

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018790.D
 Acq On : 12 Jul 2024 12:12
 Operator : SY/MD
 Sample : P3193-03
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 23:36:02 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)

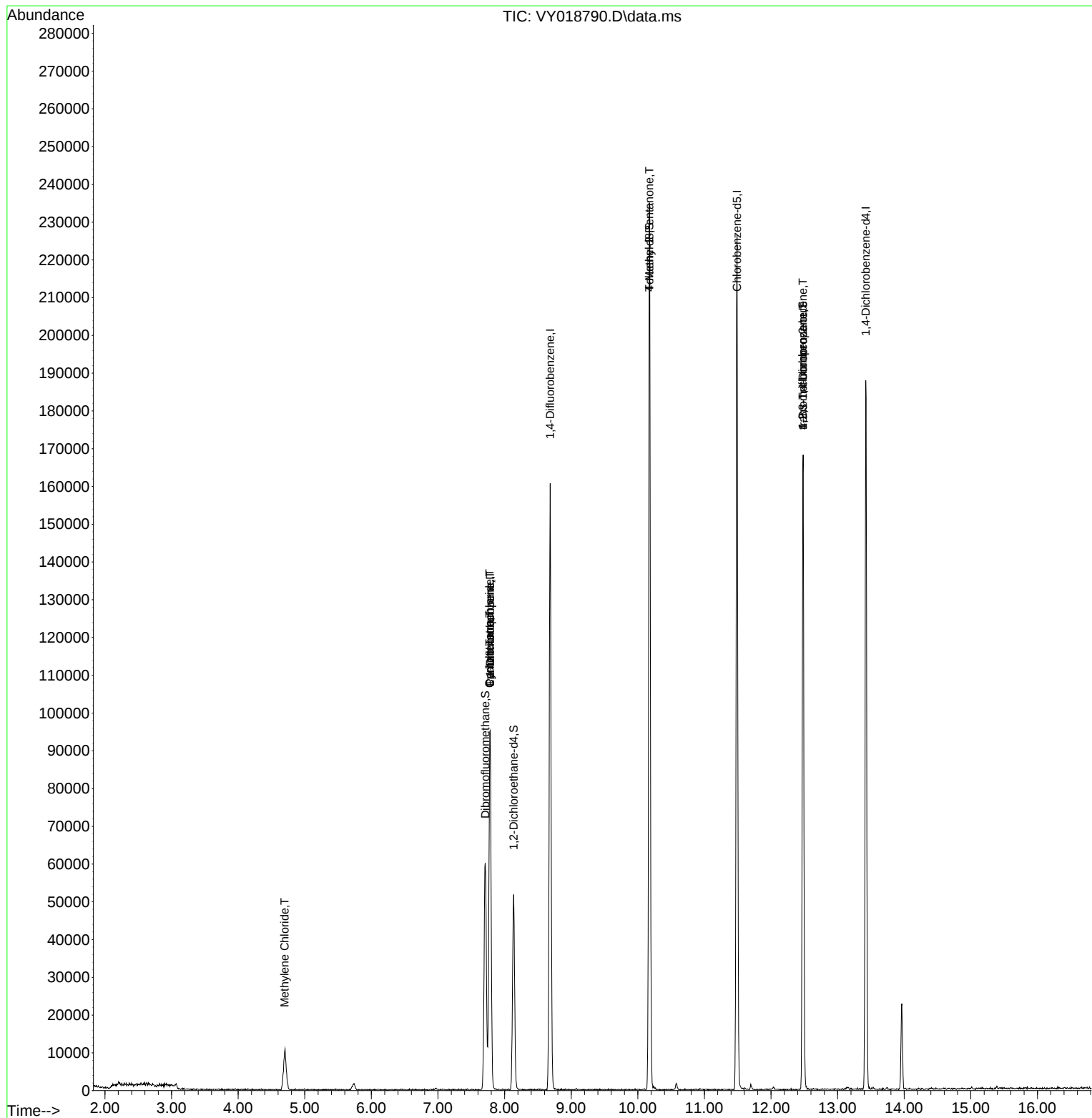
Internal Standards						
1) Pentafluorobenzene	7.783	168	76042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	137288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39378	52.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.260%	
35) Dibromofluoromethane	7.710	113	42151	49.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.040%	
50) Toluene-d8	10.173	98	150634	46.240	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.480%	
62) 4-Bromofluorobenzene	12.477	95	48632	43.714	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.420%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.698	84	7923	5.748	ug/l	94
31) Cyclohexane	7.777	56	1681	1.462	ug/l #	14
36) 1,1-Dichloropropene	7.783	75	5510	4.643	ug/l #	48
38) Carbon Tetrachloride	7.777	117	7094	4.964	ug/l #	16
51) 4-Methyl-2-Pentanone	10.173	43	685	1.367	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	26435	67.448	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	26435	150.953	ug/l #	16

