

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 :

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)

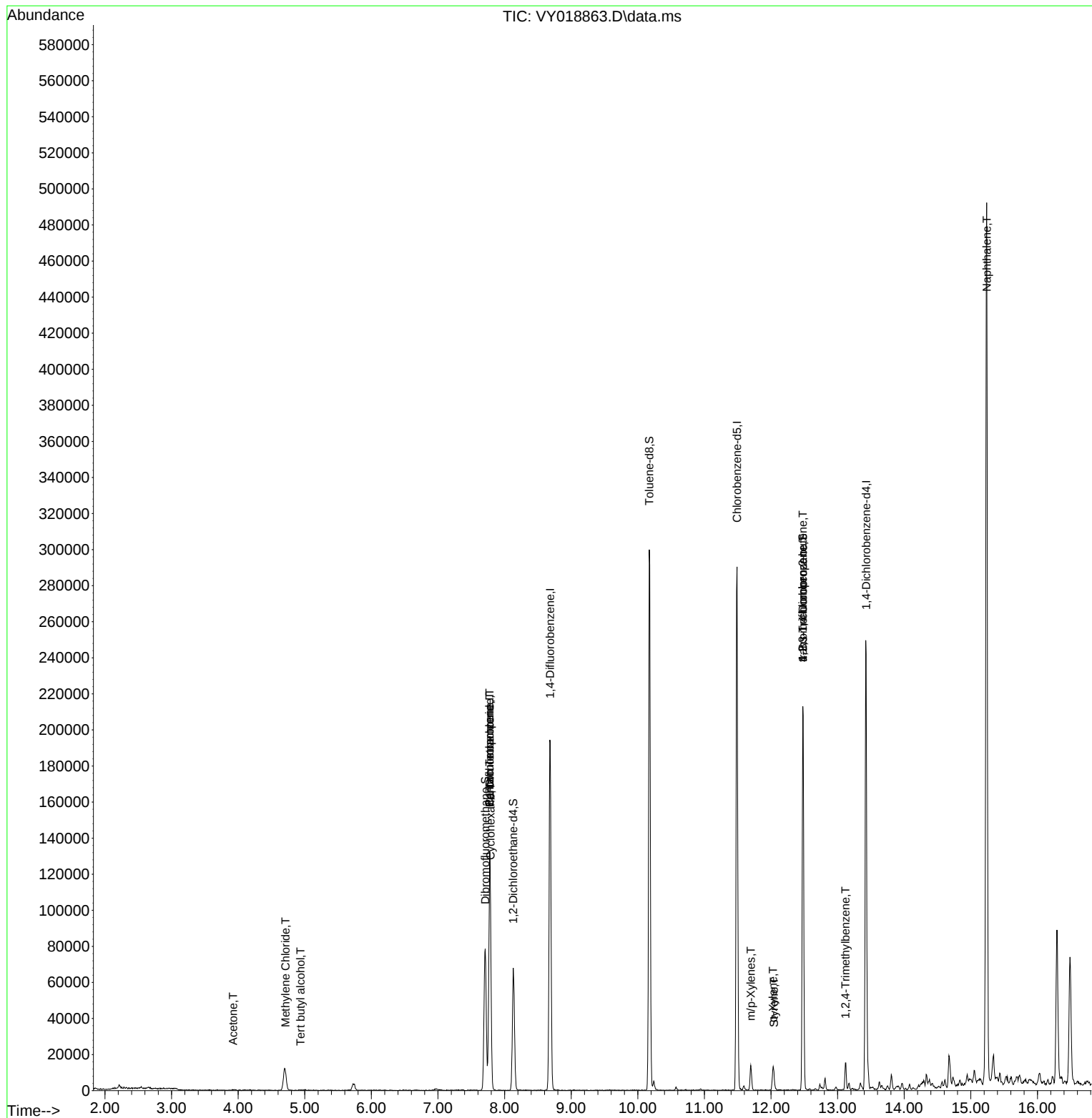
Internal Standards						
1) Pentafluorobenzene	7.777	168	101100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	174118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	159806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
11) Tert butyl alcohol	4.936	59	131	1.300	ug/l #	88
16) Acetone	3.924	43	299	1.630	ug/l #	36
20) Methylene Chloride	4.710	84	8870	3.970	ug/l	99
31) Cyclohexane	7.789	56	1893	1.239	ug/l #	42
36) 1,1-Dichloropropene	7.777	75	7292	4.845	ug/l #	49
38) Carbon Tetrachloride	7.777	117	9972	5.501	ug/l #	15
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
76) 1,2,3-Trichloropropane	12.477	75	35100	70.283	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35100	157.297	ug/l #	16
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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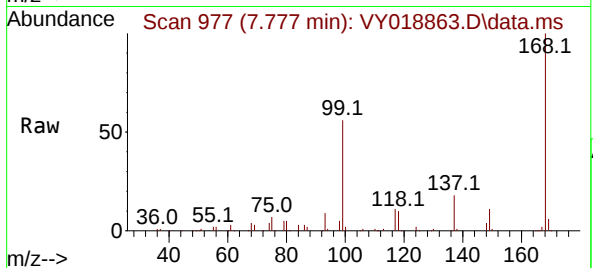
Quant Time: Jul 19 01:39:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
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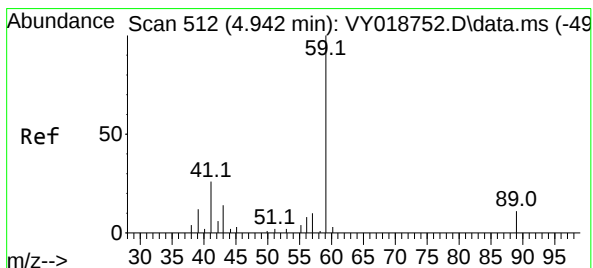
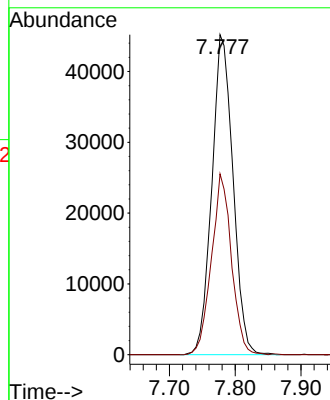
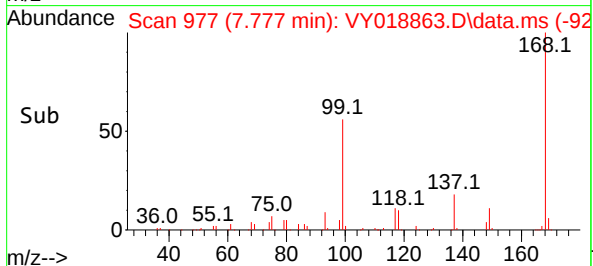


