

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072224\
 Data File : VY018892.D
 Acq On : 22 Jul 2024 15:45
 Operator : SY/MD
 Sample : P3314-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 23 01:52:34 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)

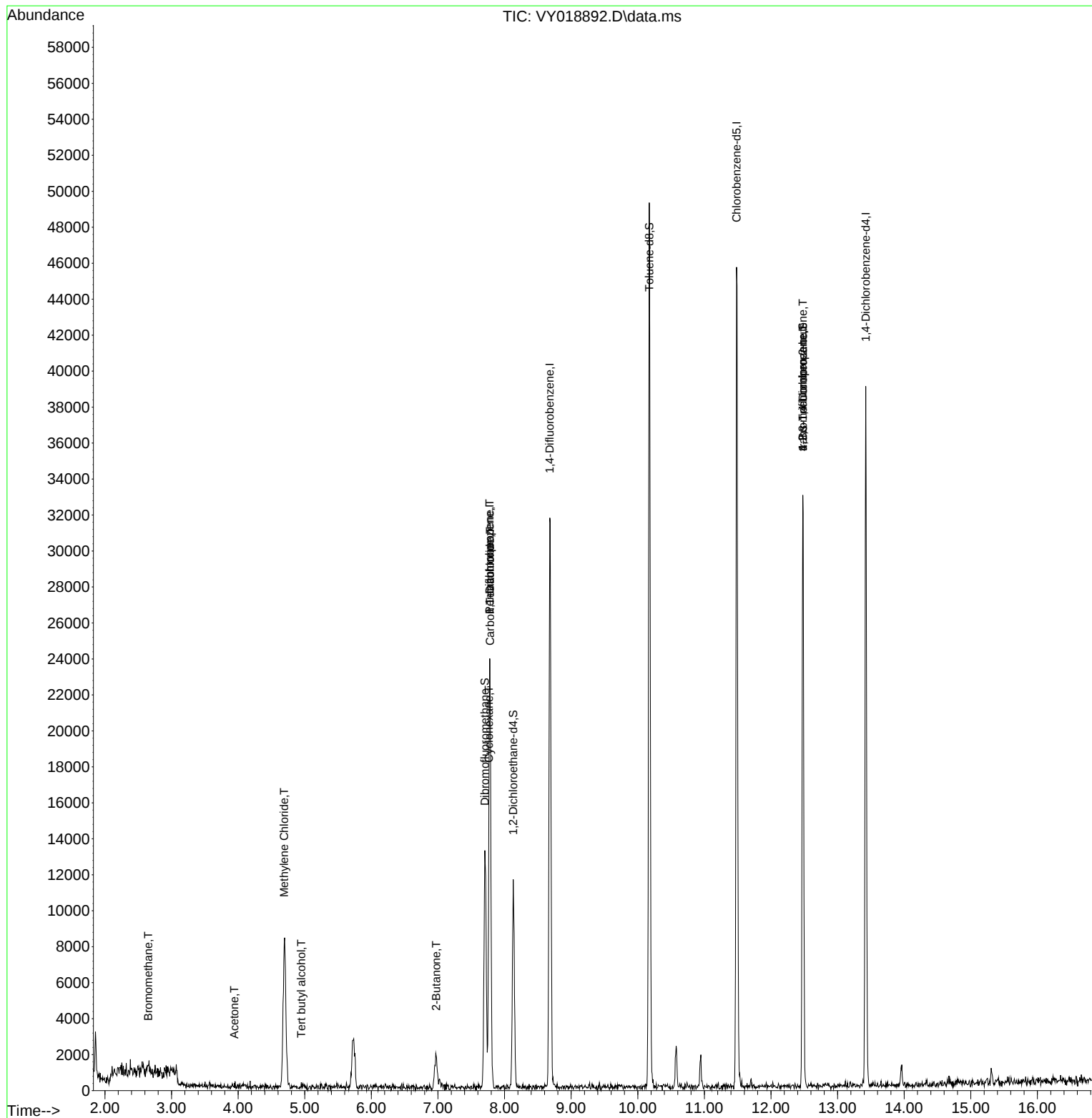
Internal Standards						
1) Pentafluorobenzene	7.777	168	18681	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	28378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	25818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	8193	44.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.140%
35) Dibromofluoromethane	7.704	113	8811	49.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.140%
50) Toluene-d8	10.173	98	32251	47.895	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.477	95	10095	43.899	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.800%
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	365	1.907	ug/l #	28
11) Tert butyl alcohol	4.948	59	28	1.504	ug/l #	88
16) Acetone	3.942	43	54	1.593	ug/l #	36
20) Methylene Chloride	4.692	84	6361	31.284	ug/l	95
25) 2-Butanone	6.972	43	51	1.074	ug/l #	41
31) Cyclohexane	7.765	56	566	2.004	ug/l #	17
36) 1,1-Dichloropropene	7.777	75	1337	5.451	ug/l #	40
38) Carbon Tetrachloride	7.783	117	1744	5.903	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	5194	65.796	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	5194	147.256	ug/l #	16

