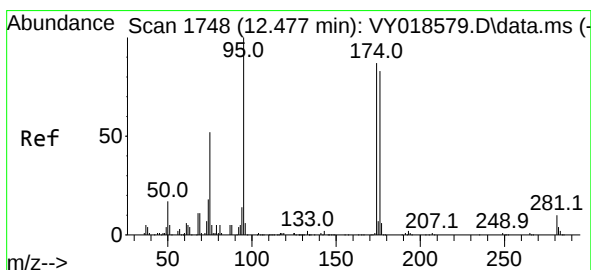
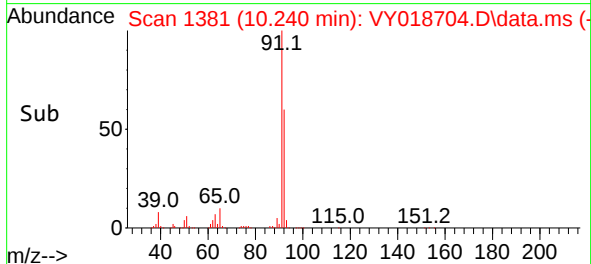
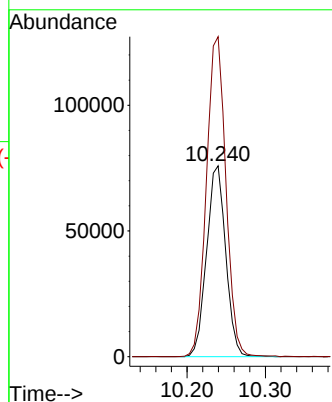
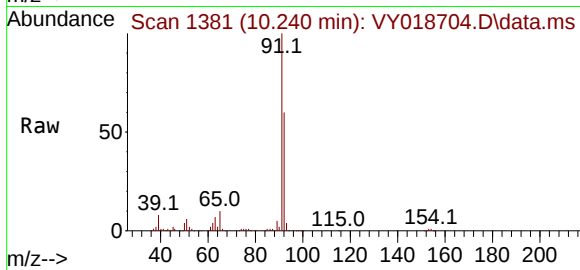
10AB

Tgt Ion: 92 Resp: 128763

Ion Ratio Lower Upper

92 100

91 170.6 139.0 208.6



#62

4-Bromofluorobenzene

Concen: 52.190 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018704.D

Acq: 26 Jun 2024 13:51

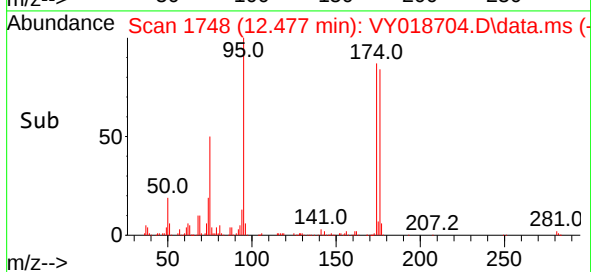
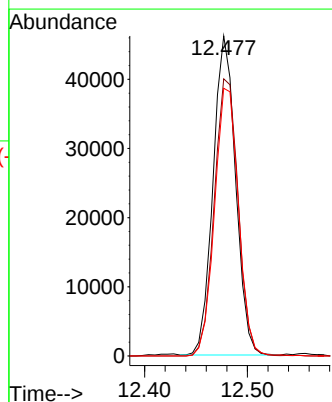
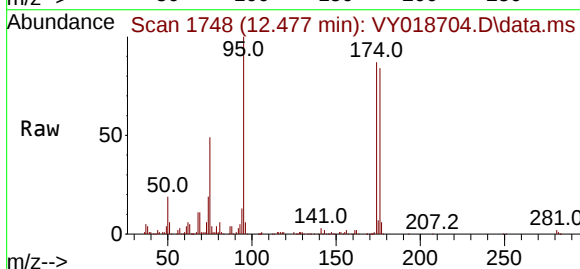
Tgt Ion: 95 Resp: 70352