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018863.D
Acq: 18 Jul 2024 14:30

Instrument :
MSVOA_Y
ClientSampleId :

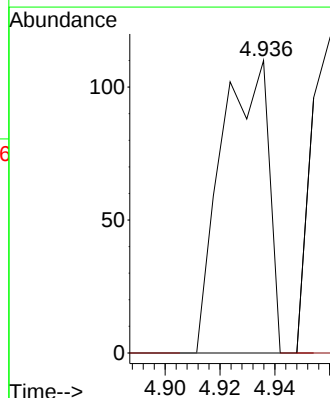
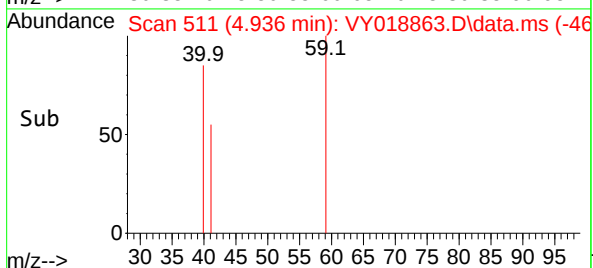
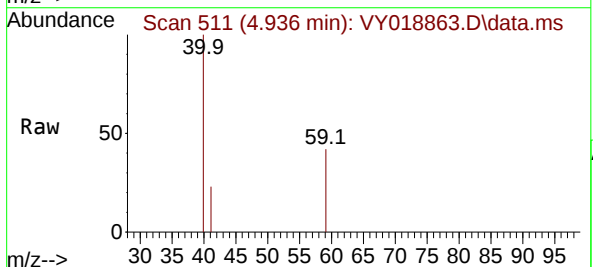


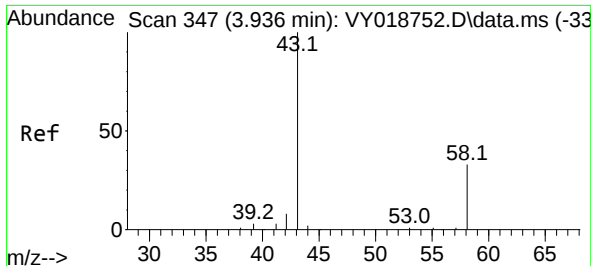
Tgt Ion:168 Resp: 101100
Ion Ratio Lower Upper
168 100
99 56.5 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.300 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018863.D
Acq: 18 Jul 2024 14:30

Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 1.630 ug/l

RT: 3.924 min Scan# 34

Delta R.T. -0.012 min

Lab File: VY018863.D

Acq: 18 Jul 2024 14:30

Instrument :

MSVOA_Y

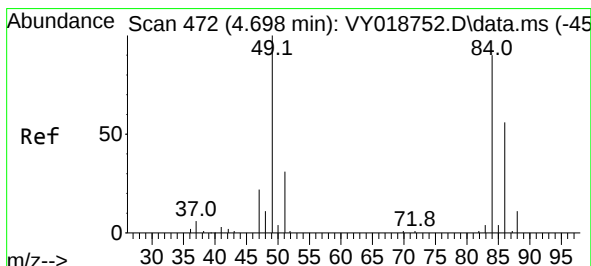
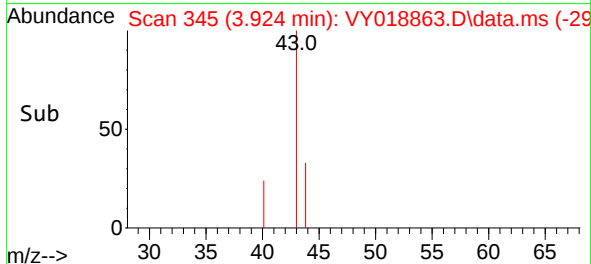
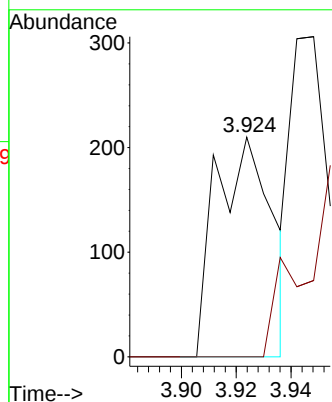
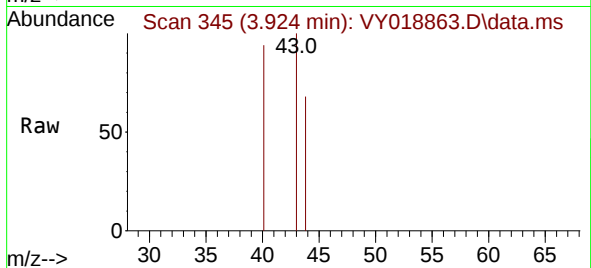
ClientSampleId :

Tgt Ion: 43 Resp: 299

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: 3.970 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.012 min

Lab File: VY018863.D

Acq: 18 Jul 2024 14:30

Tgt Ion: 84 Resp: 8870

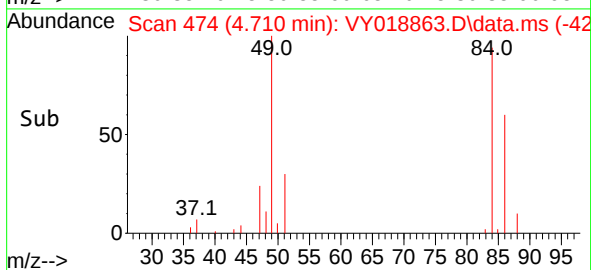
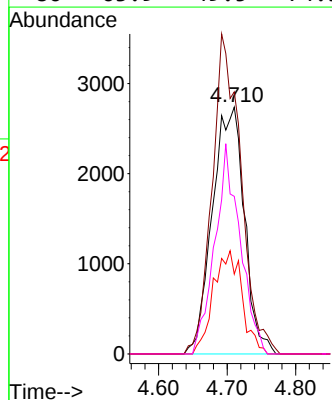
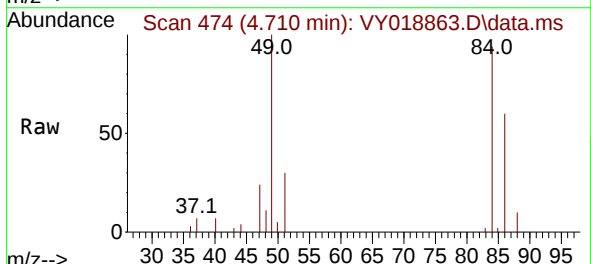
Ion Ratio Lower Upper

