

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018764.D
 Acq On : 10 Jul 2024 13:31
 Operator : SY/MD
 Sample : P3181-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 11 02:23:26 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)

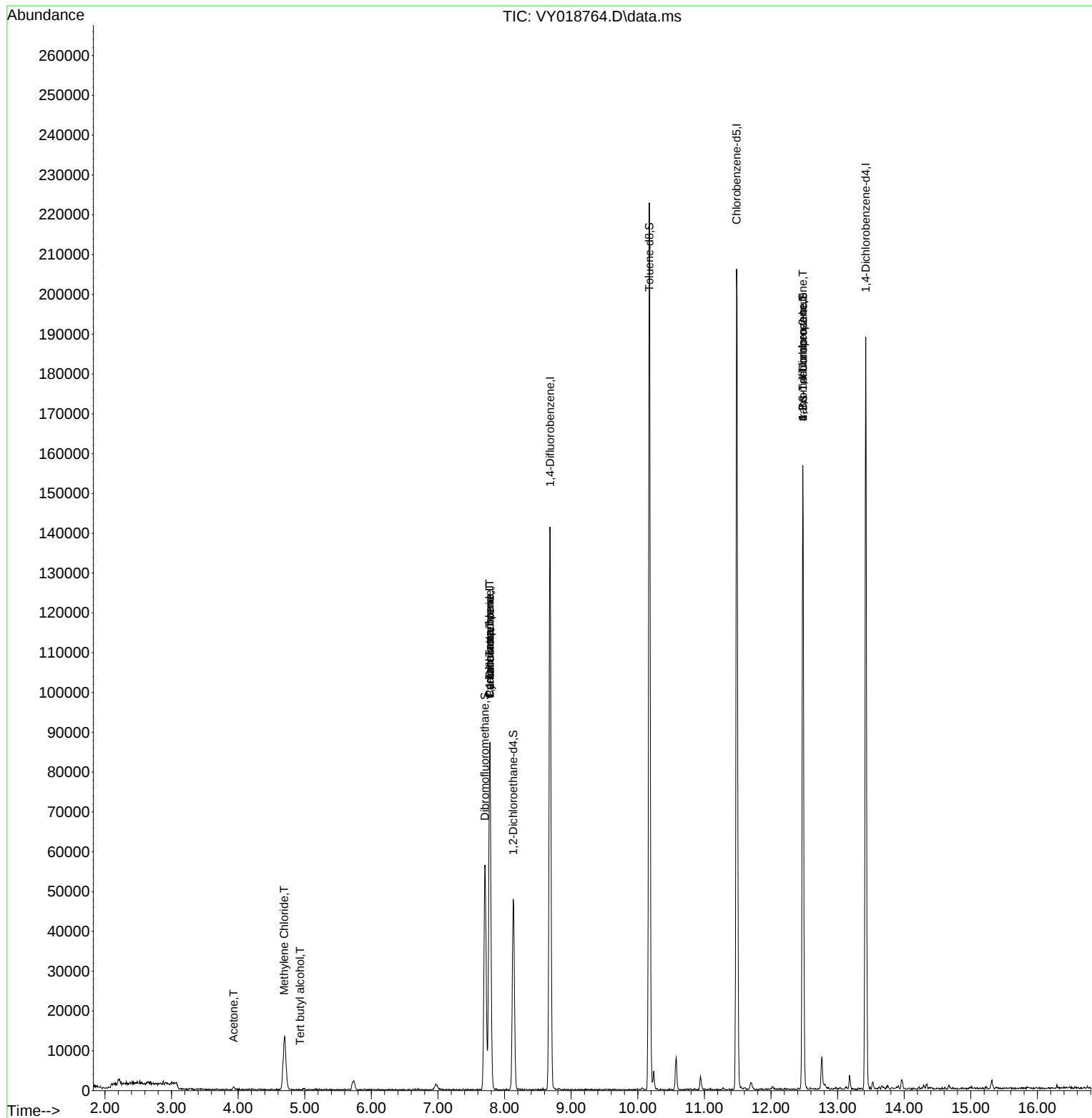
Internal Standards						
1) Pentafluorobenzene	7.783	168	69504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	123865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	113776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	36988	54.081	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.160%	
35) Dibromofluoromethane	7.704	113	39153	50.468	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.940%	
50) Toluene-d8	10.173	98	139558	47.482	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.960%	
62) 4-Bromofluorobenzene	12.477	95	46343	46.171	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	91	1.313	ug/l #	88
16) Acetone	3.930	43	761	6.035	ug/l #	77
20) Methylene Chloride	4.692	84	10321	10.535	ug/l	96
31) Cyclohexane	7.777	56	1605	1.527	ug/l #	35
36) 1,1-Dichloropropene	7.777	75	5193	4.850	ug/l #	50
38) Carbon Tetrachloride	7.777	117	6990	5.421	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	24683	67.543	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	24683	151.165	ug/l #	16

