

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071824\
 Data File : VY018869.D
 Acq On : 18 Jul 2024 16:57
 Operator : SY/MD
 Sample : P3246-09
 Misc : 6.64g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 19 01:42:23 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)

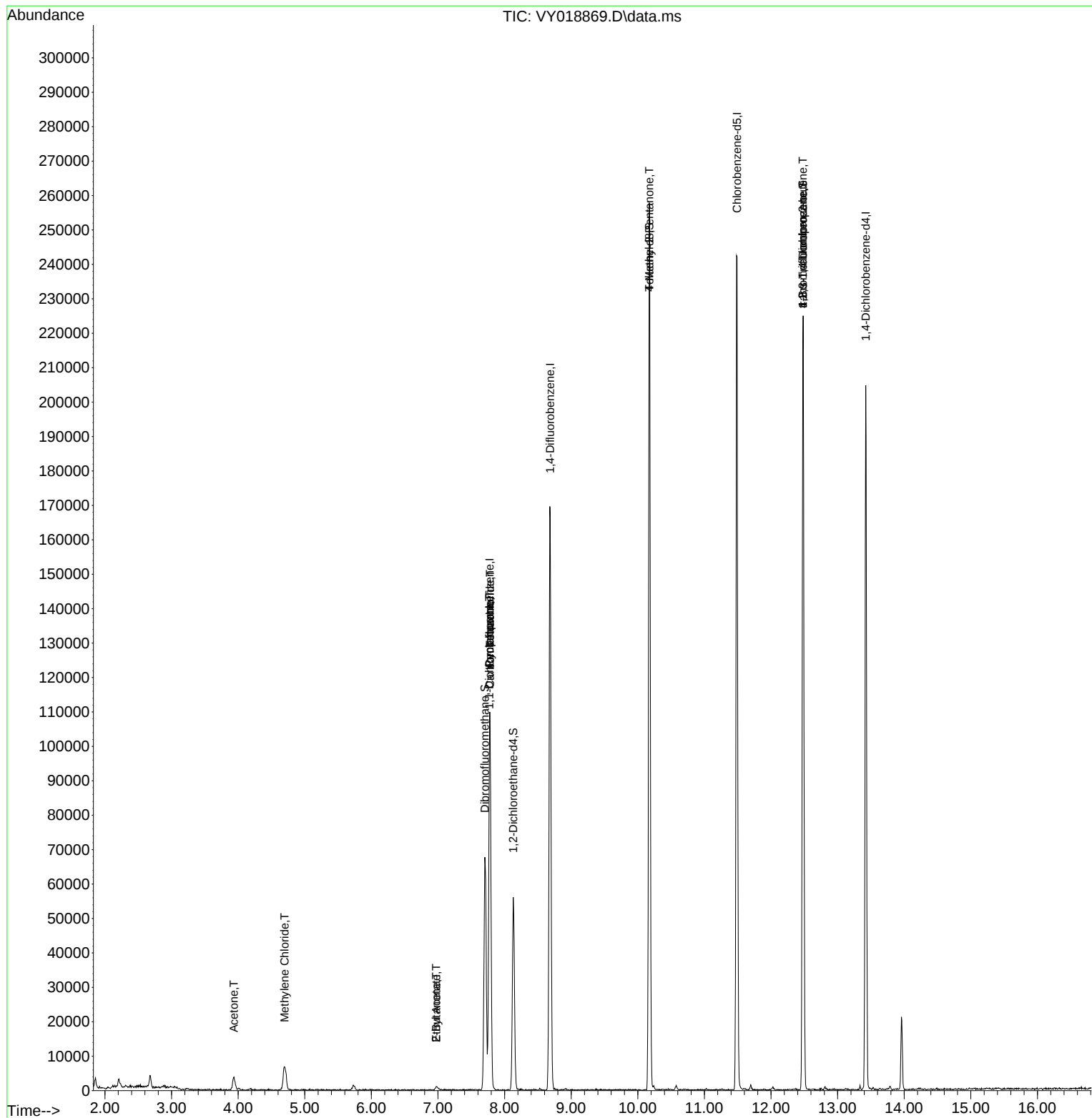
Internal Standards						
1) Pentafluorobenzene	7.777	168	86683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	148278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	136137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	41513	48.668	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.340%		
35) Dibromofluoromethane	7.704	113	46519	50.091	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.180%		
50) Toluene-d8	10.173	98	167334	47.559	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.120%		
62) 4-Bromofluorobenzene	12.477	95	53087	44.182	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.360%		
Target Compounds						
16) Acetone	3.936	43	6727	42.777	ug/l	95
20) Methylene Chloride	4.698	84	5785	1.701	ug/l #	87
25) 2-Butanone	6.972	43	1591	7.218	ug/l	90
31) Cyclohexane	7.777	56	1917	1.463	ug/l #	51
36) 1,1-Dichloropropene	7.771	75	6026	4.702	ug/l #	51
37) Ethyl Acetate	6.972	43	1591	2.987	ug/l #	67
38) Carbon Tetrachloride	7.783	117	8474	5.490	ug/l #	16
51) 4-Methyl-2-Pentanone	10.173	43	835	1.543	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	29927	72.833	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	29927	163.004	ug/l #	16