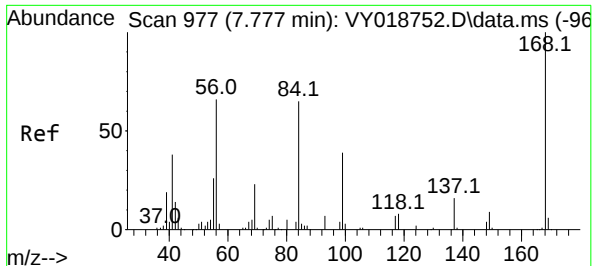
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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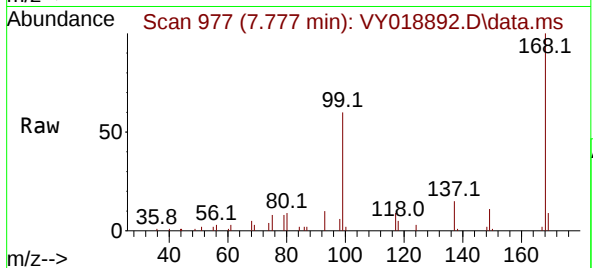
Quant Time: Jul 23 01:52:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
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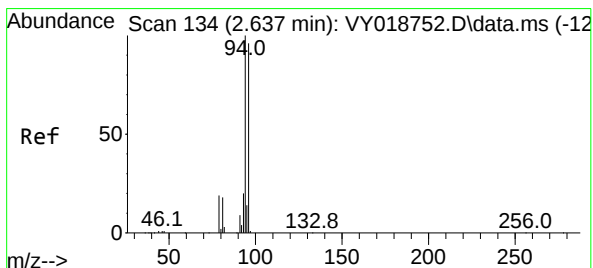
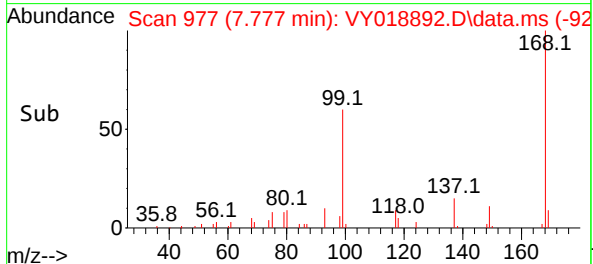
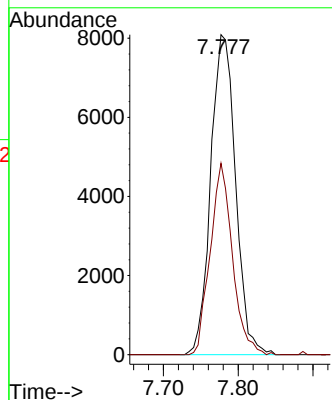


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018892.D
Acq: 22 Jul 2024 15:45

Instrument :
MSVOA_Y
ClientSampleId :

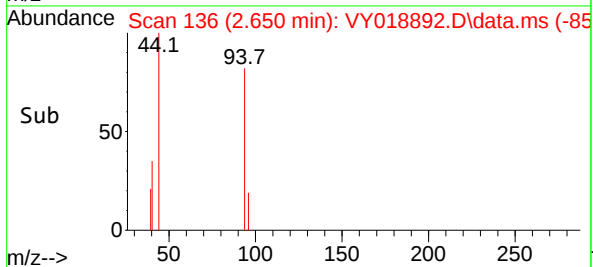
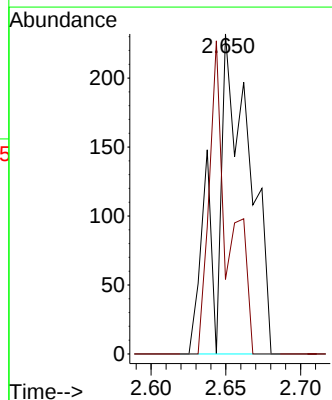
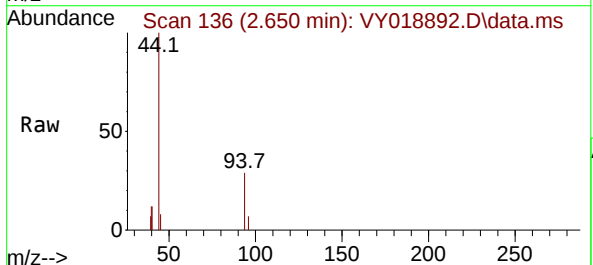


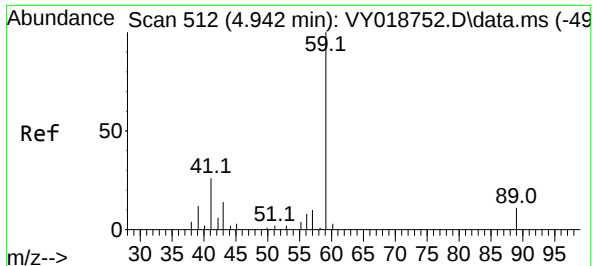
Tgt Ion:168 Resp: 18681
Ion Ratio Lower Upper
168 100
99 59.8 39.1 58.7#



#5
Bromomethane
Concen: 1.907 ug/l
RT: 2.650 min Scan# 136
Delta R.T. 0.012 min
Lab File: VY018892.D
Acq: 22 Jul 2024 15:45

Tgt Ion: 94 Resp: 365
Ion Ratio Lower Upper
94 100
96 23.3 74.1 111.1#





#11

Tert butyl alcohol

Concen: 1.504 ug/l

RT: 4.948 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY018892.D

Acq: 22 Jul 2024 15:45

Instrument :