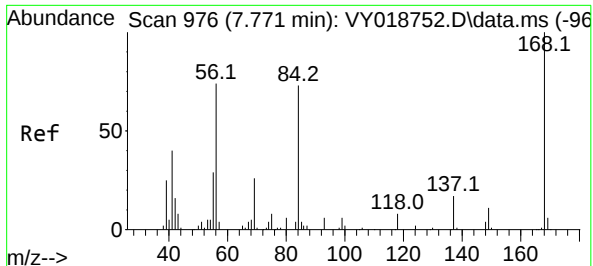
84 100

49 106.2 84.4 126.6

51 32.3 26.0 39.0

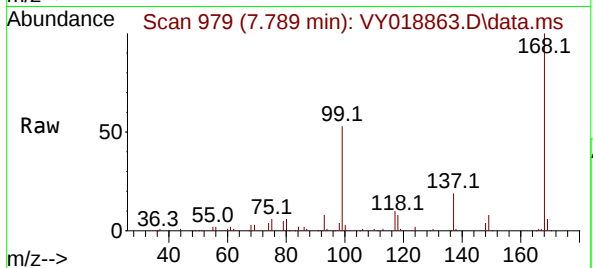
86 63.9 49.5 74.3



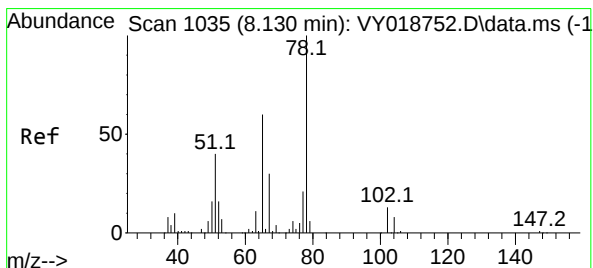
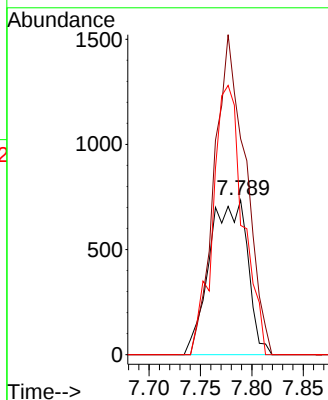
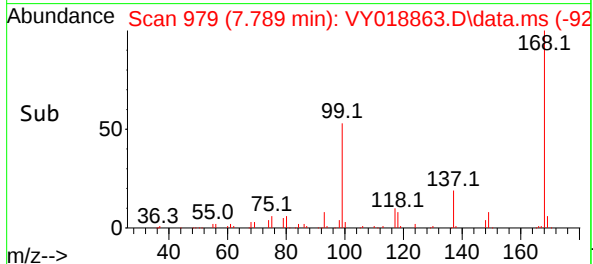


#31
Cyclohexane
Concen: 1.239 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY018863.D
Acq: 18 Jul 2024 14:30

Instrument :
MSVOA_Y
ClientSampleId :

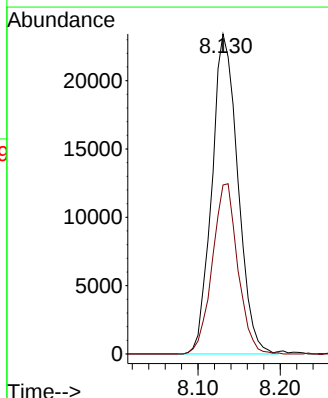
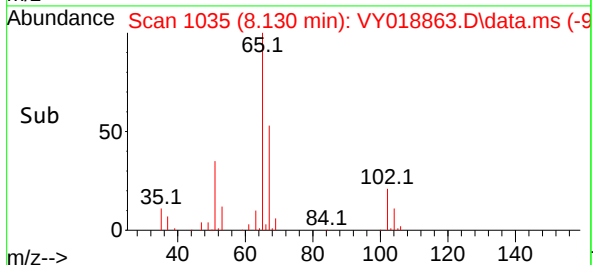
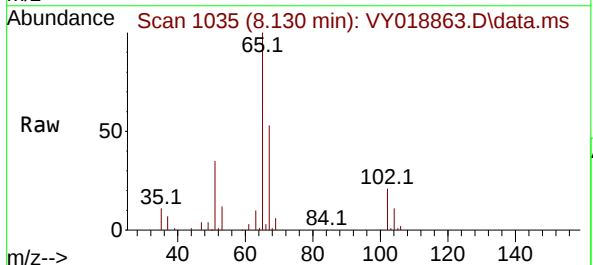


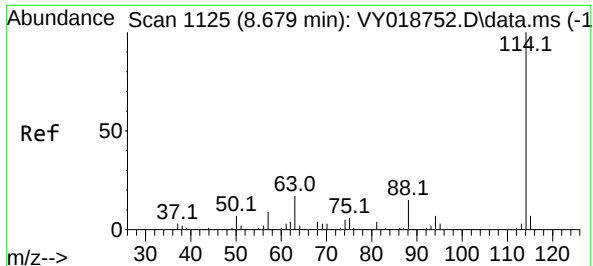
Tgt Ion: 56 Resp: 1893
Ion Ratio Lower Upper
56 100
69 139.7 28.7 43.1#
84 83.7 77.7 116.5



#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 :