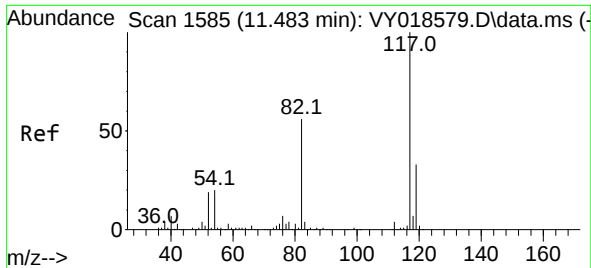
Ion Ratio Lower Upper

95 100

174 91.9 0.0 175.6

176 88.8 0.0 171.4

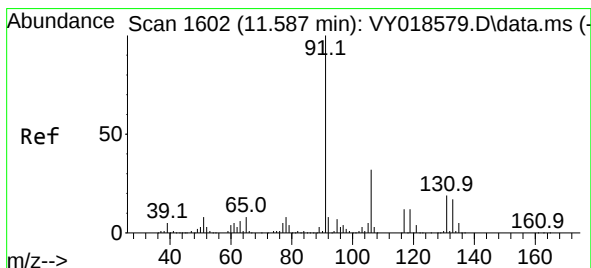
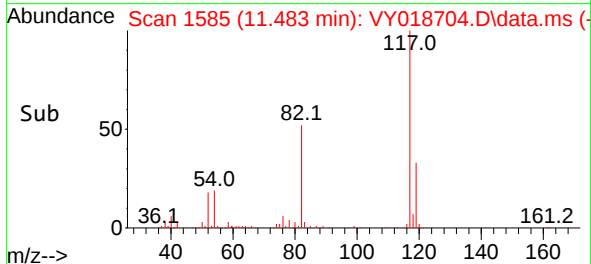
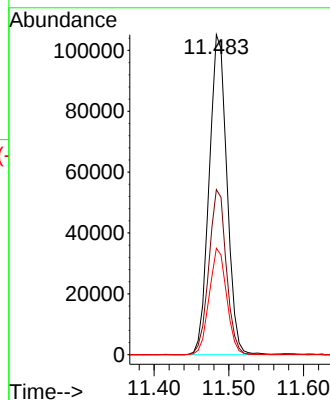
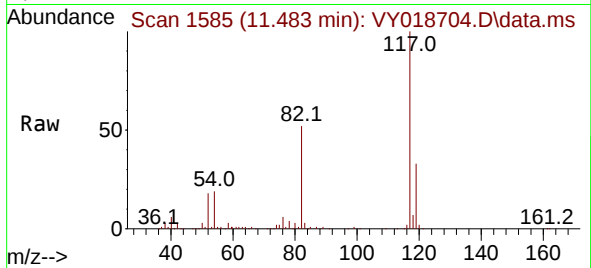




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018704.D
Acq: 26 Jun 2024 13:51

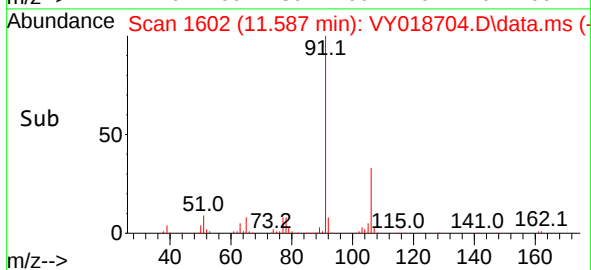
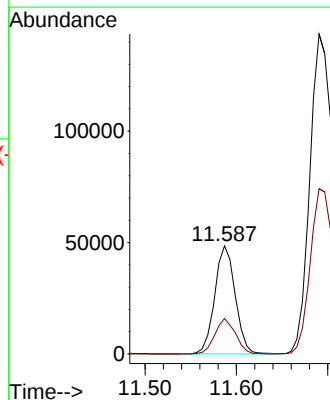
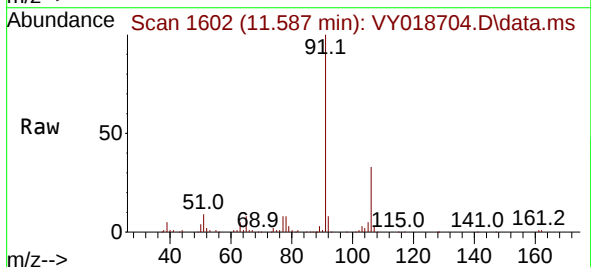
Instrument :
MSVOA_Y
ClientSampleId :
10AB