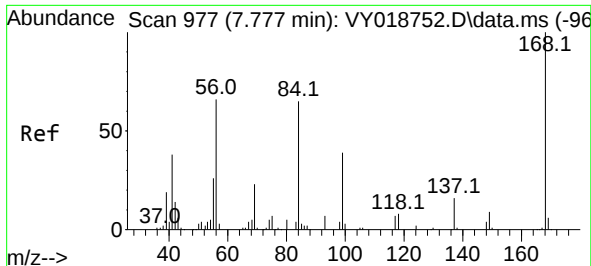
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
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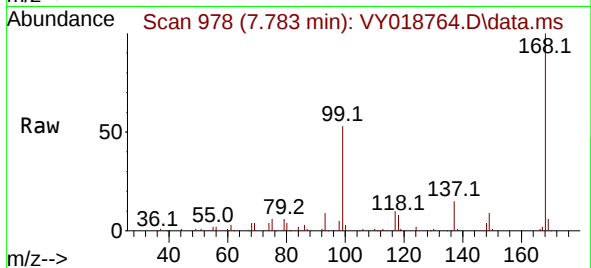
Quant Time: Jul 11 02:23:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
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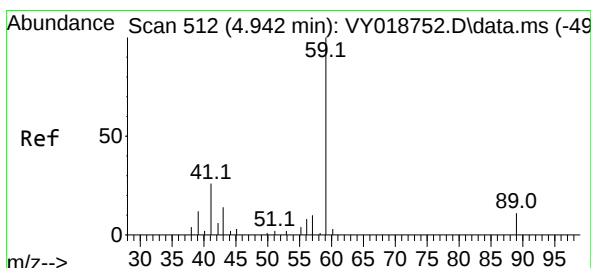
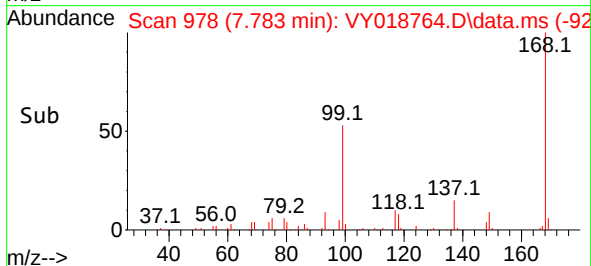
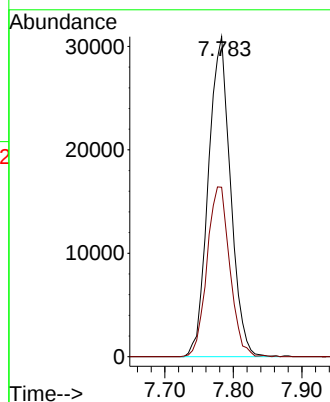


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018764.D
Acq: 10 Jul 2024 13:31

Instrument :
MSVOA_Y
ClientSampleId :

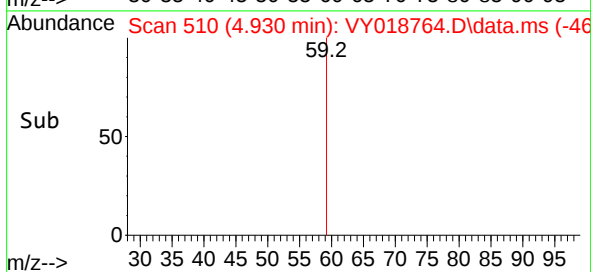
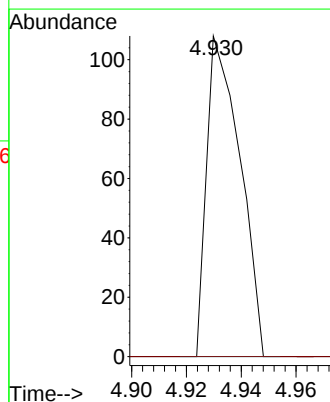
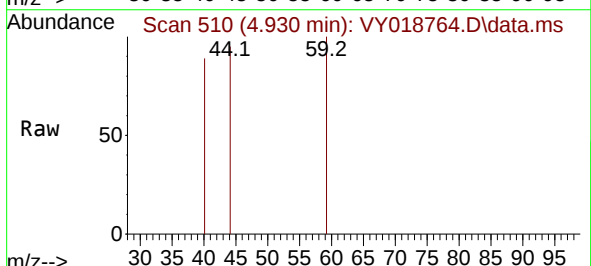


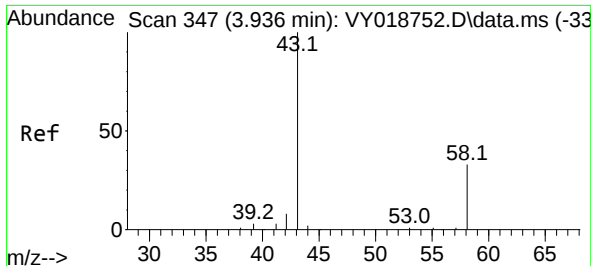
Tgt Ion:168 Resp: 69504
Ion Ratio Lower Upper
168 100
99 53.0 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.313 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY018764.D
Acq: 10 Jul 2024 13:31

Tgt Ion: 59 Resp: 91
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 6.035 ug/l