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

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QLast Update : Tue Jul 09 14:28:51 2024
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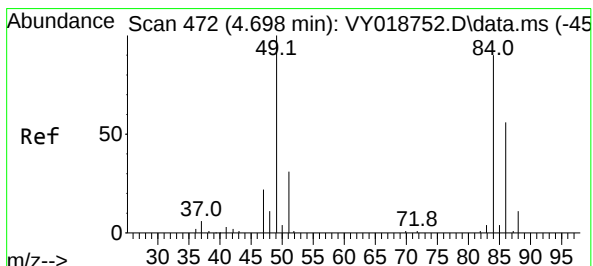
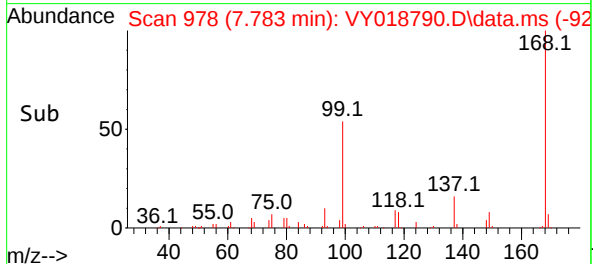
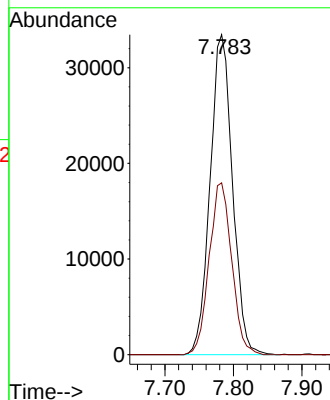
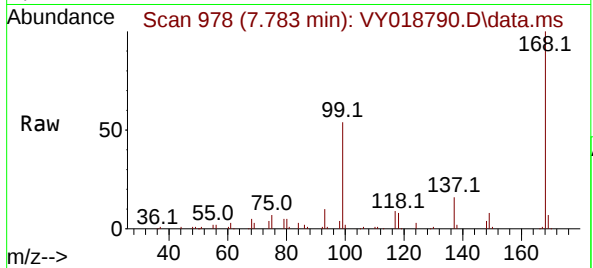




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018790.D
Acq: 12 Jul 2024 12:12

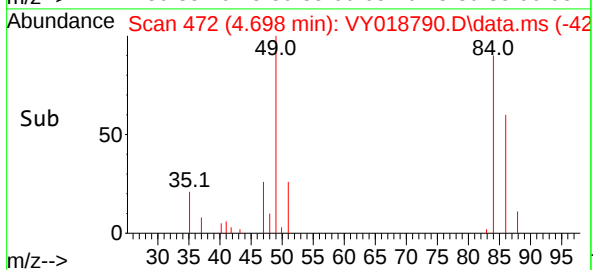
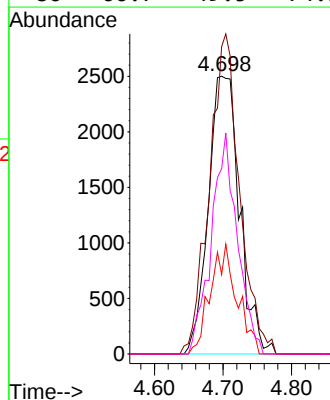
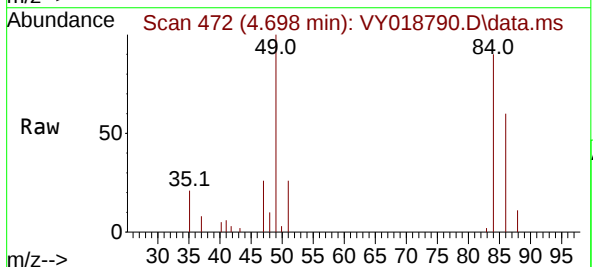
Instrument :
MSVOA_Y
ClientSampleId :

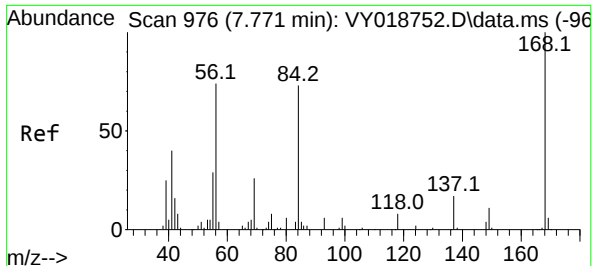
Tgt Ion:168 Resp: 76042
Ion Ratio Lower Upper
168 100
99 53.7 39.1 58.7



#20
Methylene Chloride
Concen: 5.748 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018790.D
Acq: 12 Jul 2024 12:12