MSVOA_Y

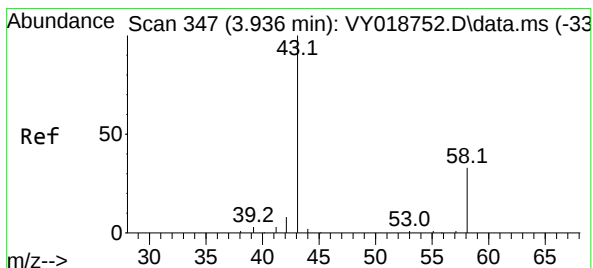
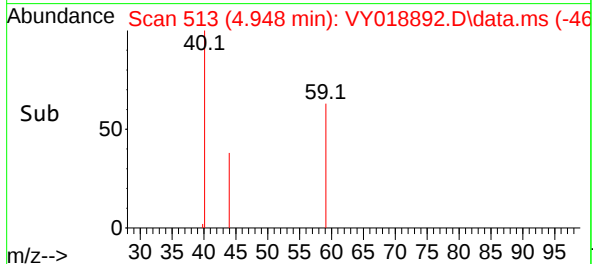
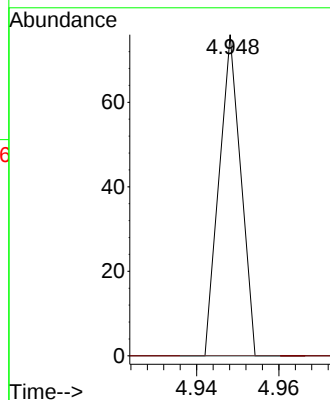
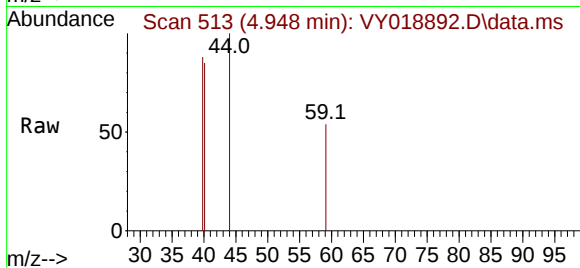
ClientSampleId :

Tgt Ion: 59 Resp: 28

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 1.593 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY018892.D

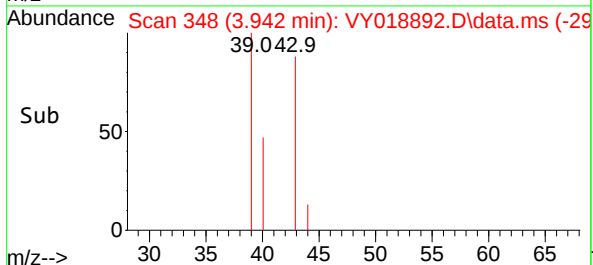
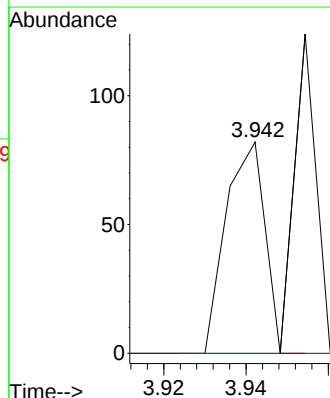
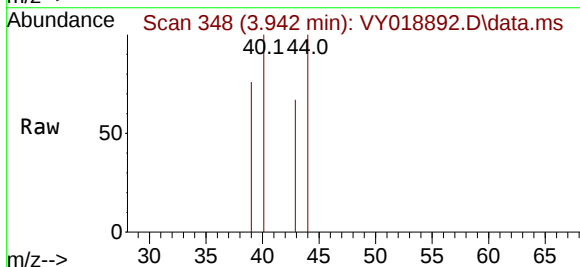
Acq: 22 Jul 2024 15:45

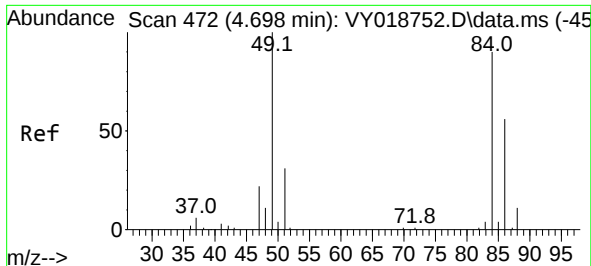
Tgt Ion: 43 Resp: 54

Ion Ratio Lower Upper

43 100

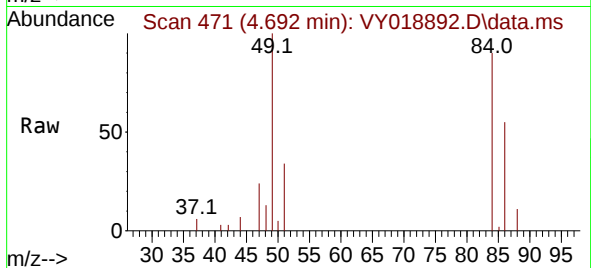
58 0.0 31.7 47.5#



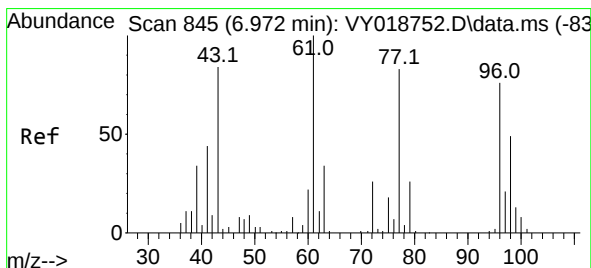
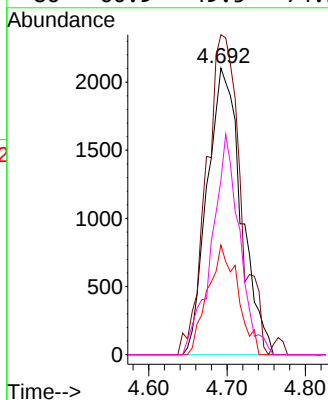
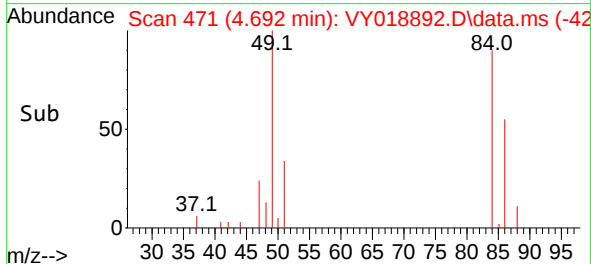