RT: 3.930 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY018764.D

Acq: 10 Jul 2024 13:31

Instrument :

MSVOA_Y

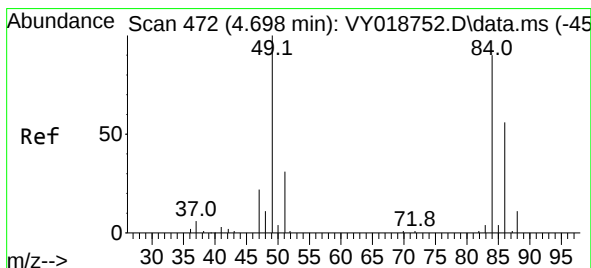
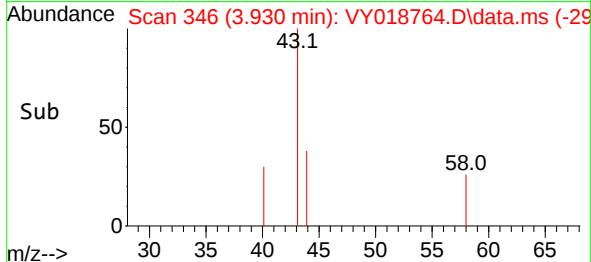
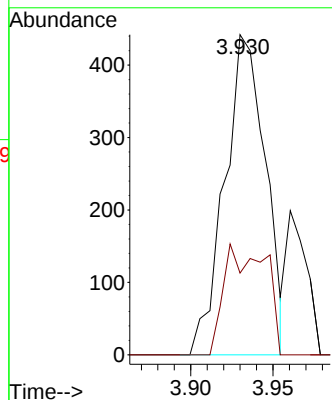
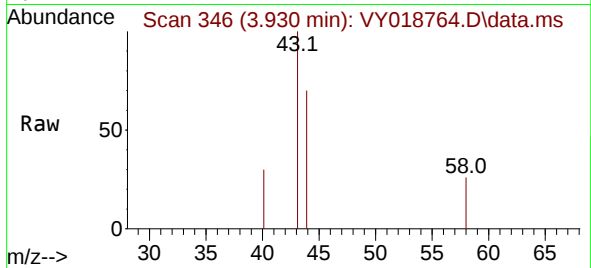
ClientSampleId :

Tgt Ion: 43 Resp: 761

Ion Ratio Lower Upper

43 100

58 25.6 31.7 47.5#



#20

Methylene Chloride

Concen: 10.535 ug/l

RT: 4.692 min Scan# 471

Delta R.T. -0.006 min

Lab File: VY018764.D

Acq: 10 Jul 2024 13:31

Tgt Ion: 84 Resp: 10321

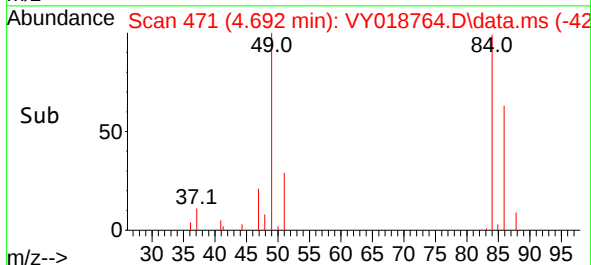
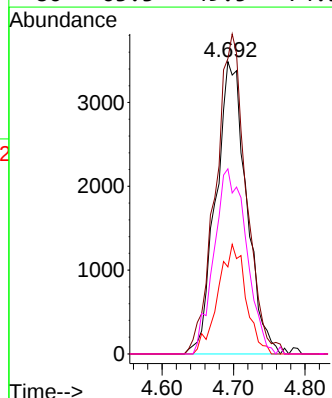
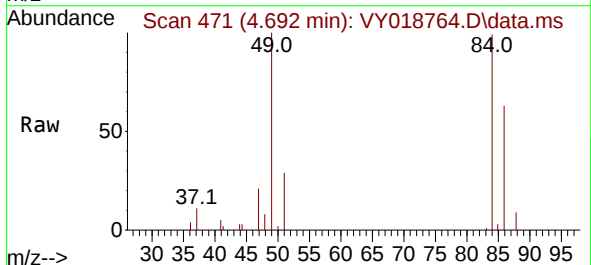
Ion Ratio Lower Upper