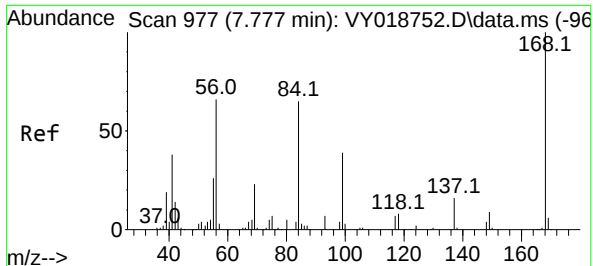
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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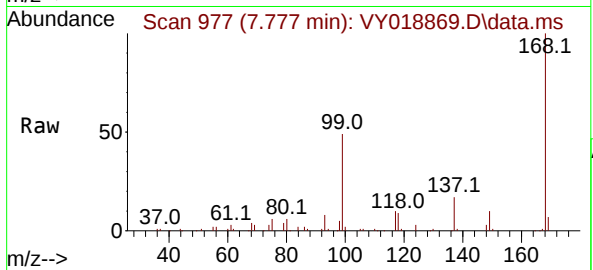
Quant Time: Jul 19 01:42:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



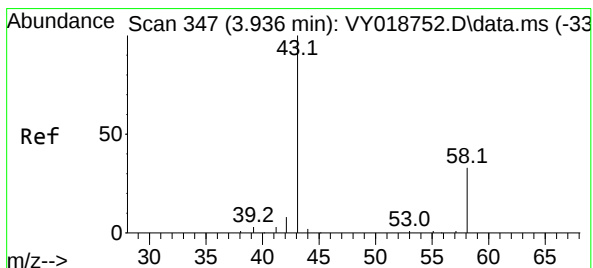
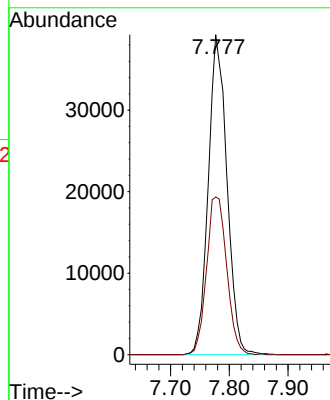
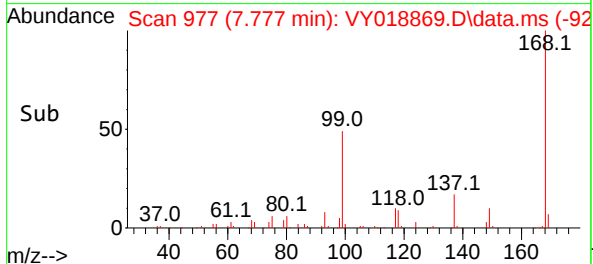