#20
Methylene Chloride
Concen: 31.284 ug/l
RT: 4.692 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018892.D
Acq: 22 Jul 2024 15:45

Instrument :
MSVOA_Y
ClientSampleId :

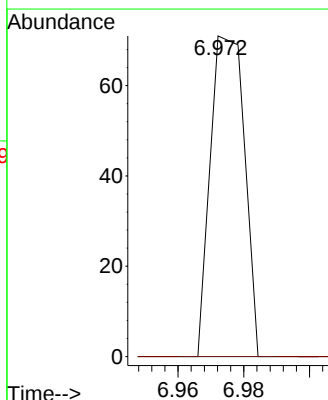
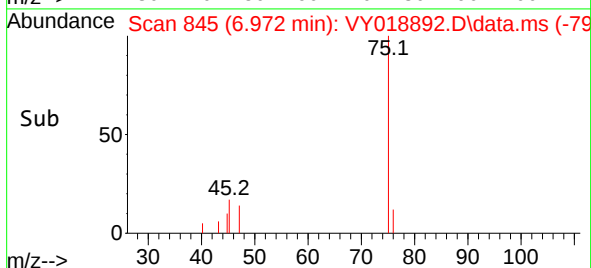
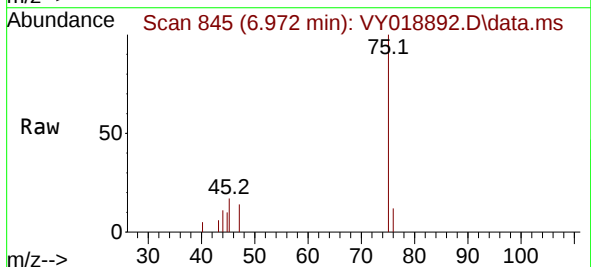


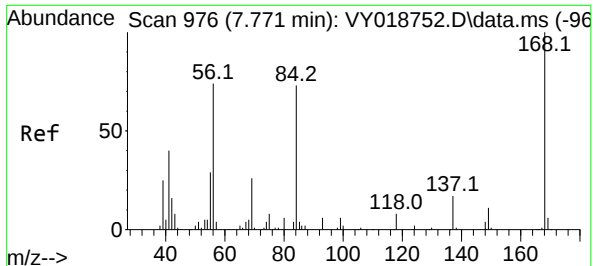
Tgt Ion:	84	Resp:	6361
Ion	Ratio	Lower	Upper
84	100		
49	111.7	84.4	126.6
51	38.2	26.0	39.0
86	60.9	49.5	74.3



#25
2-Butanone
Concen: 1.074 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018892.D
Acq: 22 Jul 2024 15:45

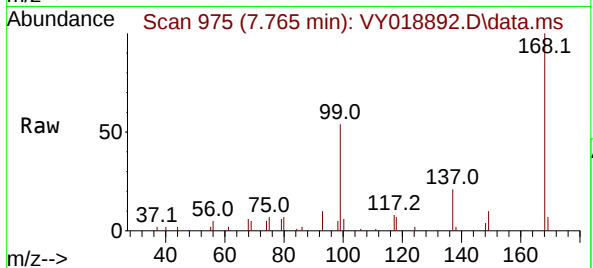
Tgt Ion:	43	Resp:	51
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



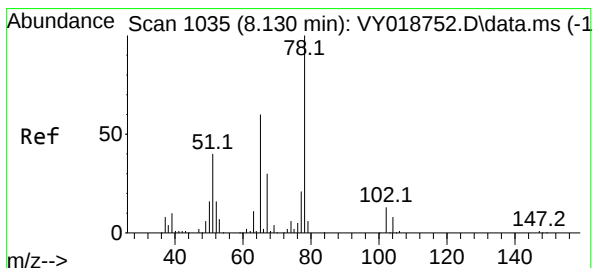
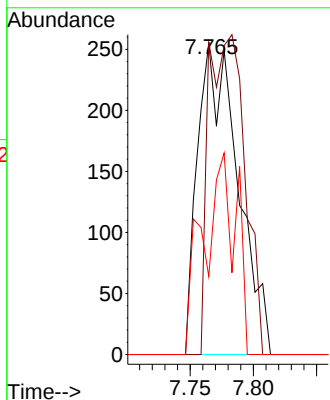
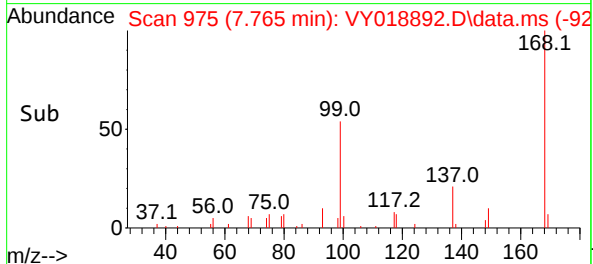


#31
Cyclohexane
Concen: 2.004 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018892.D
Acq: 22 Jul 2024 15:45

Instrument :
MSVOA_Y
ClientSampleId :