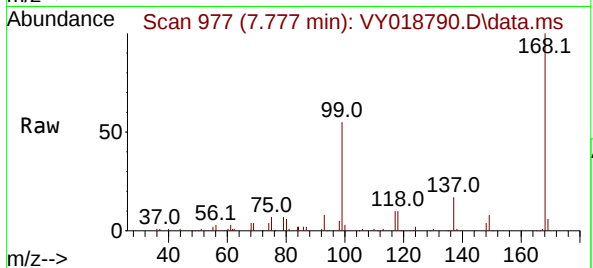
Tgt Ion: 84 Resp: 7923
Ion Ratio Lower Upper
84 100
49 110.6 84.4 126.6
51 28.6 26.0 39.0
86 66.7 49.5 74.3



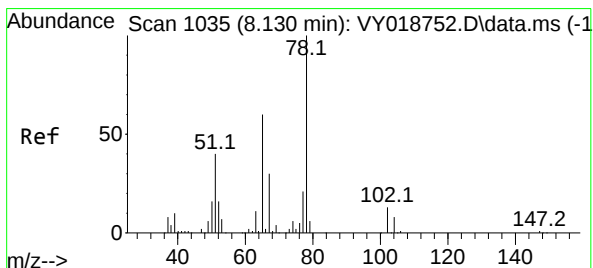
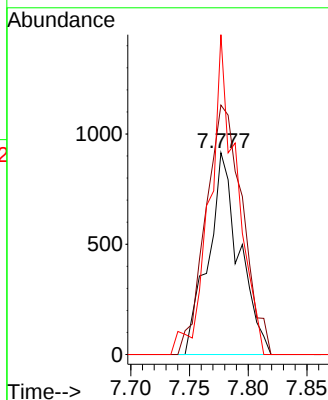
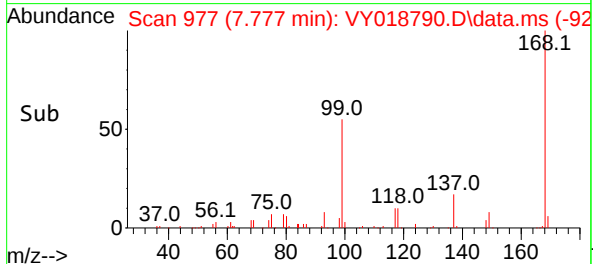


#31
Cyclohexane
Concen: 1.462 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018790.D
Acq: 12 Jul 2024 12:12

Instrument :
MSVOA_Y
ClientSampleId :

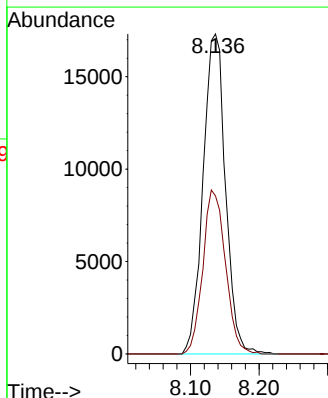
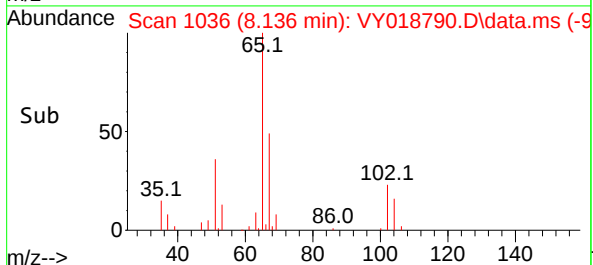
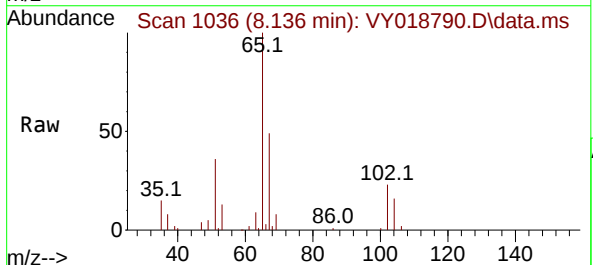


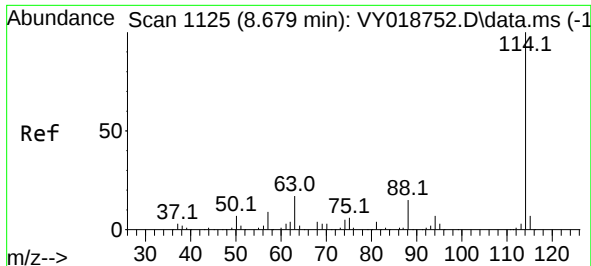
Tgt Ion: 56 Resp: 1681
Ion Ratio Lower Upper
56 100
69 123.6 28.7 43.1#
84 158.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 52.626 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY018790.D
Acq: 12 Jul 2024 12:12