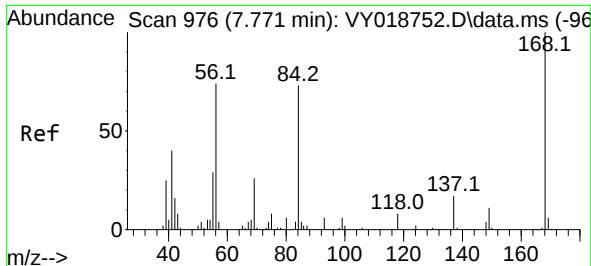
84 100

49 101.0 84.4 126.6

51 29.8 26.0 39.0

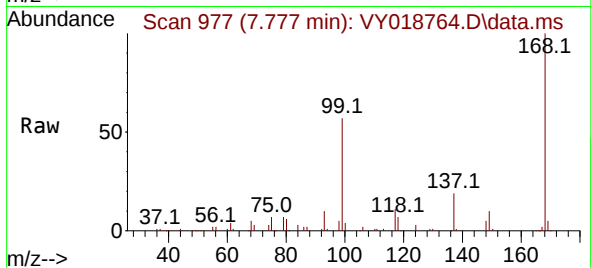
86 63.3 49.5 74.3



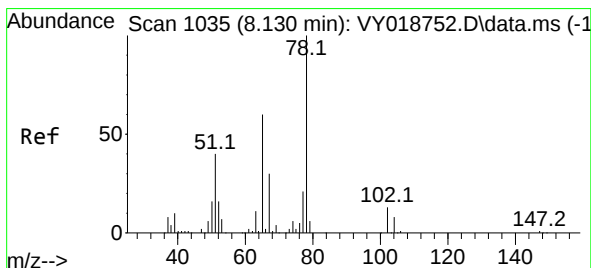
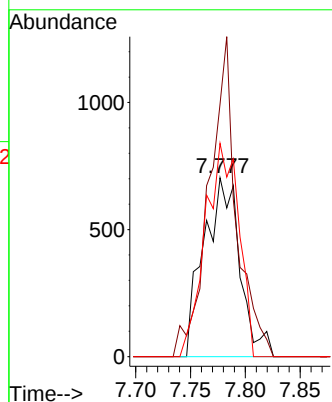
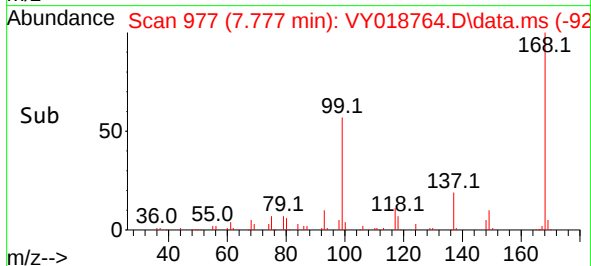


#31
Cyclohexane
Concen: 1.527 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018764.D
Acq: 10 Jul 2024 13:31

Instrument :
MSVOA_Y
ClientSampleId :

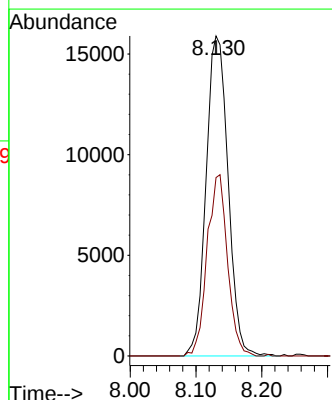
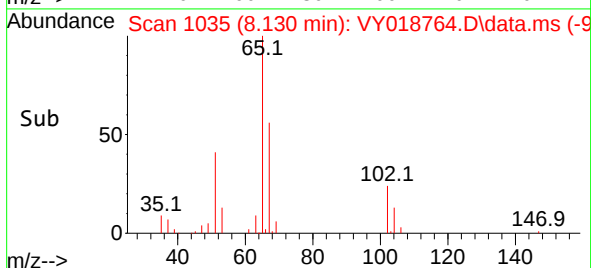
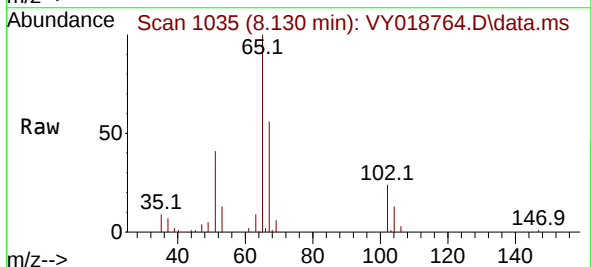


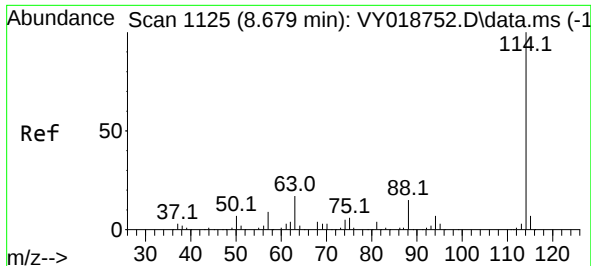
Tgt Ion: 56 Resp: 1605
Ion Ratio Lower Upper
56 100
69 141.2 28.7 43.1#
84 119.2 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 54.081 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018764.D
Acq: 10 Jul 2024 13:31

Tgt Ion: 65 Resp: 36988
Ion Ratio Lower Upper
65 100
67 52.6 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: VY018764.D

Acq: 10 Jul 2024 13:31

Instrument :

MSVOA_Y

ClientSampleId :