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018869.D
Acq: 18 Jul 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

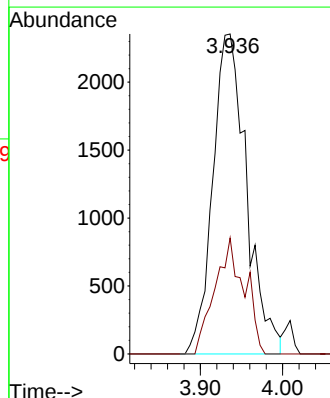
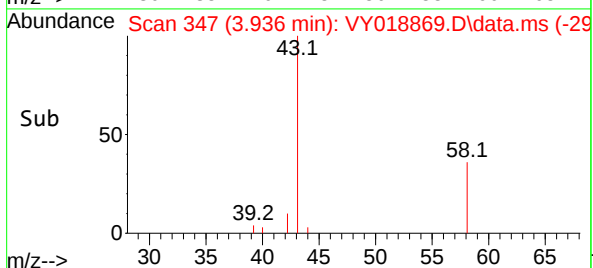
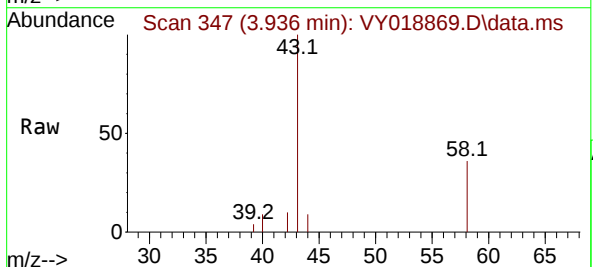


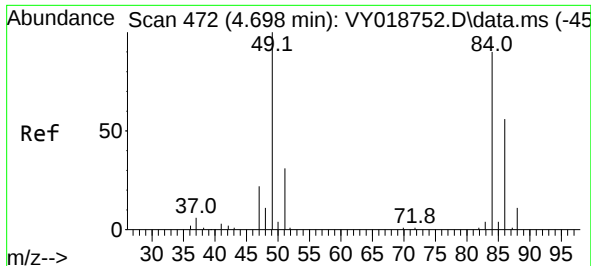
Tgt Ion:168 Resp: 86683
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#16
Acetone
Concen: 42.777 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018869.D
Acq: 18 Jul 2024 16:57

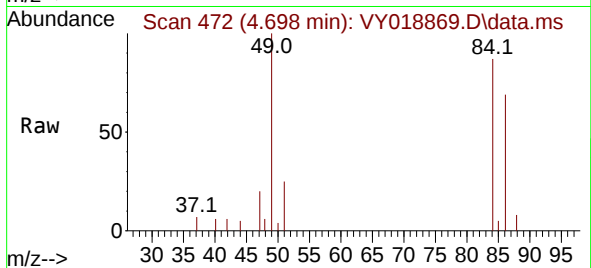
Tgt Ion: 43 Resp: 6727
Ion Ratio Lower Upper
43 100
58 36.3 31.7 47.5



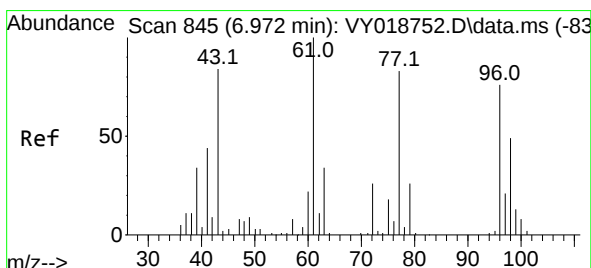
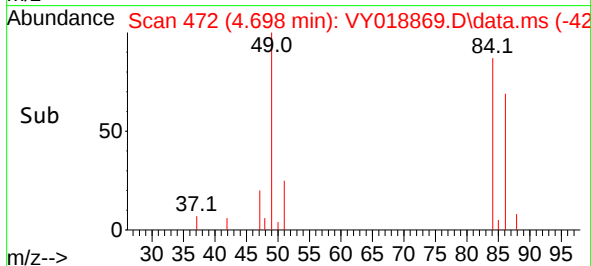
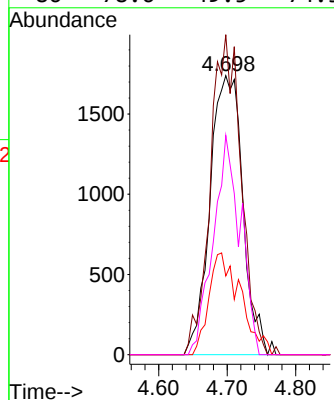