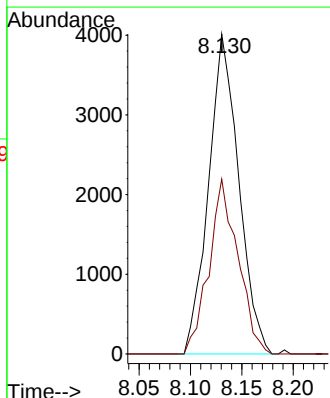
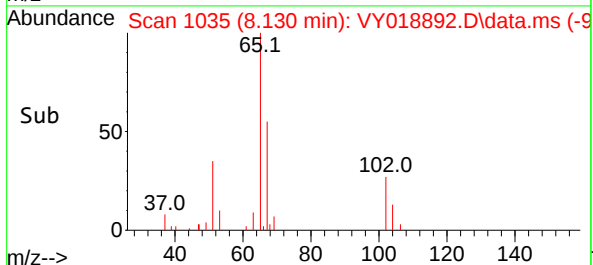
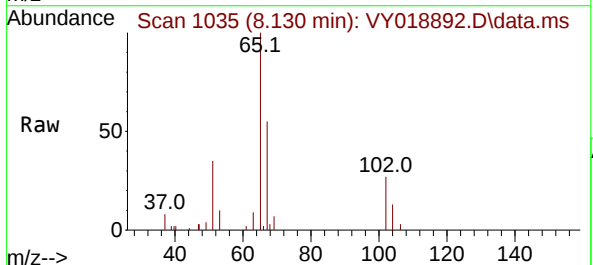


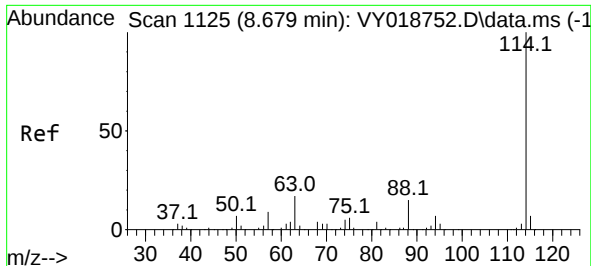
Tgt Ion: 56 Resp: 566
Ion Ratio Lower Upper
56 100
69 100.4 28.7 43.1#
84 25.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 44.570 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018892.D
Acq: 22 Jul 2024 15:45

Tgt Ion: 65 Resp: 8193
Ion Ratio Lower Upper
65 100
67 52.5 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: VY018892.D

Acq: 22 Jul 2024 15:45

Instrument :

MSVOA_Y

ClientSampleId :

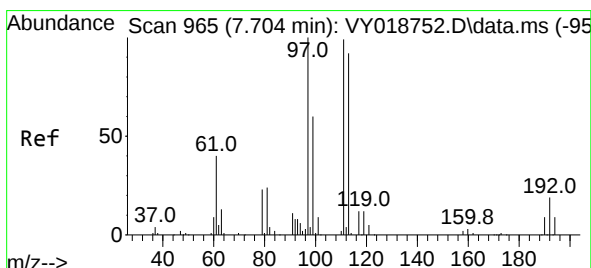
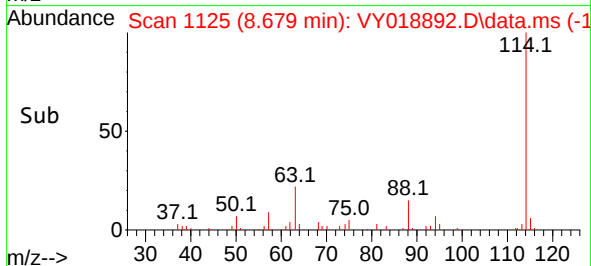
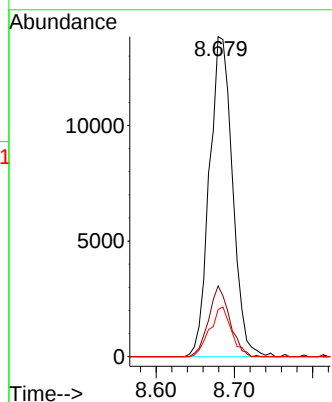
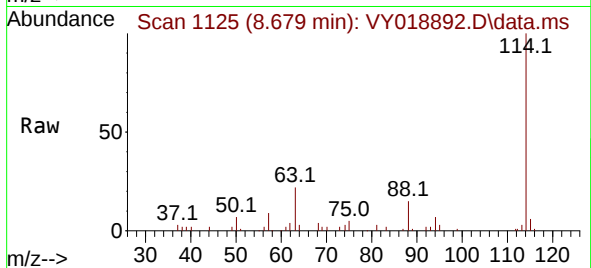
Tgt Ion:114 Resp: 28378

Ion Ratio Lower Upper

114 100

63 22.1 0.0 35.0

88 14.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.573 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018892.D

Acq: 22 Jul 2024 15:45

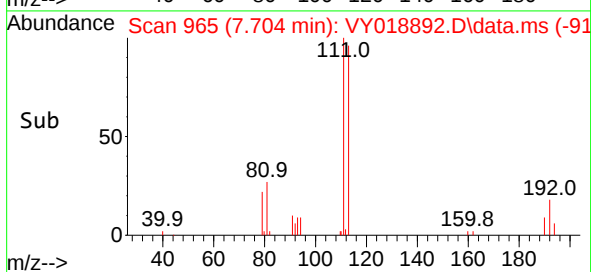
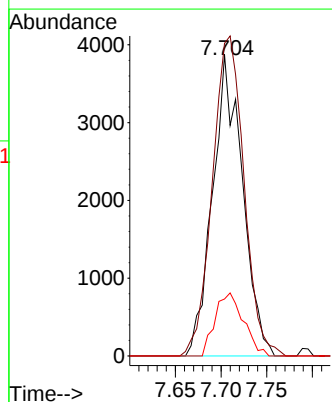
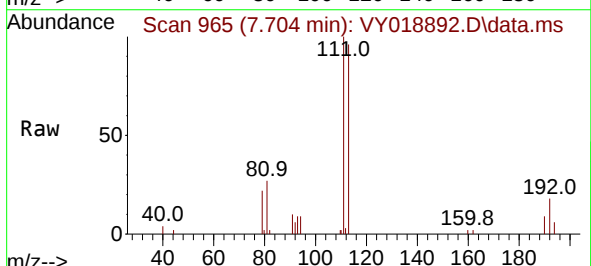
Tgt Ion:113 Resp: 8811