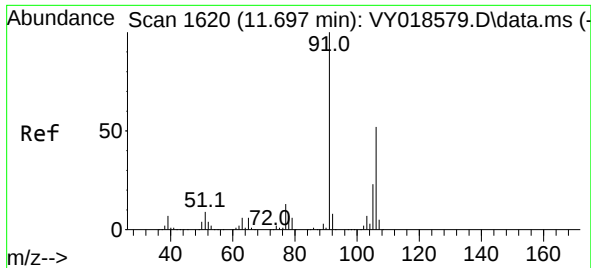
Tgt Ion:117 Resp: 173620
Ion Ratio Lower Upper
117 100
82 51.6 42.4 63.6
119 33.2 25.9 38.9



#67
Ethyl Benzene
Concen: 12.162 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018704.D
Acq: 26 Jun 2024 13:51

Tgt Ion: 91 Resp: 75688
Ion Ratio Lower Upper
91 100
106 32.8 24.5 36.7

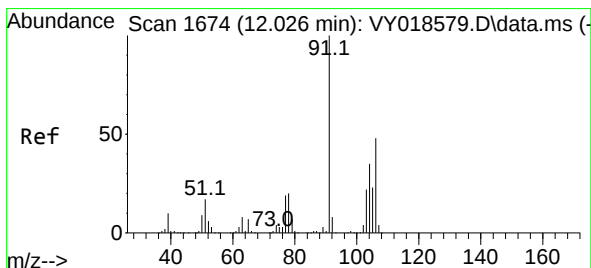
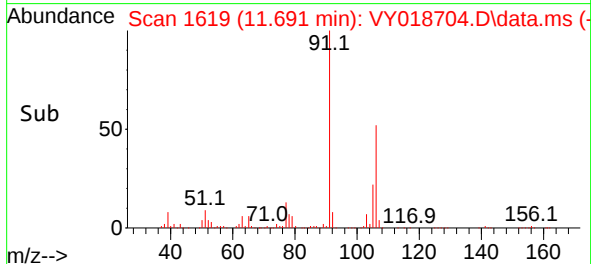
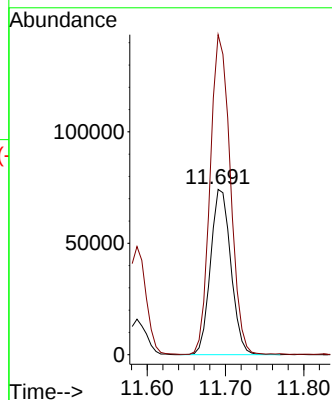
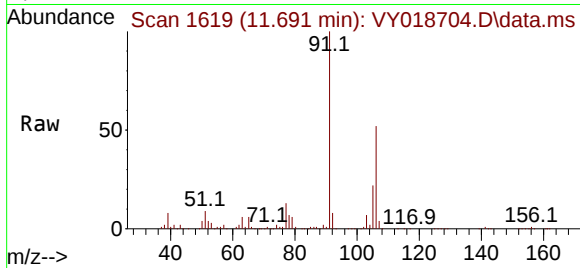




#68
m/p-Xylenes
Concen: 55.245 ug/l
RT: 11.691 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VY018704.D
Acq: 26 Jun 2024 13:51

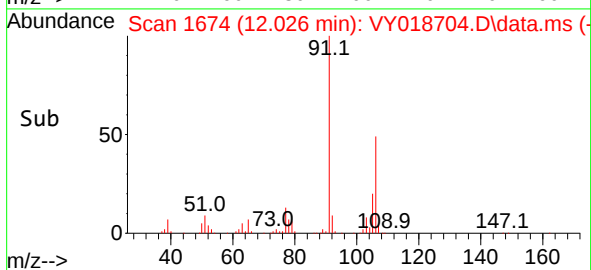
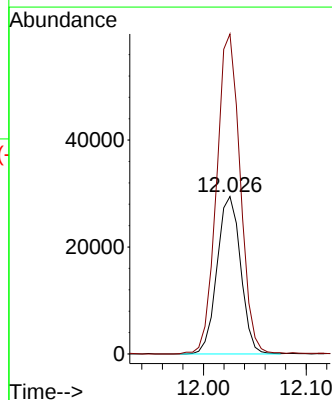
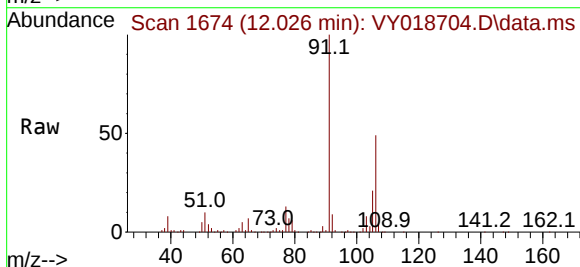
Instrument :
MSVOA_Y
ClientSampleId :
10AB