#20
Methylene Chloride
Concen: 1.701 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018869.D
Acq: 18 Jul 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

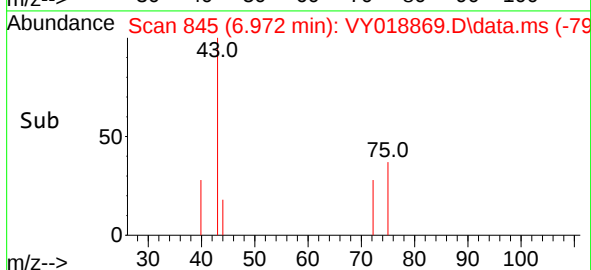
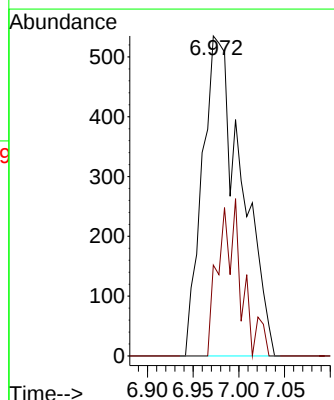
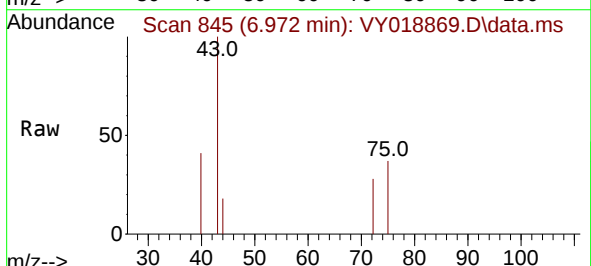


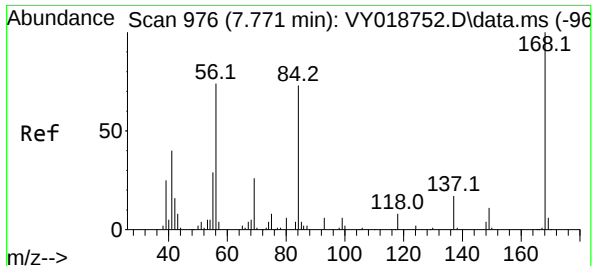
Tgt Ion: 84	Resp: 5785
Ion Ratio	Lower Upper
84 100	
49 114.7	84.4 126.6
51 28.2	26.0 39.0
86 78.6	49.5 74.3#



#25
2-Butanone
Concen: 7.218 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018869.D
Acq: 18 Jul 2024 16:57

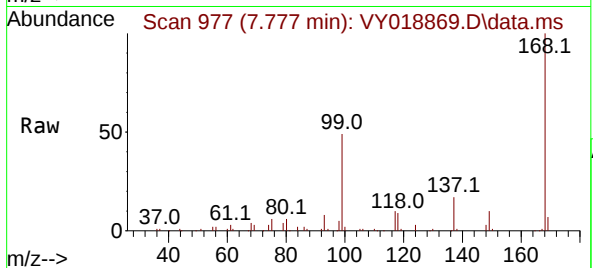
Tgt Ion: 43	Resp: 1591
Ion Ratio	Lower Upper
43 100	
72 28.4	27.3 40.9