Tgt Ion: 65 Resp: 39378
Ion Ratio Lower Upper
65 100
67 51.7 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: VY018790.D

Acq: 12 Jul 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

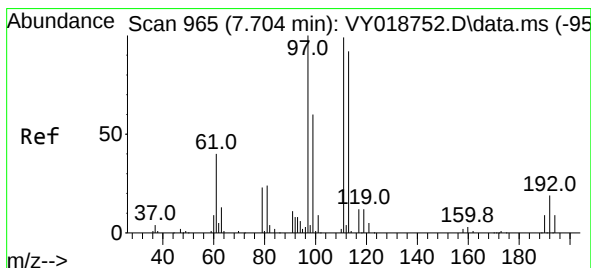
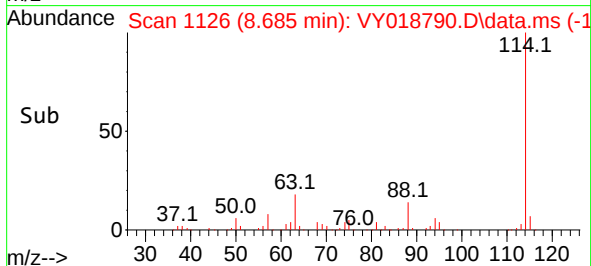
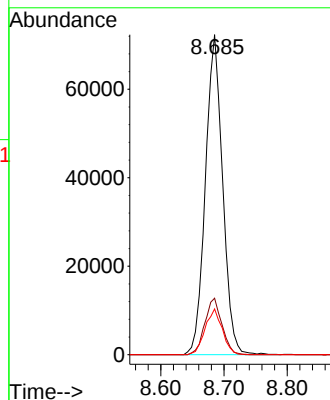
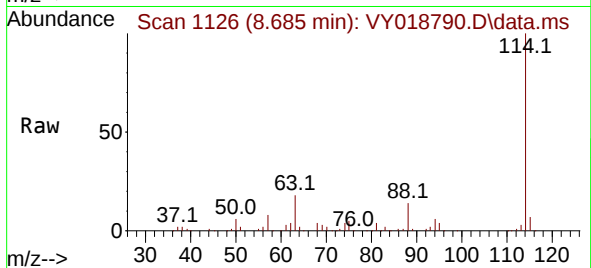
Tgt Ion:114 Resp: 137288

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.021 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018790.D

Acq: 12 Jul 2024 12:12

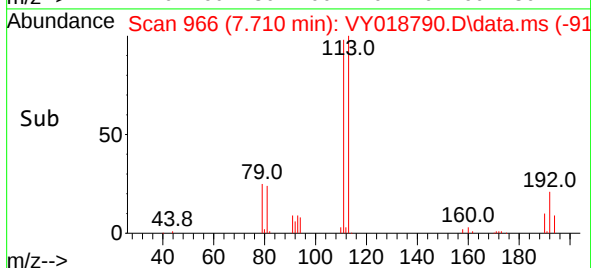
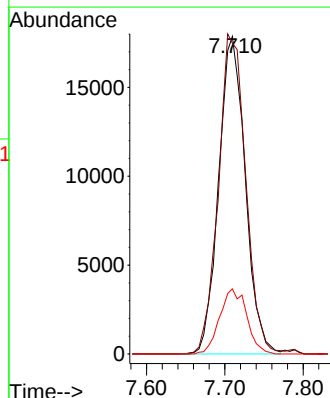
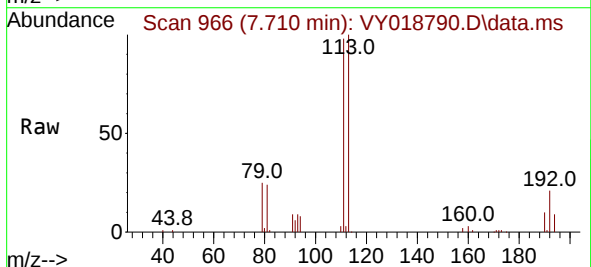
Tgt Ion:113 Resp: 42151

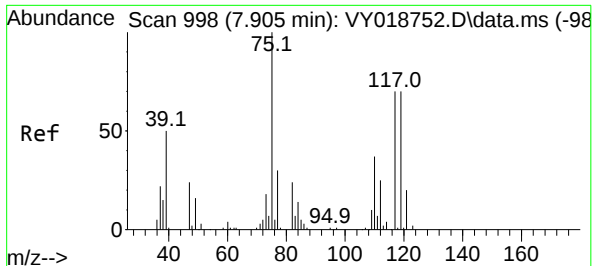
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 20.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.643 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY018790.D