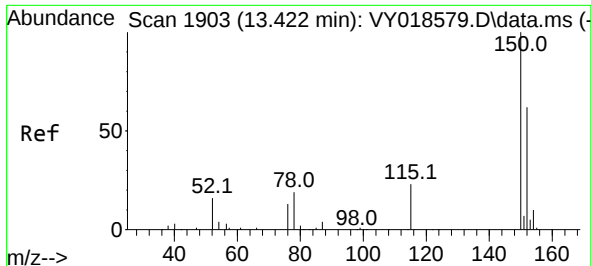
Tgt Ion:106 Resp: 133780
Ion Ratio Lower Upper
106 100
91 191.4 156.0 234.0



#69
o-Xylene
Concen: 20.129 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY018704.D
Acq: 26 Jun 2024 13:51

Tgt Ion:106 Resp: 46874
Ion Ratio Lower Upper
106 100
91 204.5 103.6 310.8

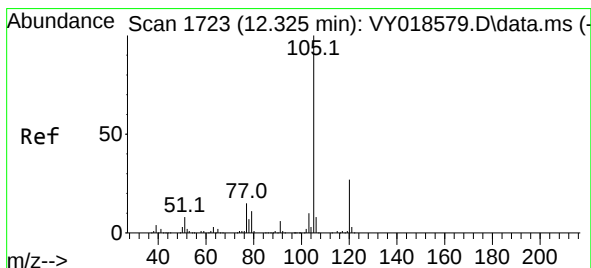
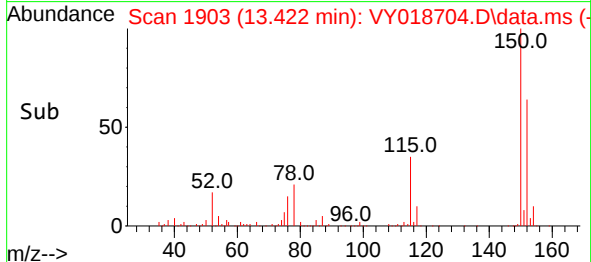
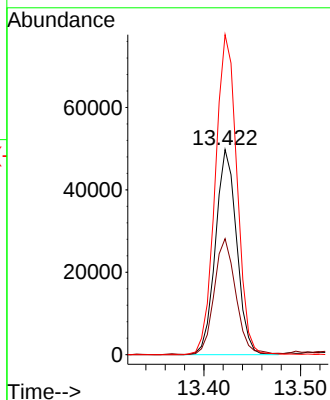
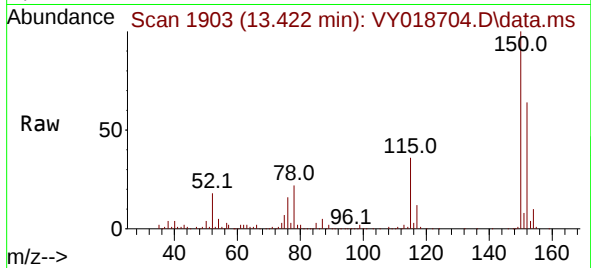




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018704.D
Acq: 26 Jun 2024 13:51

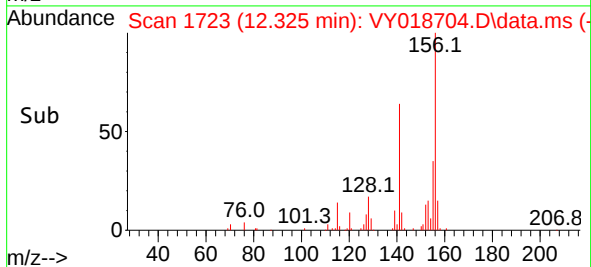
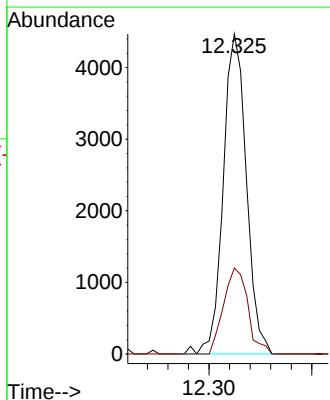
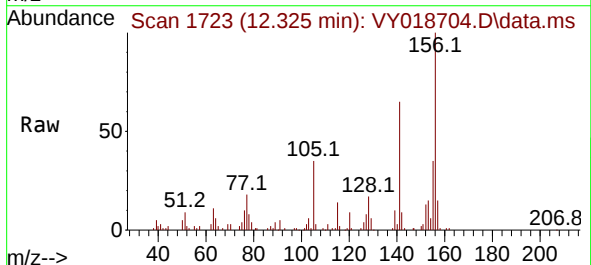
Instrument :
MSVOA_Y
ClientSampleId :
10AB