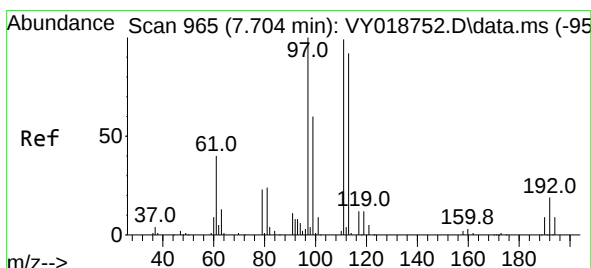
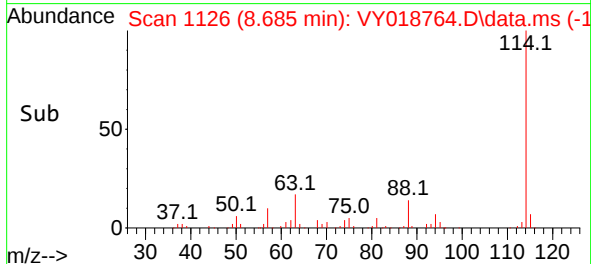
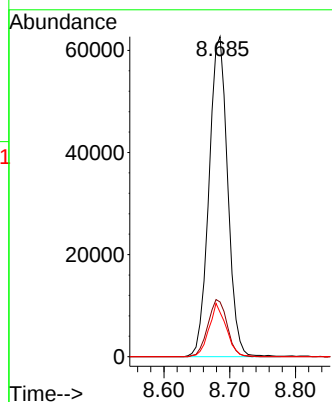
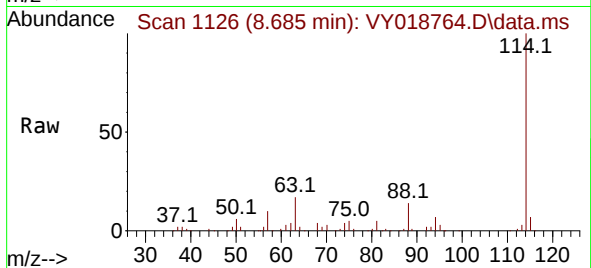
Tgt Ion:114 Resp: 123865

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.468 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018764.D

Acq: 10 Jul 2024 13:31

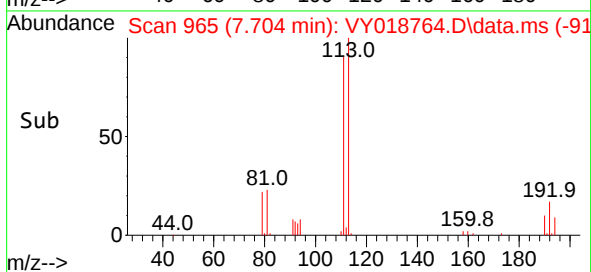
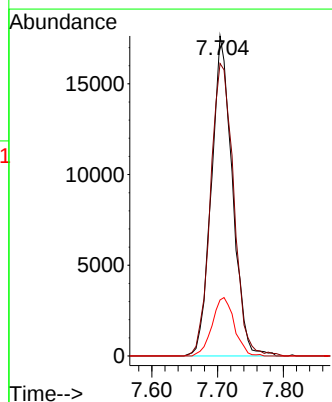
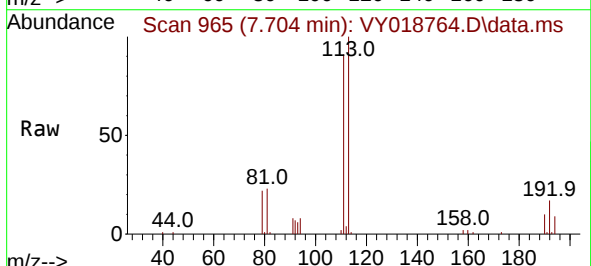
Tgt Ion:113 Resp: 39153

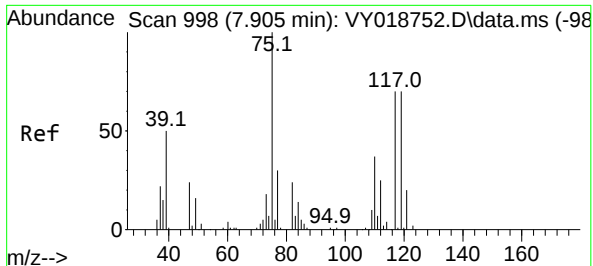
Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 19.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.850 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY018764.D

Acq: 10 Jul 2024 13:31

Instrument :

MSVOA_Y

ClientSampleId :