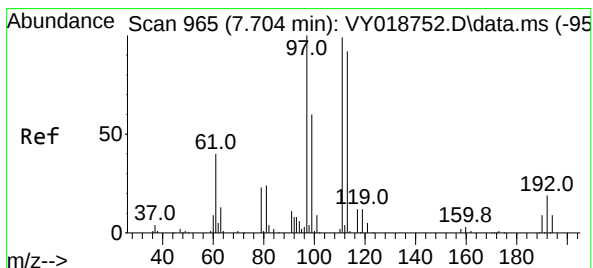
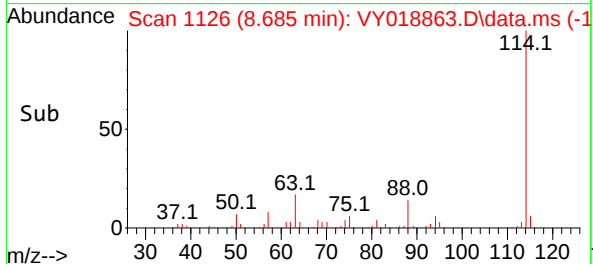
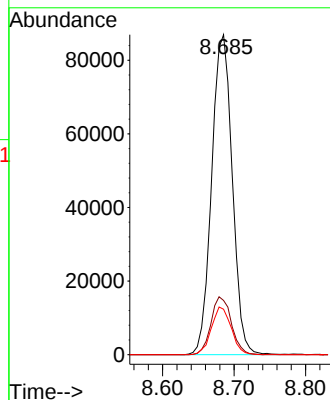
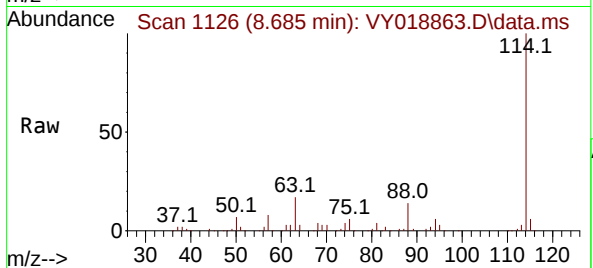
Tgt Ion:114 Resp: 174118

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

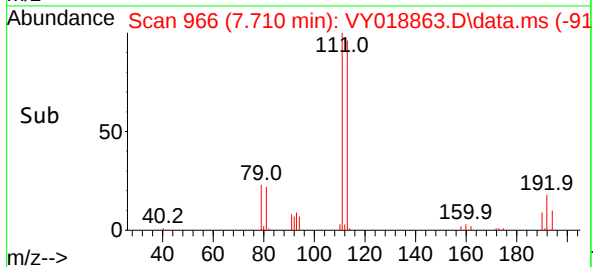
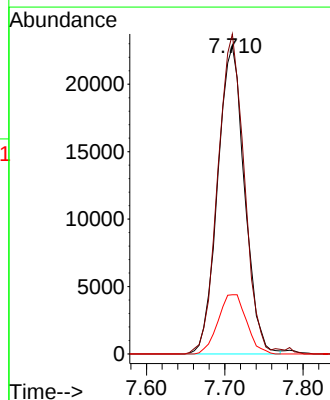
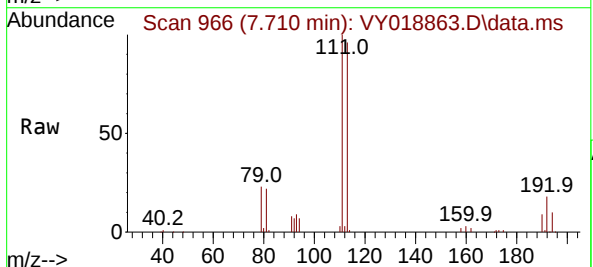
Tgt Ion:113 Resp: 54447

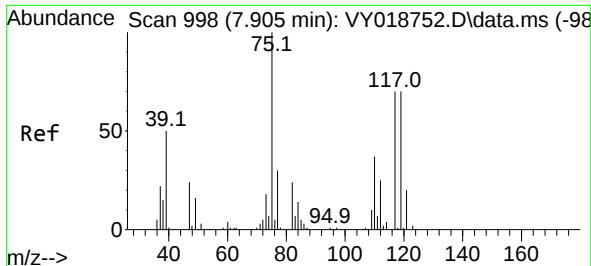
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 20.3 15.9 23.9

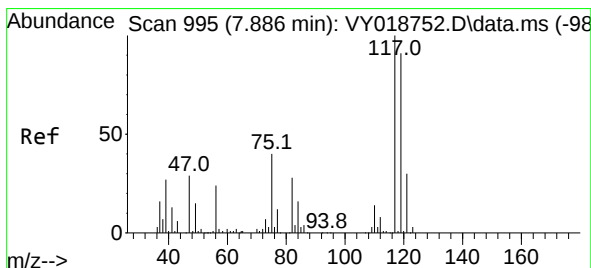
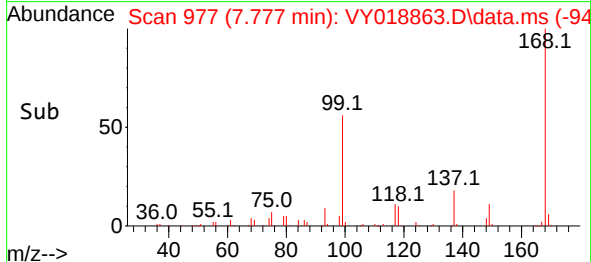
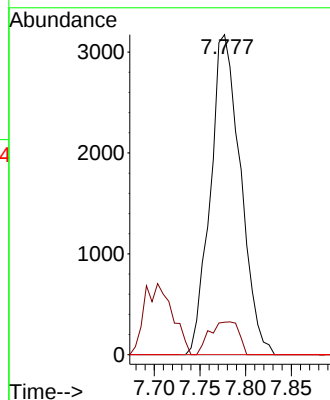
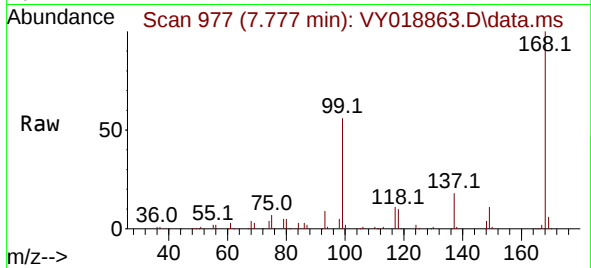




#36
1,1-Dichloropropene
Concen: 4.845 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY018863.D
Acq: 18 Jul 2024 14:30