Acq: 12 Jul 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

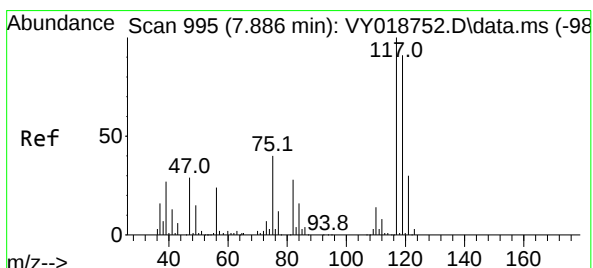
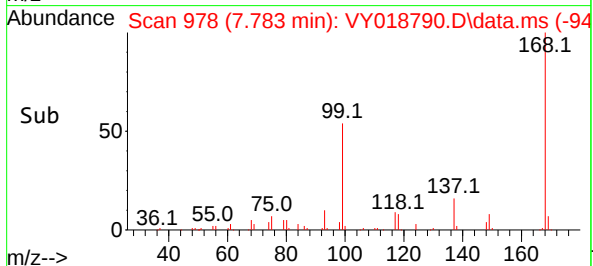
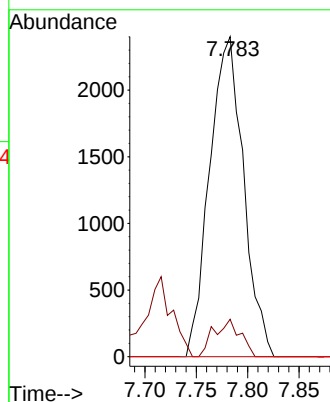
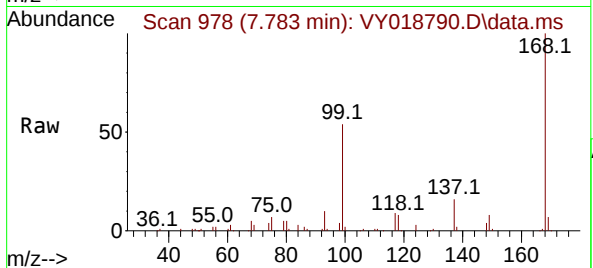
Tgt Ion: 75 Resp: 5510

Ion Ratio Lower Upper

75 100

110 9.1 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 4.964 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.110 min

Lab File: VY018790.D

Acq: 12 Jul 2024 12:12

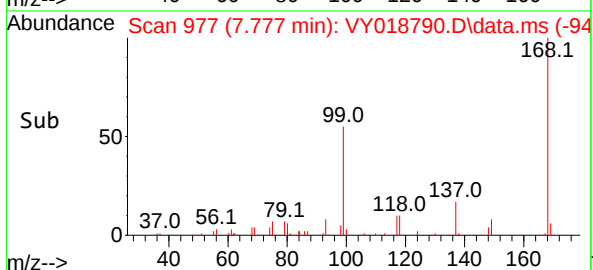
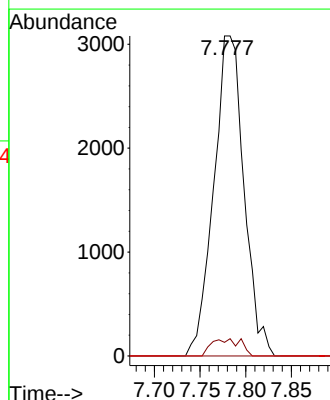
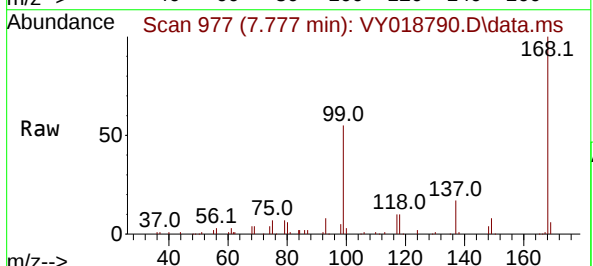
Tgt Ion: 117 Resp: 7094

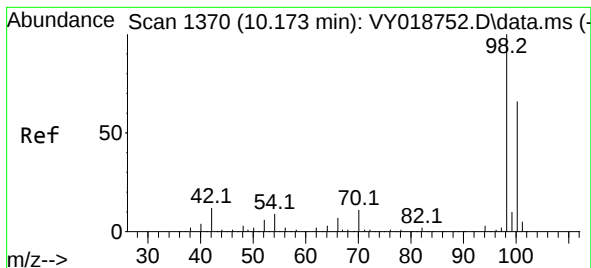
Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 46.240 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018790.D

Acq: 12 Jul 2024 12:12

Instrument :