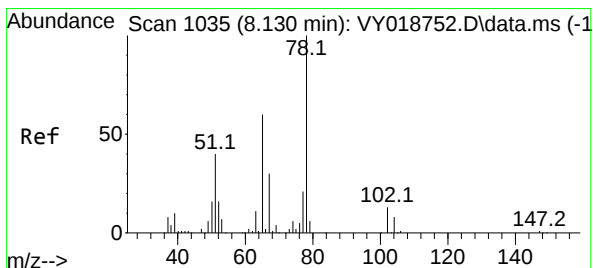
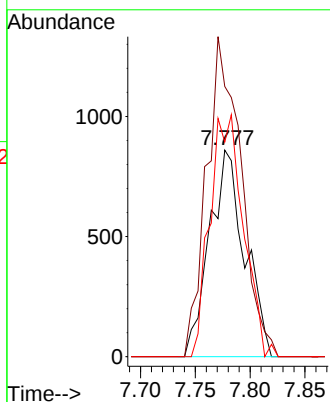
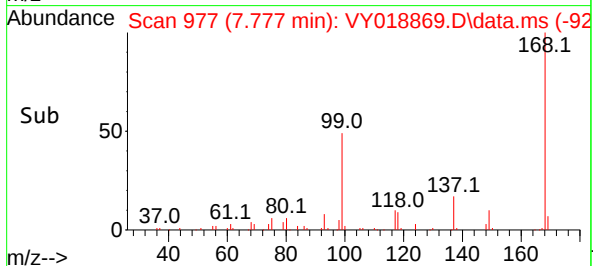


#31
Cyclohexane
Concen: 1.463 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018869.D
Acq: 18 Jul 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

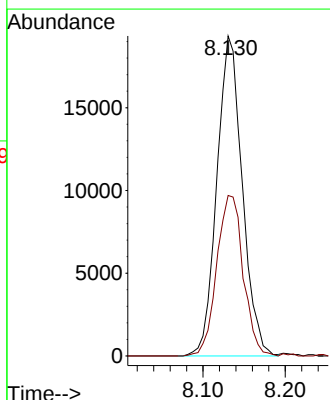
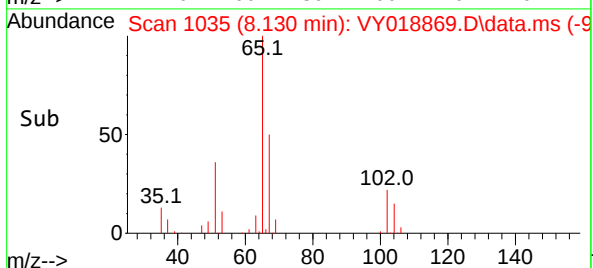
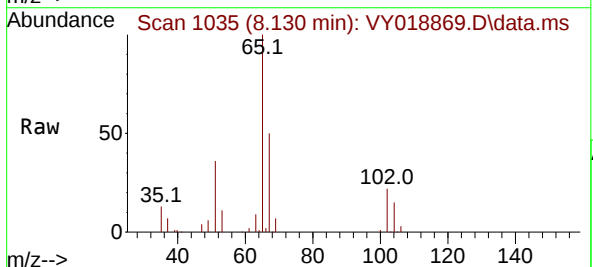


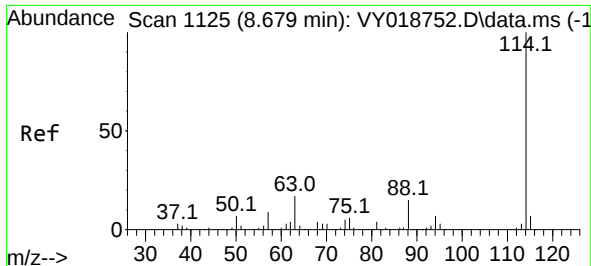
Tgt Ion: 56 Resp: 1917
Ion Ratio Lower Upper
56 100
69 130.8 28.7 43.1#
84 103.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 48.668 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018869.D
Acq: 18 Jul 2024 16:57

Tgt Ion: 65 Resp: 41513
Ion Ratio Lower Upper
65 100
67 52.2 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: VY018869.D