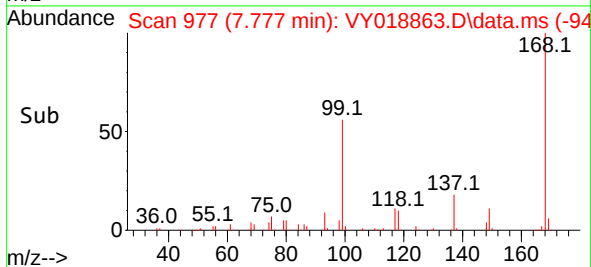
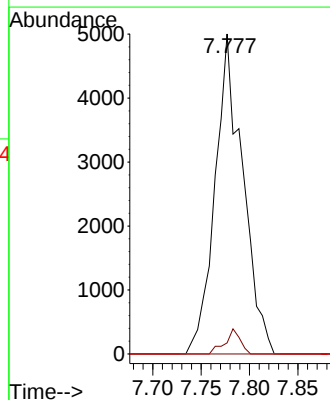
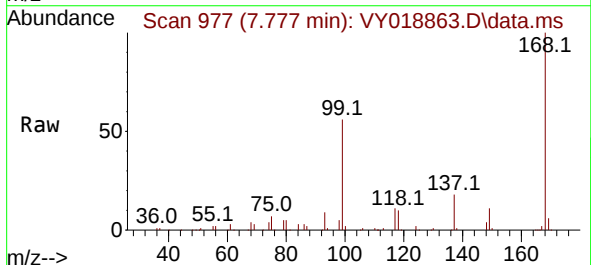
Instrument :
MSVOA_Y
ClientSampleId :

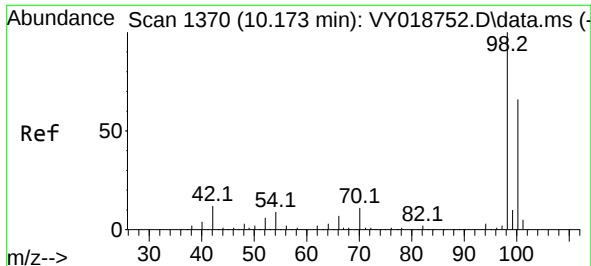
Tgt Ion: 75 Resp: 7292
Ion Ratio Lower Upper
75 100
110 10.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.501 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.110 min
Lab File: VY018863.D
Acq: 18 Jul 2024 14:30

Tgt Ion: 117 Resp: 9972
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.6#
121 0.0 24.0 36.0#

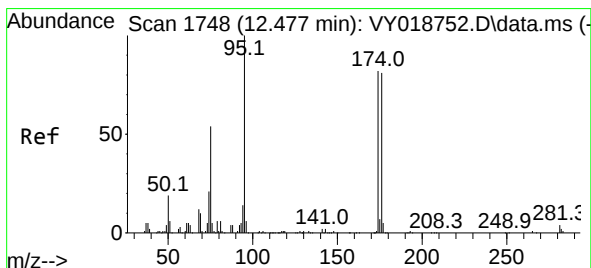
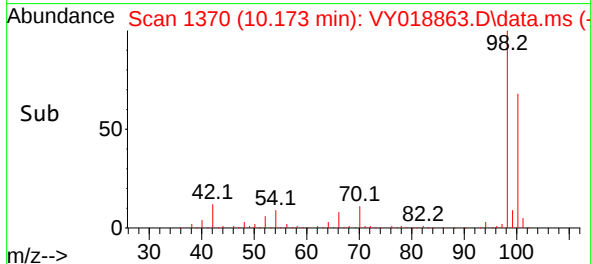
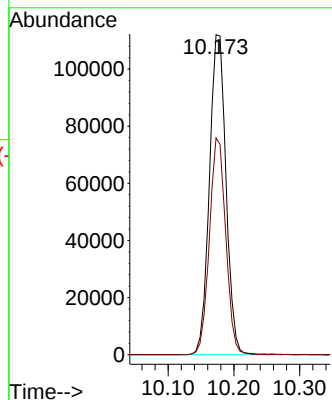
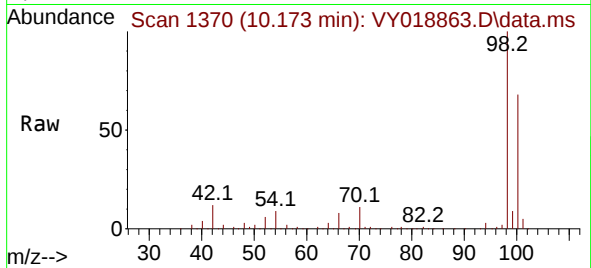




#50
Toluene-d8
Concen: 47.566 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018863.D
Acq: 18 Jul 2024 14:30

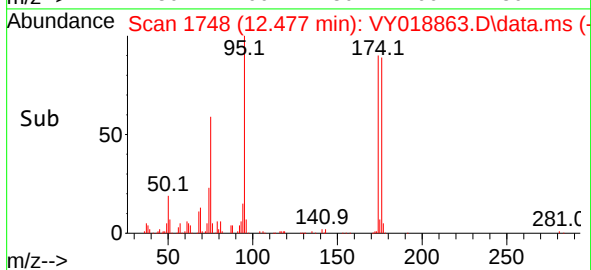
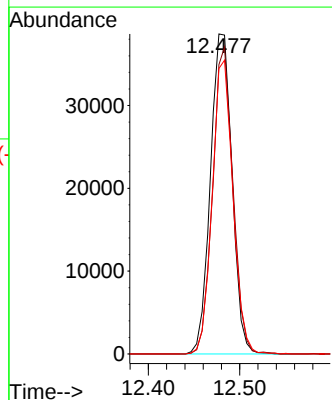
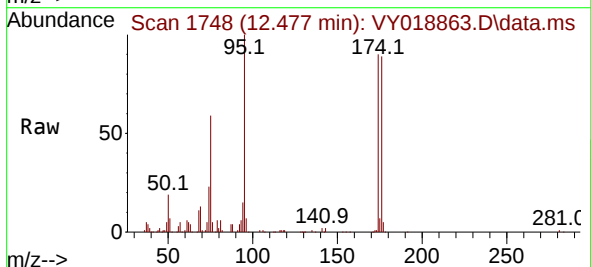
Instrument :
MSVOA_Y
ClientSampleId :