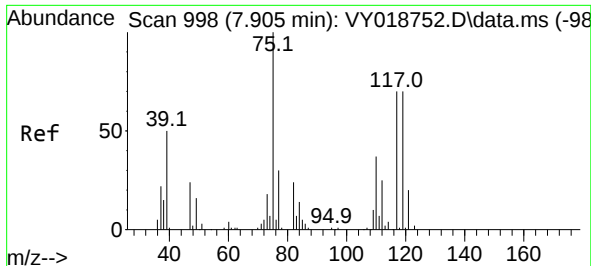
Ion Ratio Lower Upper

113 100

111 112.3 82.2 123.4

192 19.9 15.9 23.9

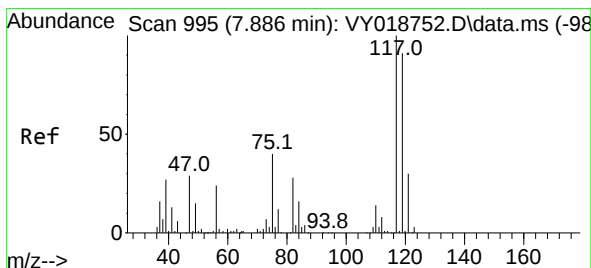
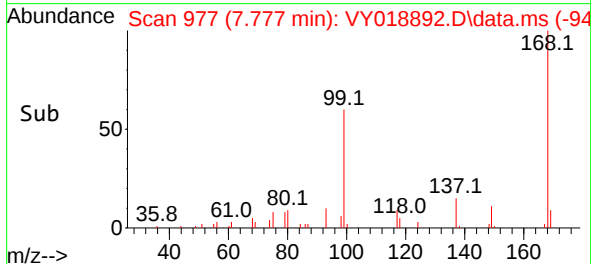
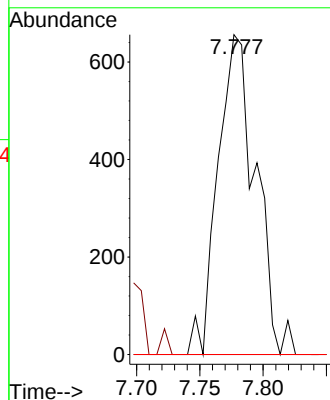
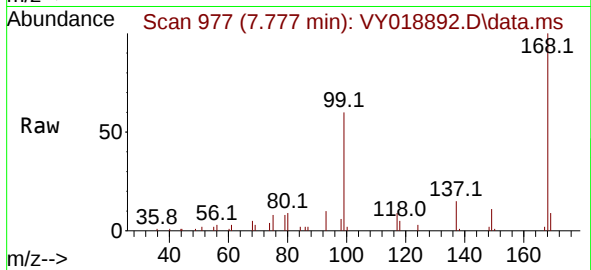




#36
1,1-Dichloropropene
Concen: 5.451 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018892.D
Acq: 22 Jul 2024 15:45

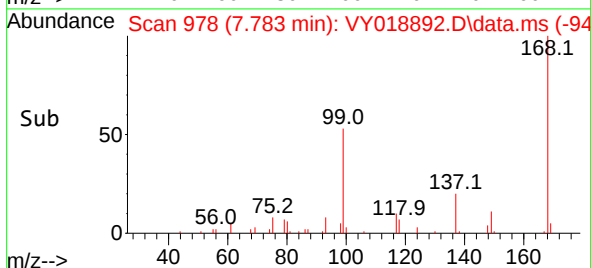
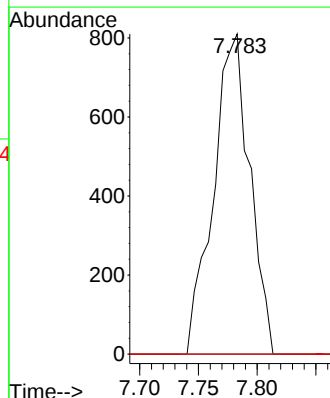
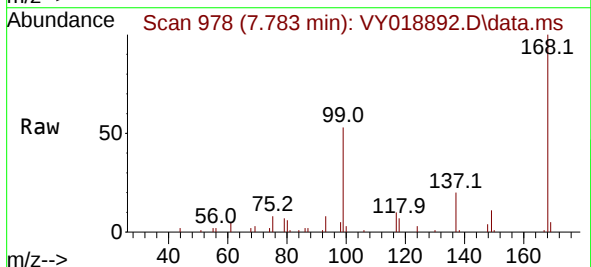
Instrument :
MSVOA_Y
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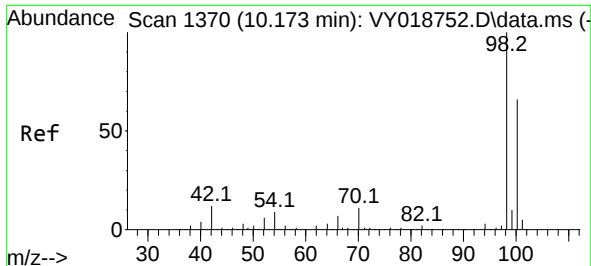
Tgt Ion: 75 Resp: 1337
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.903 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.104 min
Lab File: VY018892.D
Acq: 22 Jul 2024 15:45