MSVOA_Y

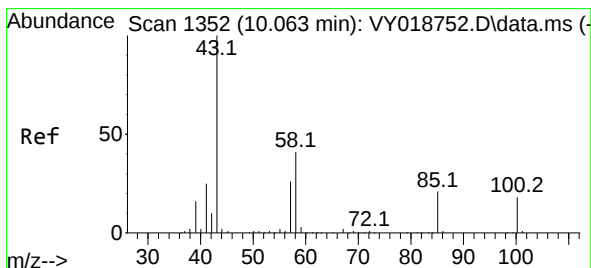
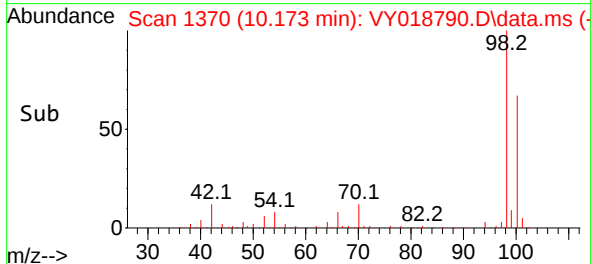
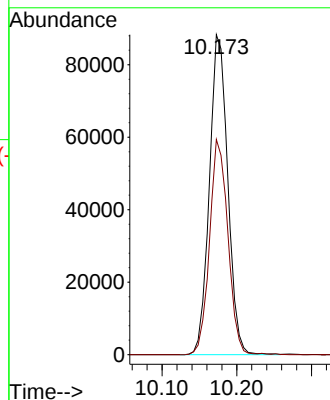
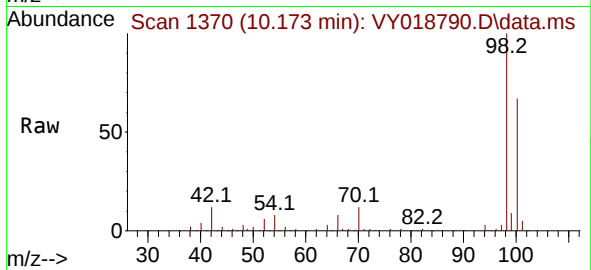
ClientSampleId :

Tgt Ion: 98 Resp: 150634

Ion Ratio Lower Upper

98 100

100 67.1 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.367 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.110 min

Lab File: VY018790.D

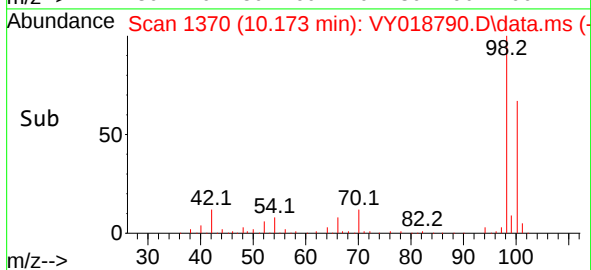
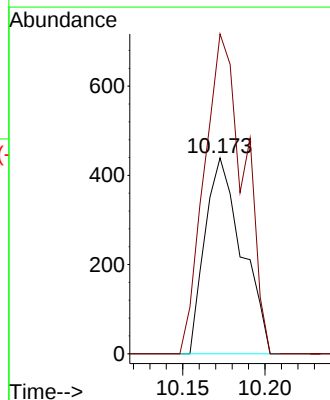
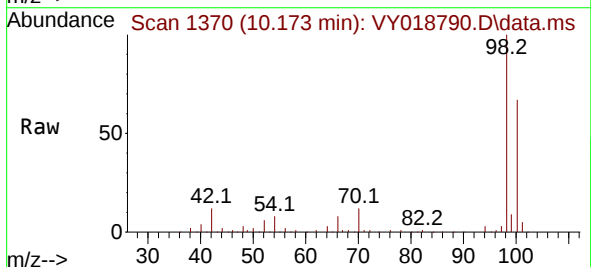
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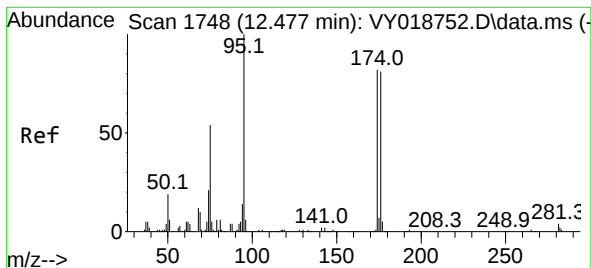
Tgt Ion: 43 Resp: 685