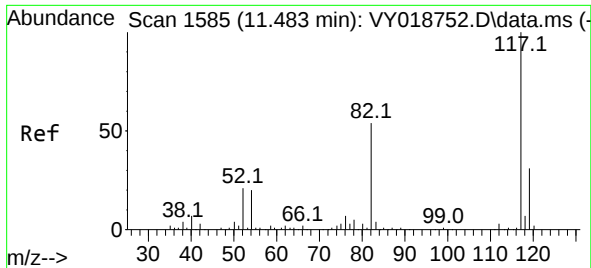
Tgt Ion: 98 Resp: 196525
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#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

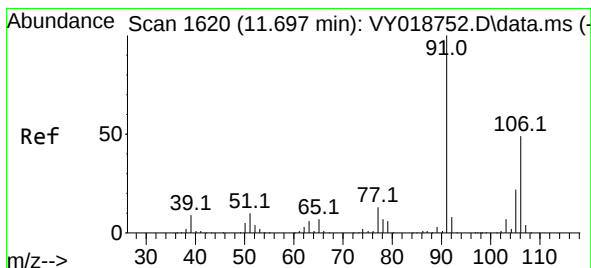
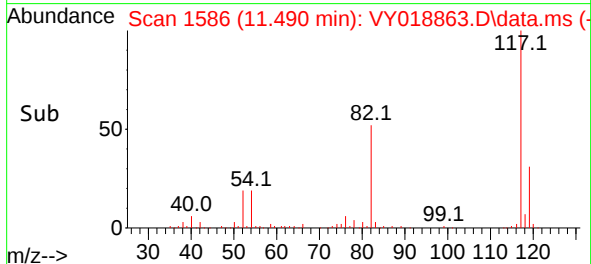
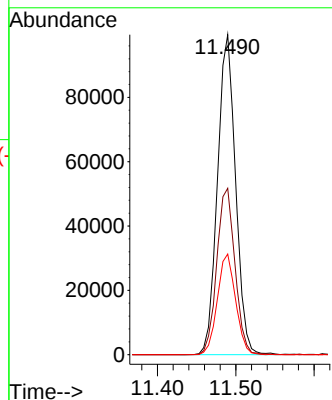
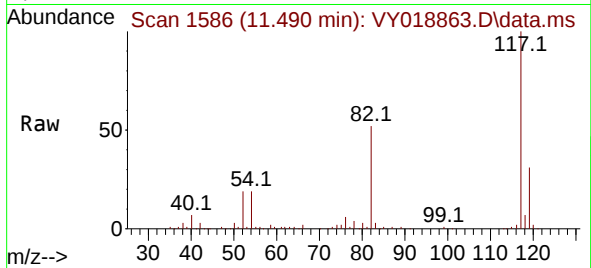




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018863.D
Acq: 18 Jul 2024 14:30

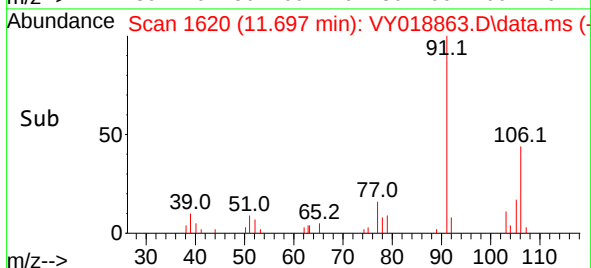
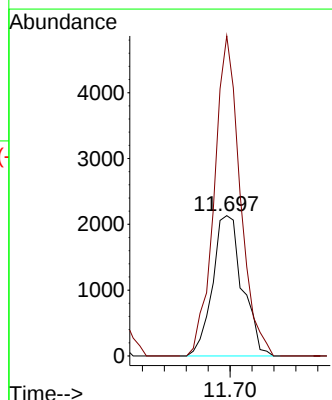
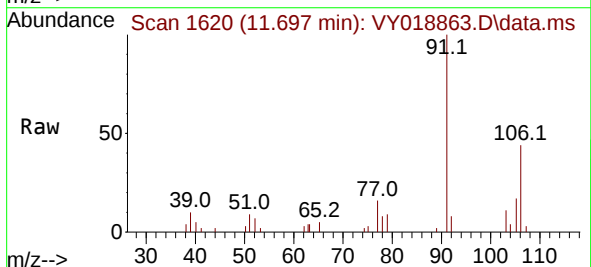
Instrument :
MSVOA_Y
ClientSampleId :

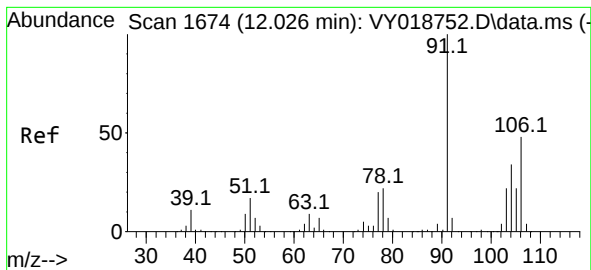
Tgt Ion:117 Resp: 159806
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 31.4 25.9 38.9



#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

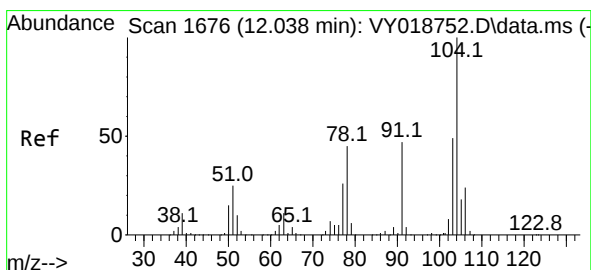
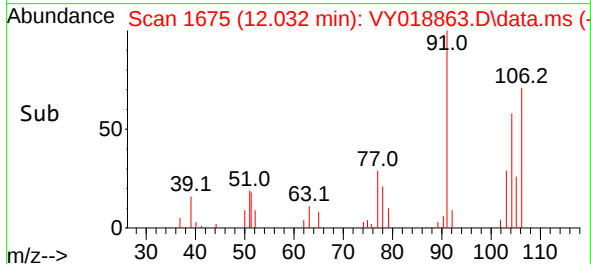
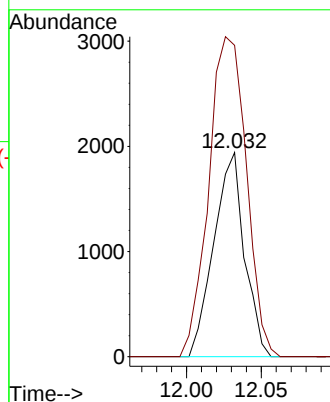
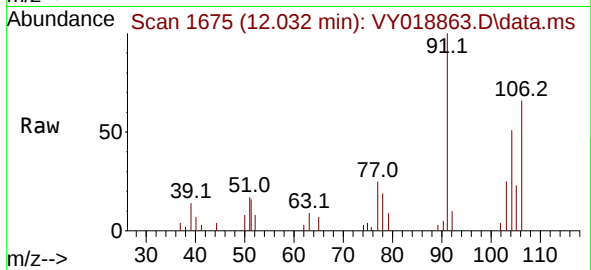
ClientSampleId :