Tgt Ion: 117 Resp: 1744
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#

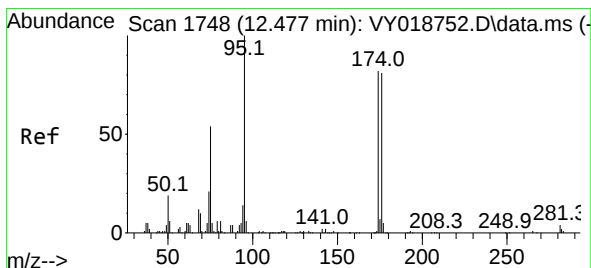
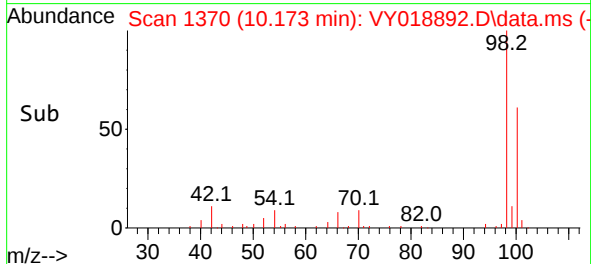
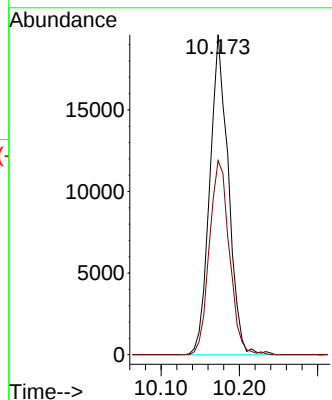
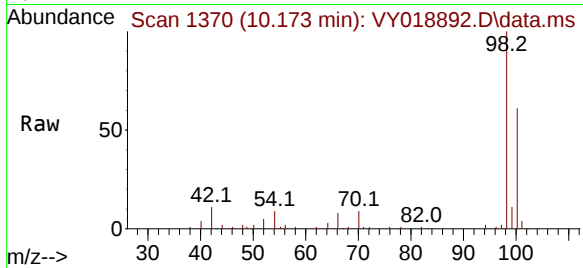




#50
Toluene-d8
Concen: 47.895 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018892.D
Acq: 22 Jul 2024 15:45

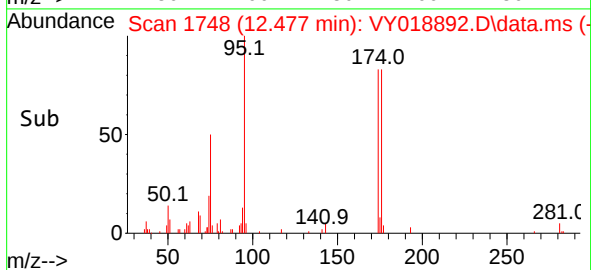
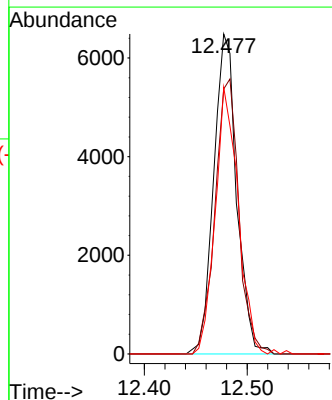
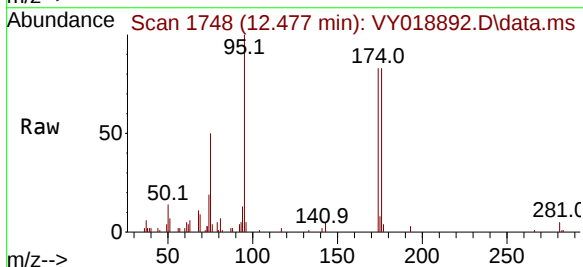
Instrument :
MSVOA_Y
ClientSampleId :

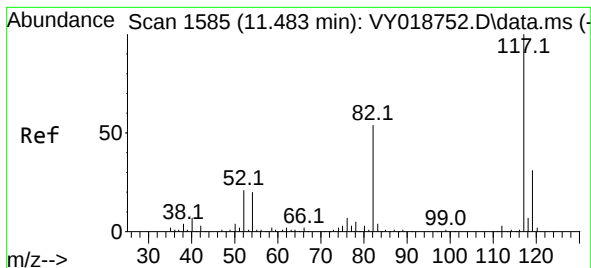
Tgt Ion: 98 Resp: 32251
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.899 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018892.D
Acq: 22 Jul 2024 15:45

Tgt Ion: 95 Resp: 10095
Ion Ratio Lower Upper
95 100
174 88.5 0.0 175.6
176 83.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018892.D

Acq: 22 Jul 2024 15:45

Instrument :

MSVOA_Y

ClientSampleId :

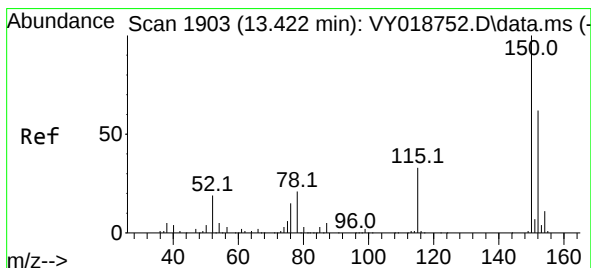
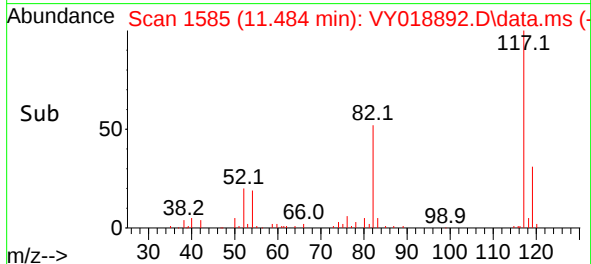
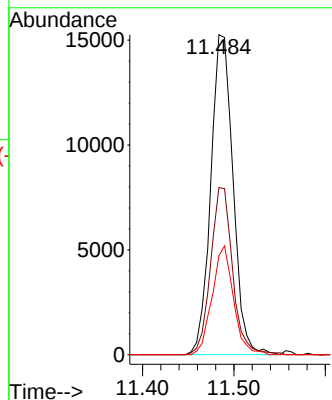
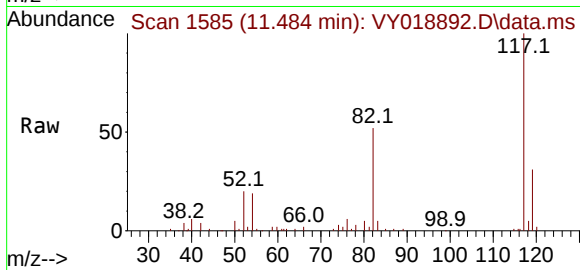
Tgt Ion:117 Resp: 25818