Ion Ratio Lower Upper

43 100

58 175.9 35.7 53.5#

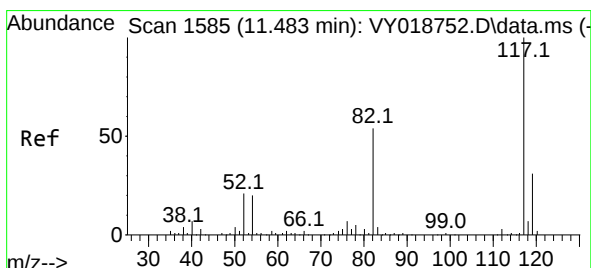
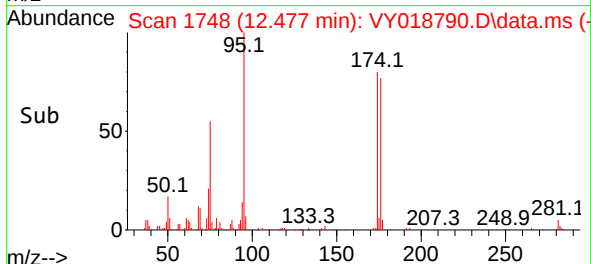
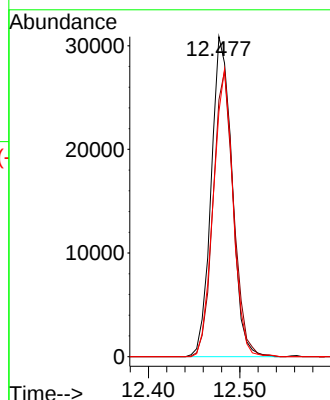
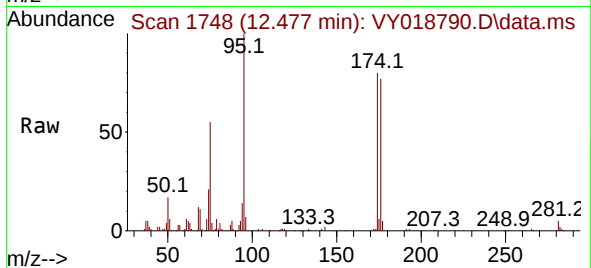




#62
4-Bromofluorobenzene
Concen: 43.714 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018790.D
Acq: 12 Jul 2024 12:12

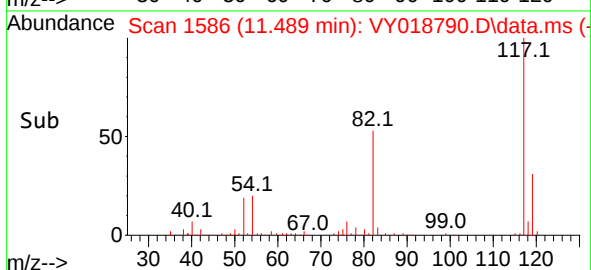
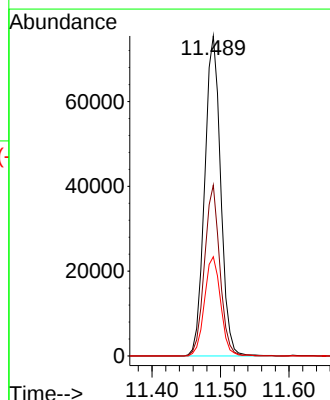
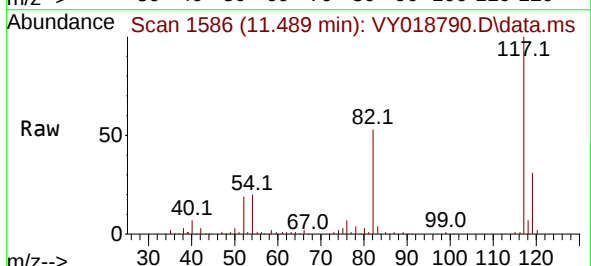
Instrument :
MSVOA_Y
ClientSampleId :

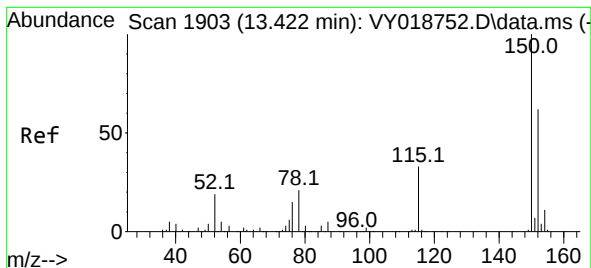
Tgt Ion: 95 Resp: 48632
Ion Ratio Lower Upper
95 100
174 88.0 0.0 175.6
176 85.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018790.D
Acq: 12 Jul 2024 12:12

Tgt Ion: 117 Resp: 122505
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 31.0 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: VY018790.D