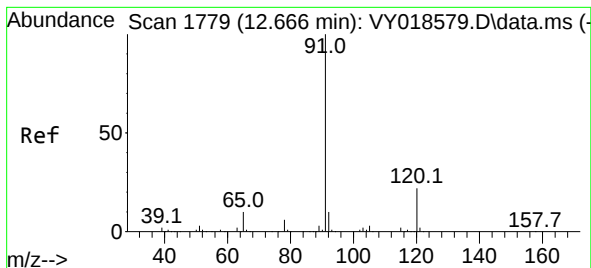
Tgt Ion:152 Resp: 75666
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 160.0 0.0 345.6



#73
Isopropylbenzene
Concen: 1.265 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY018704.D
Acq: 26 Jun 2024 13:51

Tgt Ion:105 Resp: 6990
Ion Ratio Lower Upper
105 100
120 28.1 13.4 40.1





#78

n-propylbenzene

Concen: 2.292 ug/l

RT: 12.666 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018704.D

Acq: 26 Jun 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

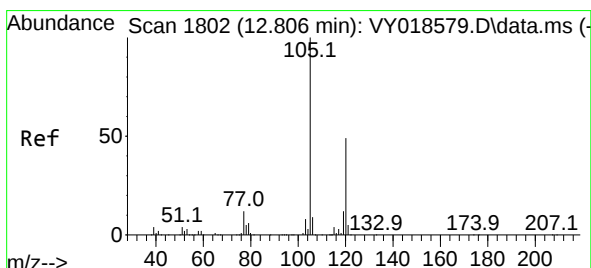
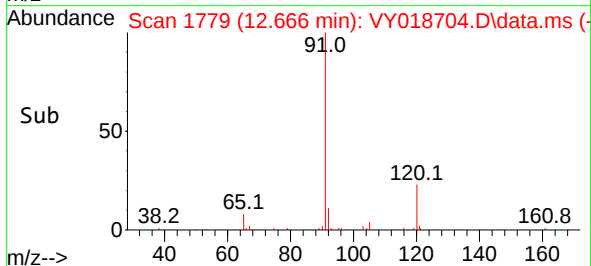
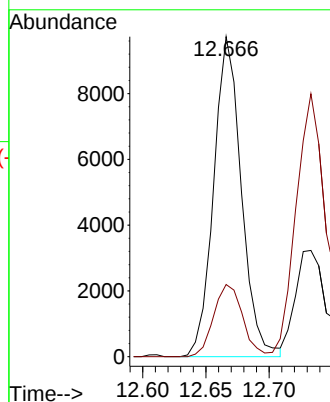
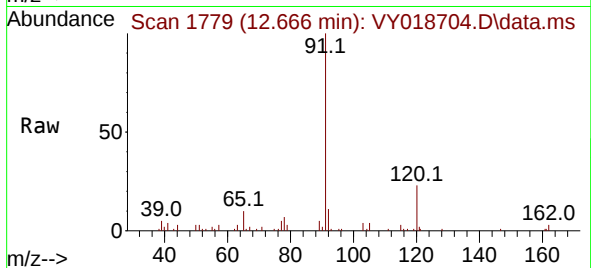
10AB

Tgt Ion: 91 Resp: 14820

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 4.534 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.000 min