Acq: 18 Jul 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

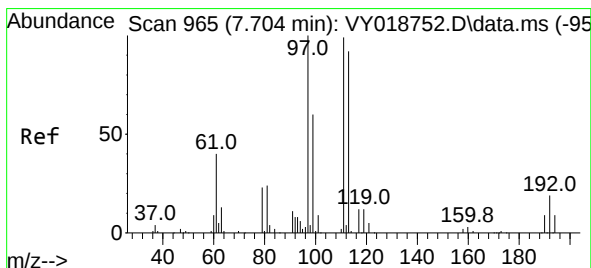
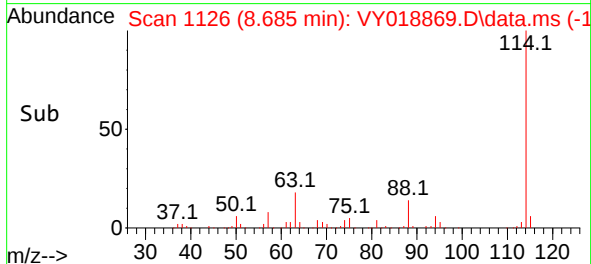
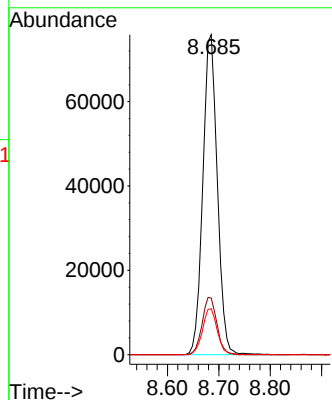
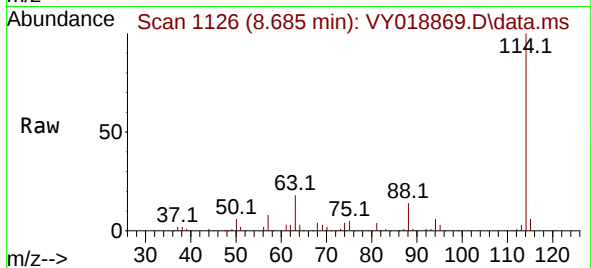
Tgt Ion:114 Resp: 148278

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.091 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018869.D

Acq: 18 Jul 2024 16:57

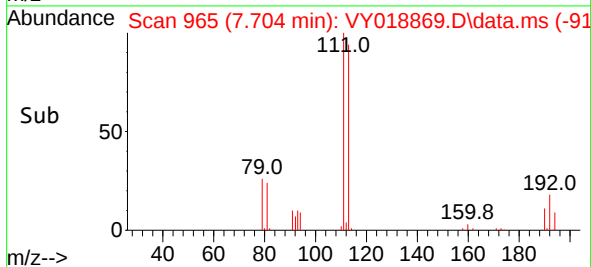
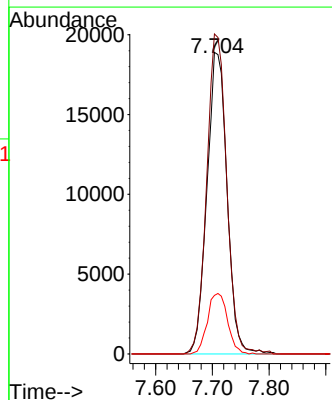
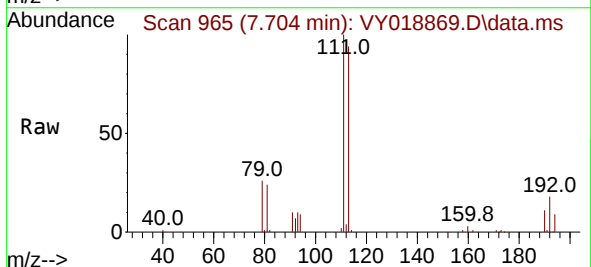
Tgt Ion:113 Resp: 46519