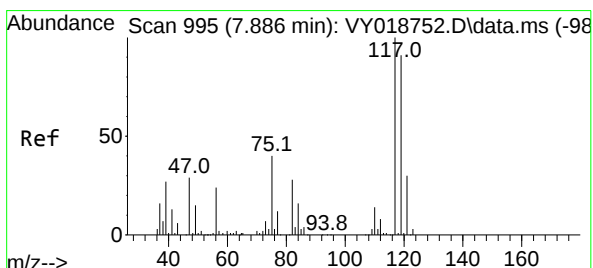
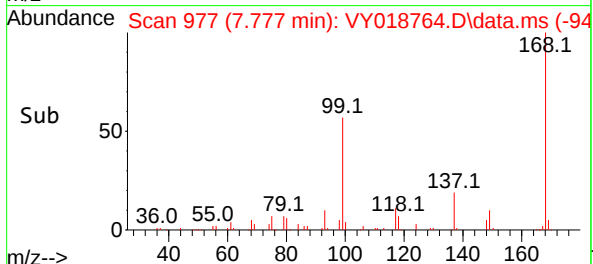
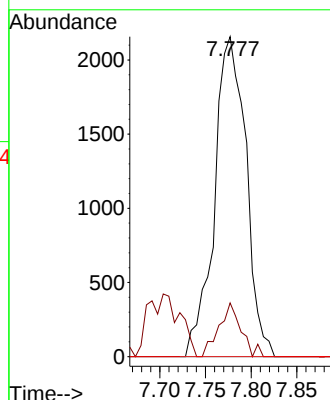
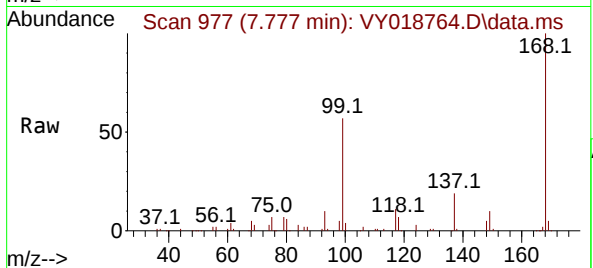
Tgt Ion: 75 Resp: 5193

Ion Ratio Lower Upper

75 100

110 11.8 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.421 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.110 min

Lab File: VY018764.D

Acq: 10 Jul 2024 13:31

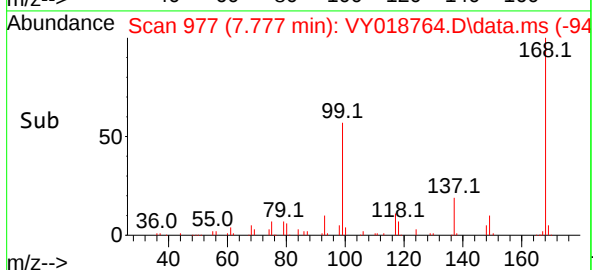
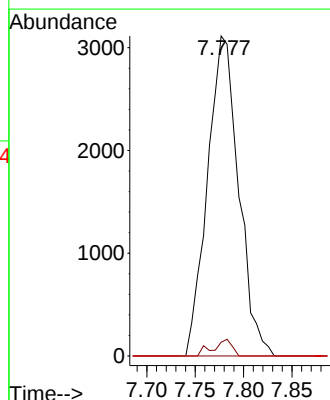
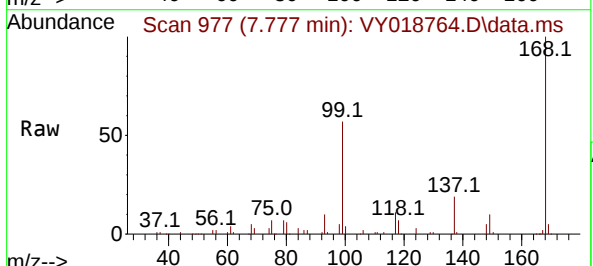
Tgt Ion: 117 Resp: 6990

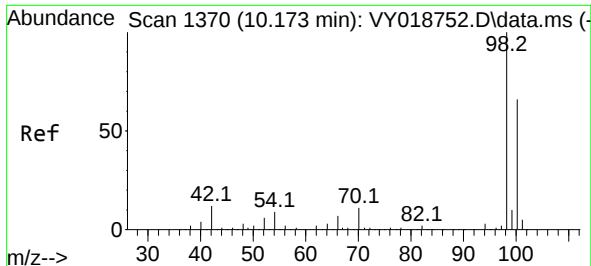
Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.6#

121 0.0 24.0 36.0#

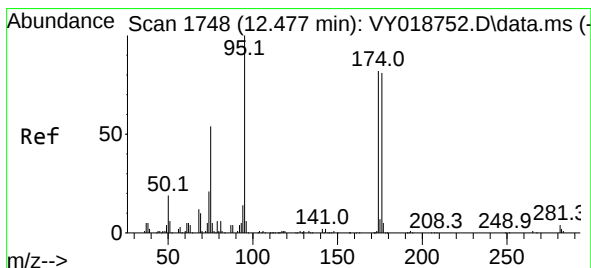
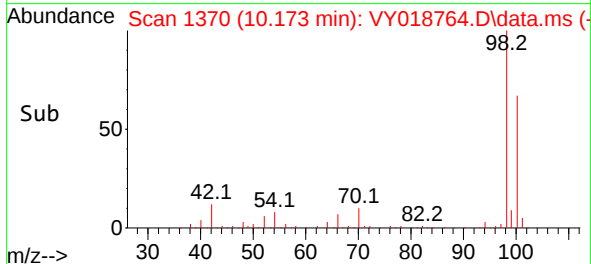
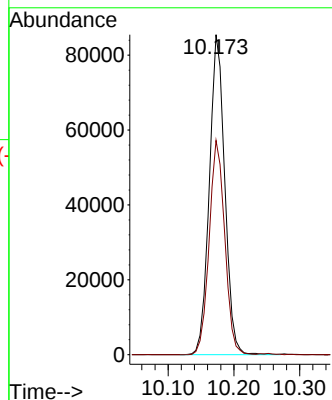
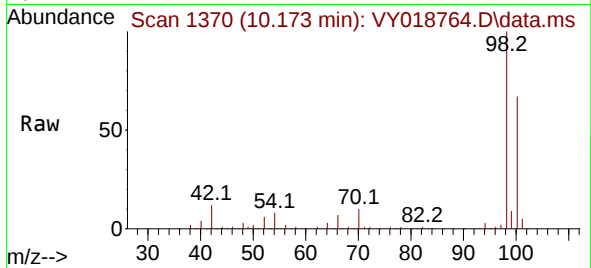