Lab File: VY018704.D

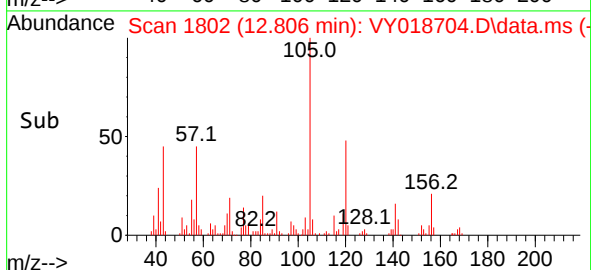
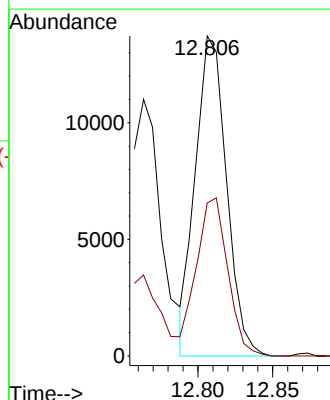
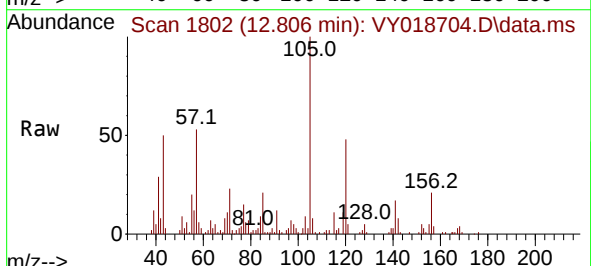
Acq: 26 Jun 2024 13:51

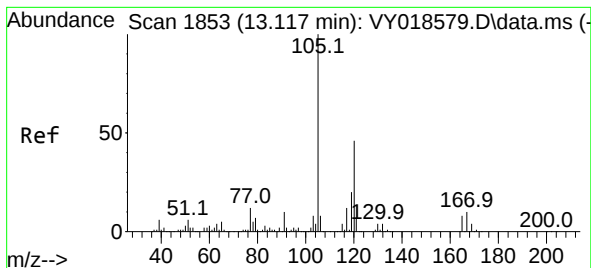
Tgt Ion: 105 Resp: 19854

Ion Ratio Lower Upper

105 100

120 49.8 25.1 75.2





#84

1,2,4-Trimethylbenzene

Concen: 11.022 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018704.D

Acq: 26 Jun 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

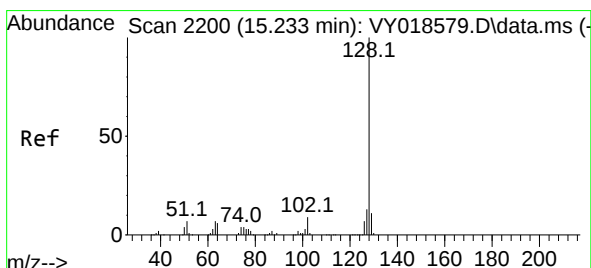
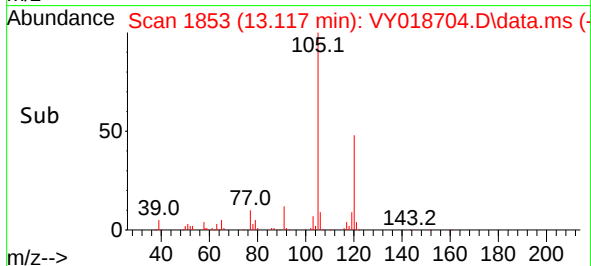
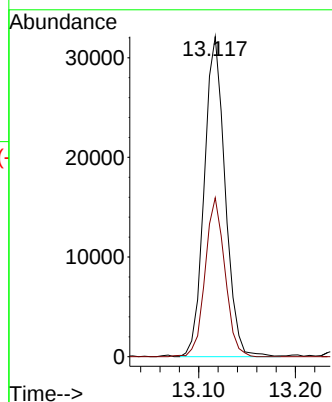
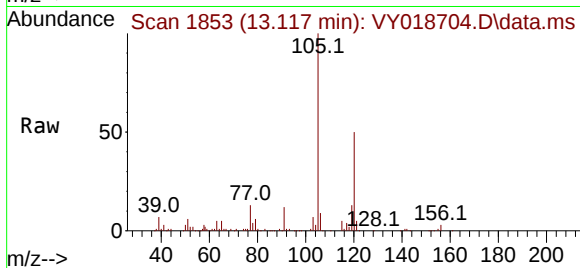
10AB

Tgt Ion:105 Resp: 48241

Ion Ratio Lower Upper

105 100

120 47.1 23.2 69.6



#95

Naphthalene

Concen: 97.131 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY018704.D

Acq: 26 Jun 2024 13:51

Tgt Ion:128 Resp: 222645

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.6 8.6 13.0