Acq: 12 Jul 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

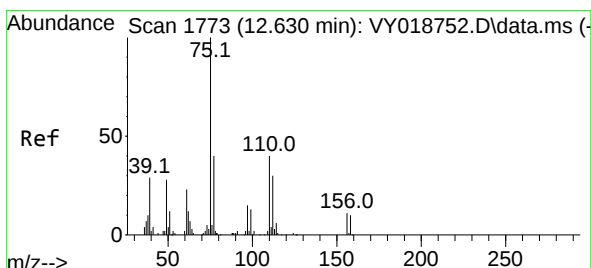
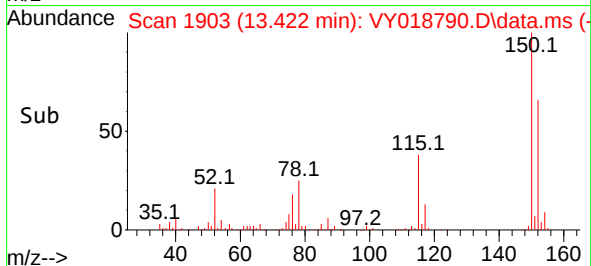
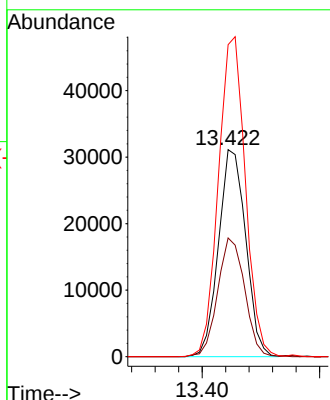
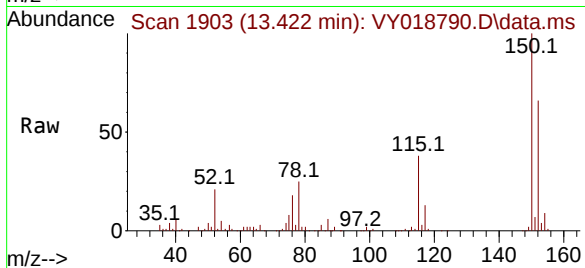
Tgt Ion:152 Resp: 50041

Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 153.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 67.448 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018790.D

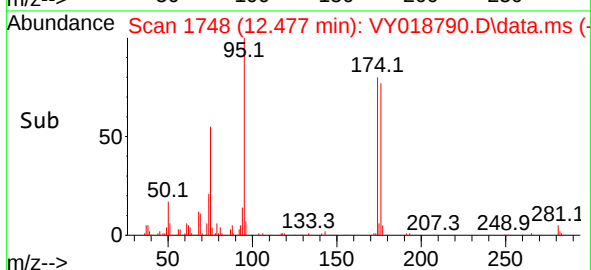
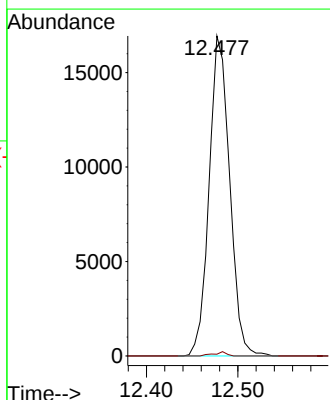
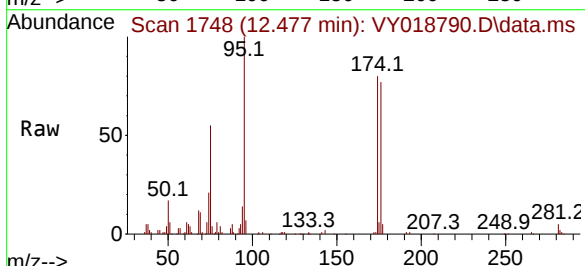
Acq: 12 Jul 2024 12:12

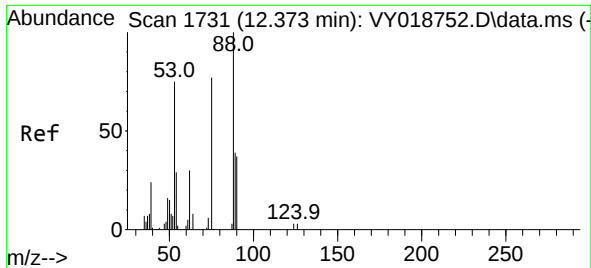
Tgt Ion: 75 Resp: 26435

Ion Ratio Lower Upper

75 100

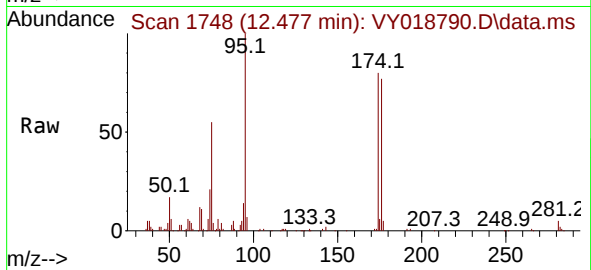
77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 150.953 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018790.D
 Acq: 12 Jul 2024 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	26435
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.3	35.8	53.6#