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

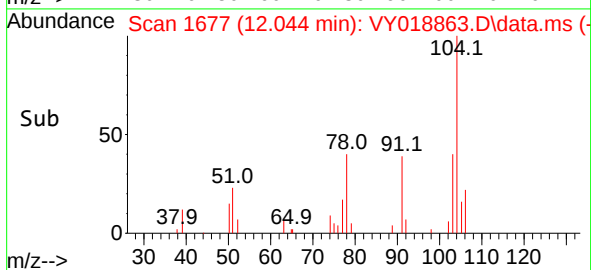
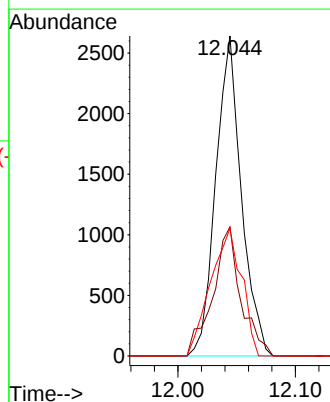
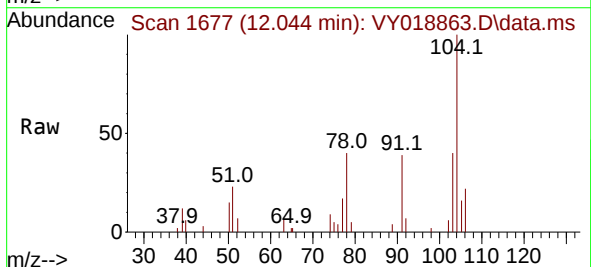
Tgt Ion:104 Resp: 3995

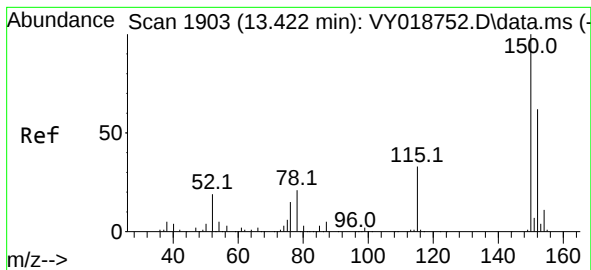
Ion Ratio Lower Upper

104 100

78 44.3 37.0 55.4

103 48.3 44.2 66.2

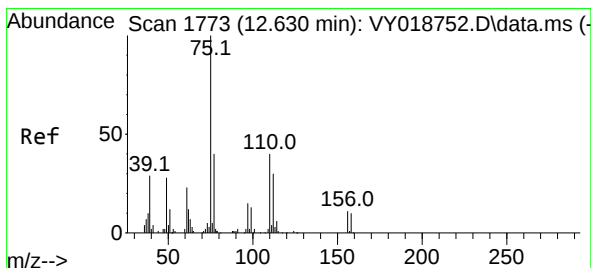
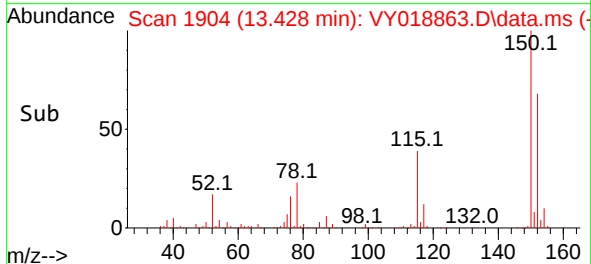
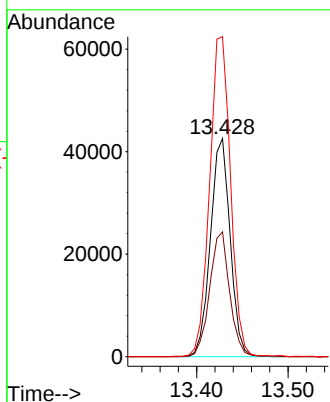
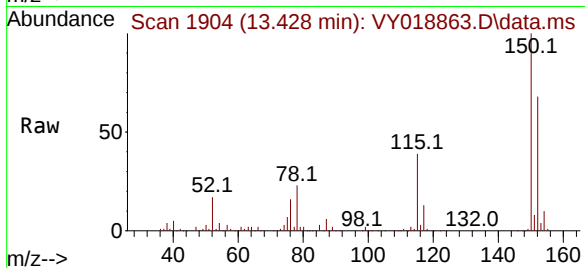




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY018863.D
Acq: 18 Jul 2024 14:30

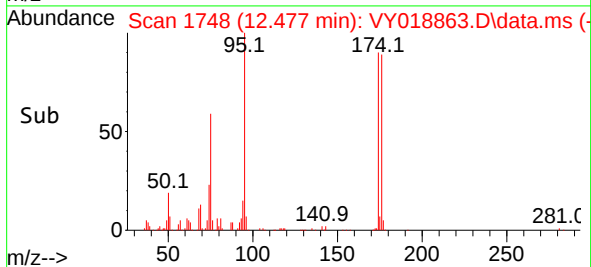
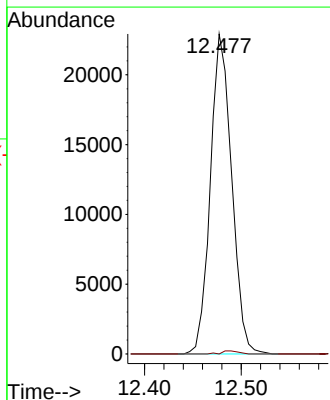
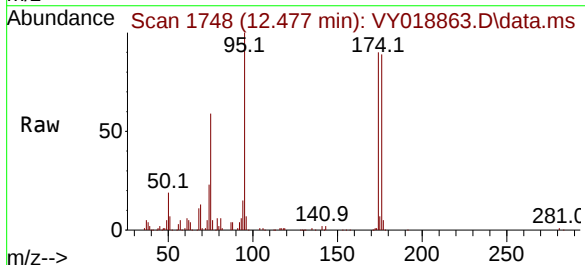
Instrument :
MSVOA_Y
ClientSampleId :