Ion Ratio Lower Upper

117 100

82 52.2 42.4 63.6

119 30.9 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: VY018892.D

Acq: 22 Jul 2024 15:45

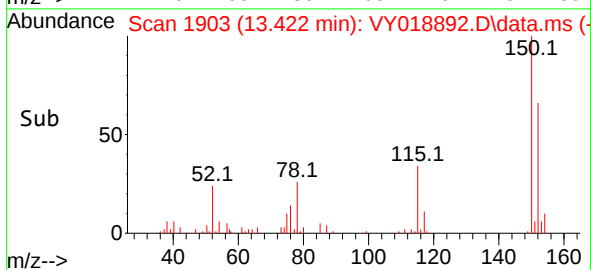
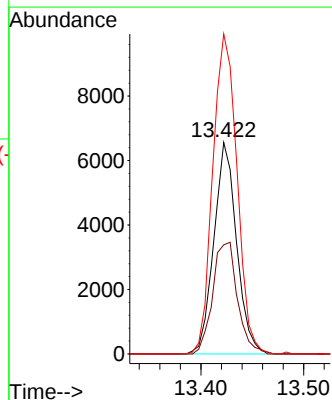
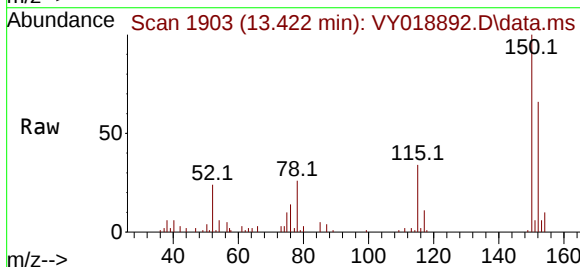
Tgt Ion:152 Resp: 10079

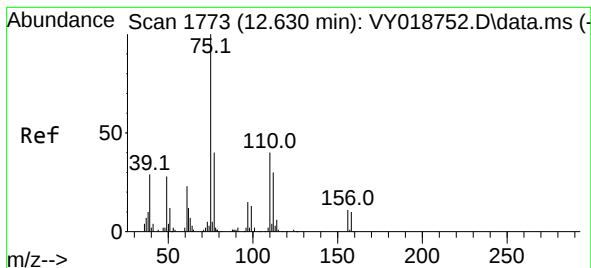
Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 160.8 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 65.796 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018892.D

Acq: 22 Jul 2024 15:45

Instrument :

MSVOA_Y

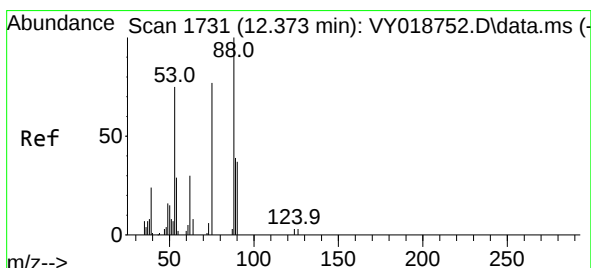
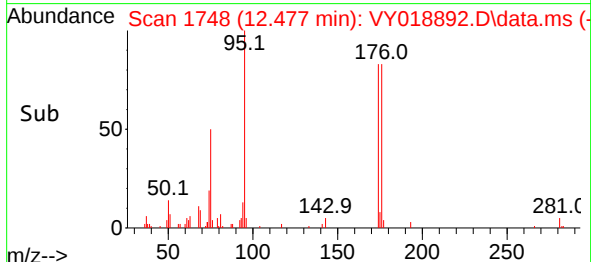
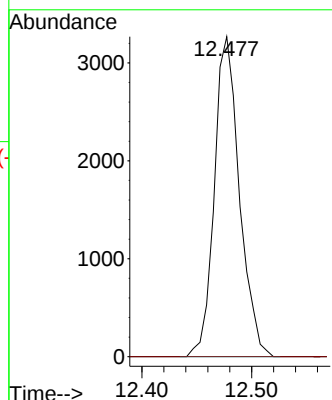
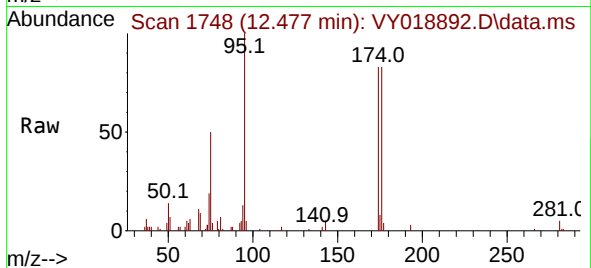
ClientSampleId :

Tgt Ion: 75 Resp: 5194

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 147.256 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY018892.D

Acq: 22 Jul 2024 15:45

Tgt Ion: 75 Resp: 5194

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