#50
Toluene-d8
Concen: 47.482 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018764.D
Acq: 10 Jul 2024 13:31

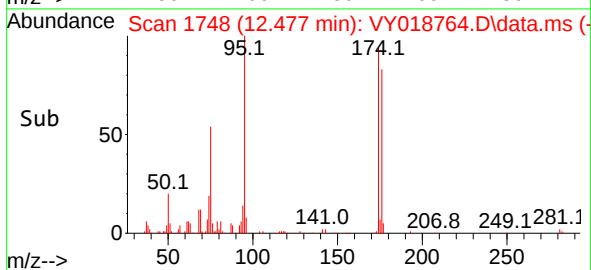
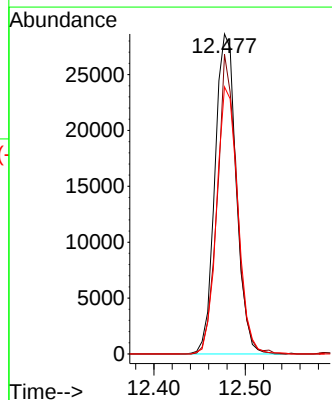
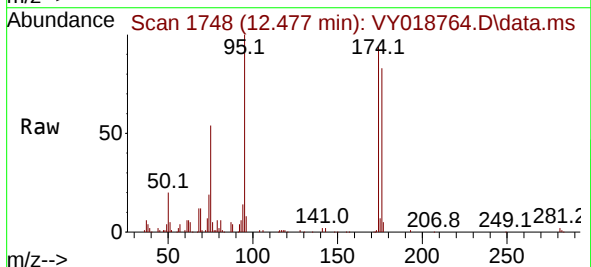
Instrument :
MSVOA_Y
ClientSampleId :

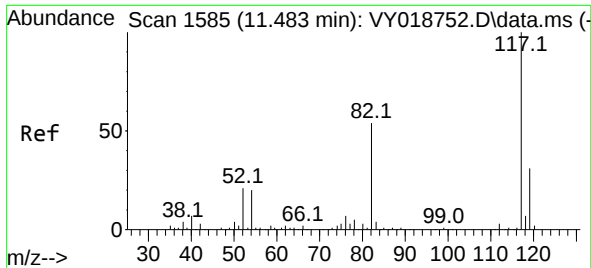
Tgt Ion: 98 Resp: 139558
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.171 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018764.D
Acq: 10 Jul 2024 13:31

Tgt Ion: 95 Resp: 46343
Ion Ratio Lower Upper
95 100
174 85.7 0.0 175.6
176 83.6 0.0 171.4

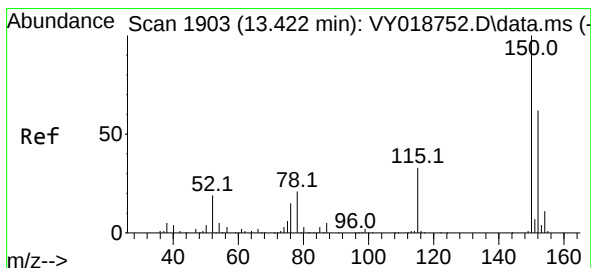
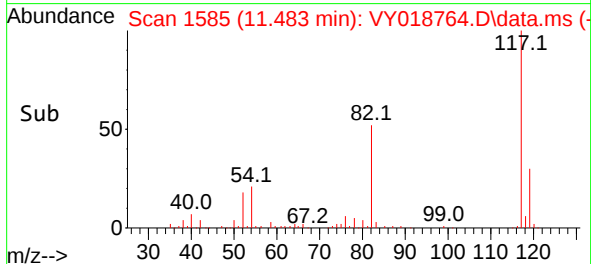
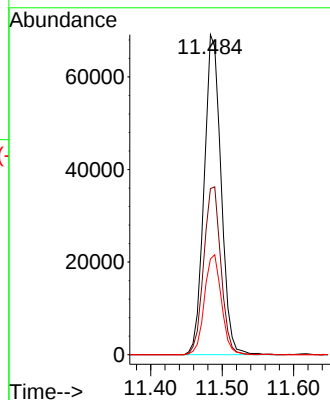
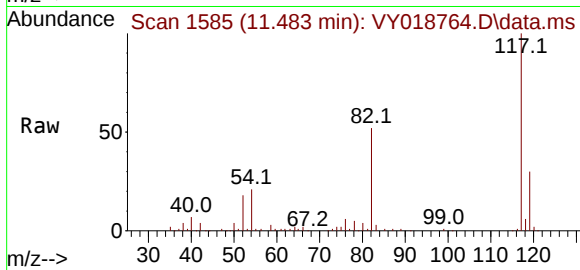