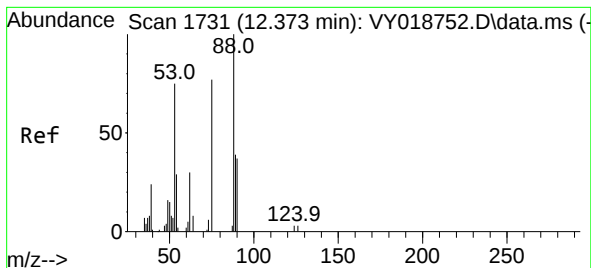
Tgt Ion:152 Resp: 63764
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 155.6 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 70.283 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018863.D
Acq: 18 Jul 2024 14:30

Tgt Ion: 75 Resp: 35100
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#

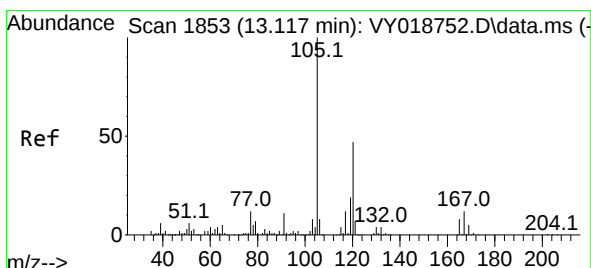
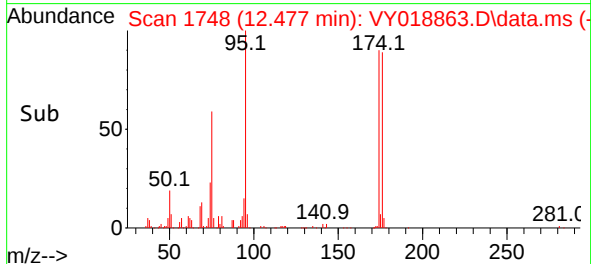
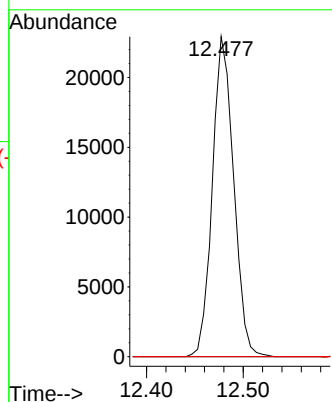
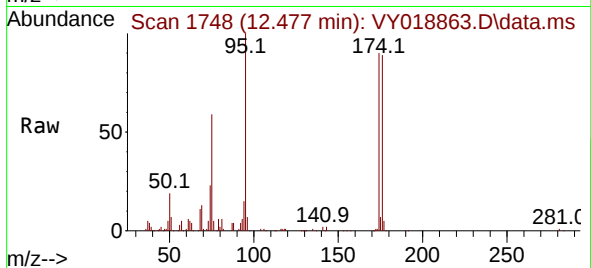




#81
trans-1,4-Dichloro-2-butene
Concen: 157.297 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018863.D
Acq: 18 Jul 2024 14:30

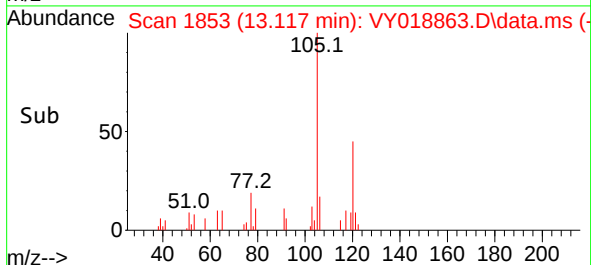
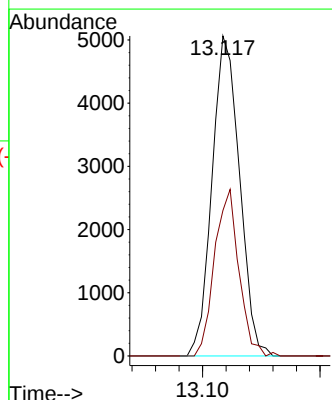
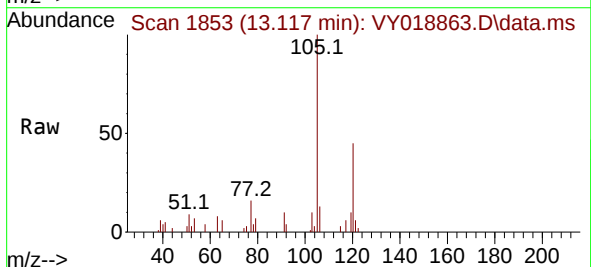
Instrument :
MSVOA_Y
ClientSampleId :

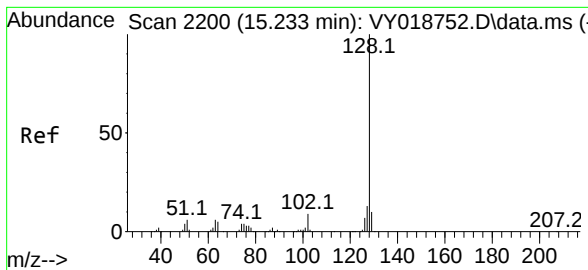
Tgt Ion: 75 Resp: 35100
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#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

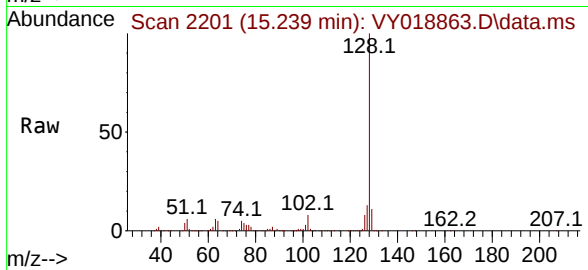
Tgt Ion: 105 Resp: 8224
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.6





#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 :



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