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018764.D
Acq: 10 Jul 2024 13:31

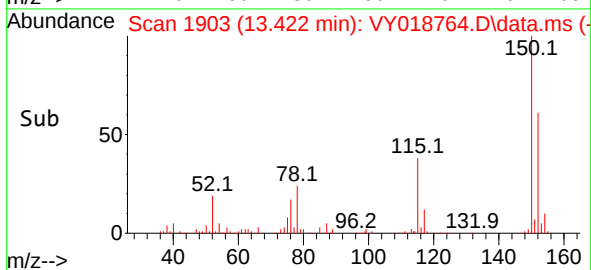
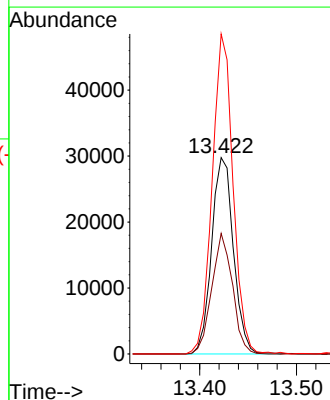
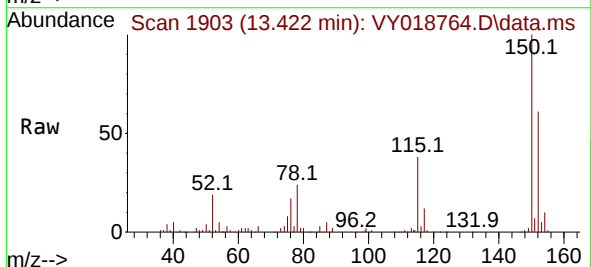
Instrument :
MSVOA_Y
ClientSampleId :

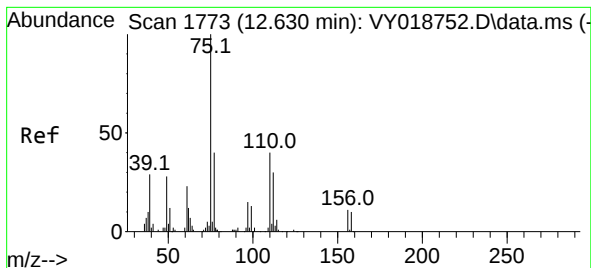
Tgt Ion:117 Resp: 113776
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 29.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018764.D
Acq: 10 Jul 2024 13:31

Tgt Ion:152 Resp: 46659
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 155.8 0.0 345.6

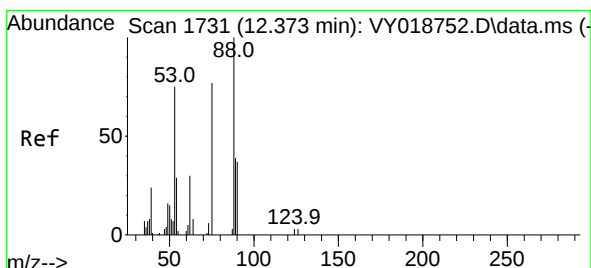
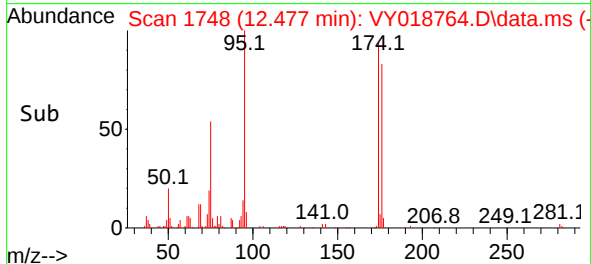
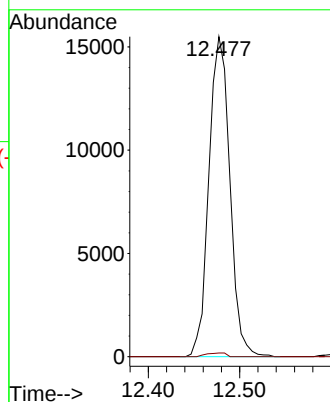
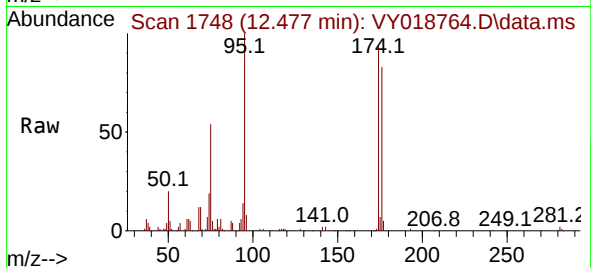




#76
1,2,3-Trichloropropane
Concen: 67.543 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018764.D
Acq: 10 Jul 2024 13:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 24683
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 151.165 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018764.D
Acq: 10 Jul 2024 13:31

Tgt Ion: 75 Resp: 24683
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