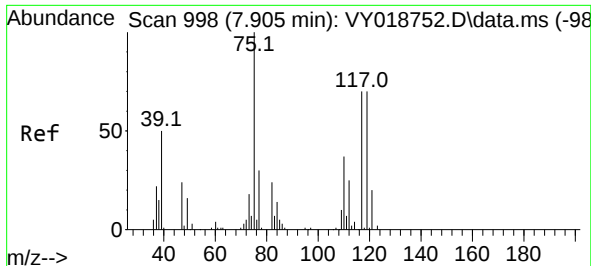
Ion Ratio Lower Upper

113 100

111 105.4 82.2 123.4

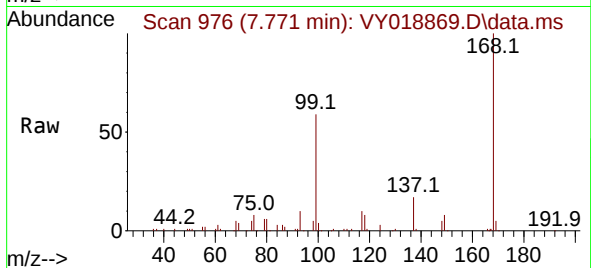
192 20.1 15.9 23.9



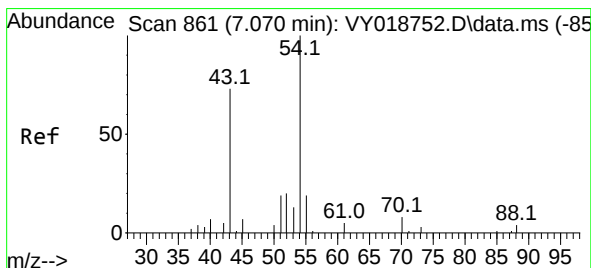
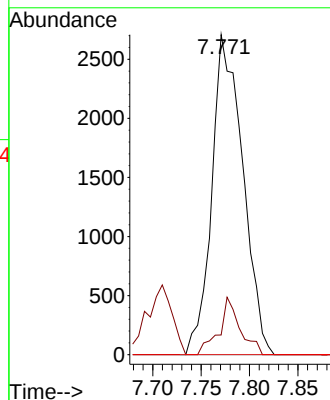
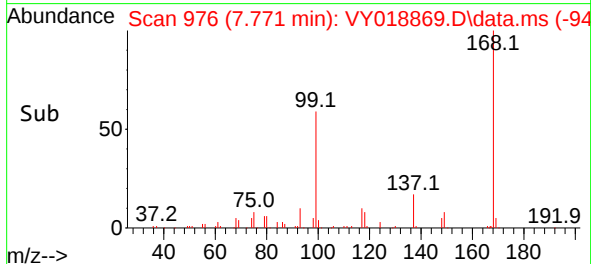


#36
 1,1-Dichloropropene
 Concen: 4.702 ug/l
 RT: 7.771 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY018869.D
 Acq: 18 Jul 2024 16:57

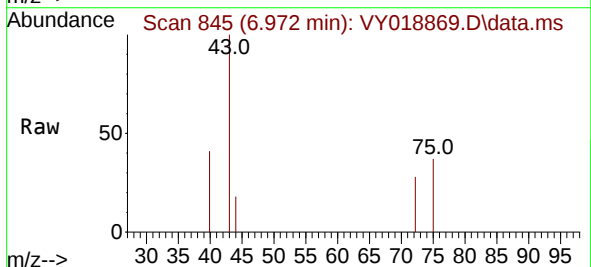
Instrument :
 MSVOA_Y
 ClientSampleId :



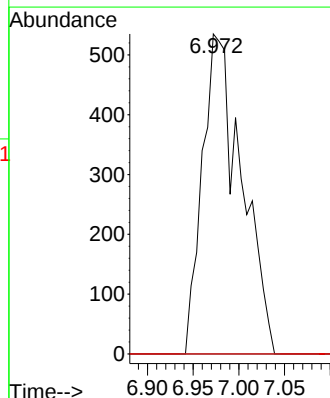
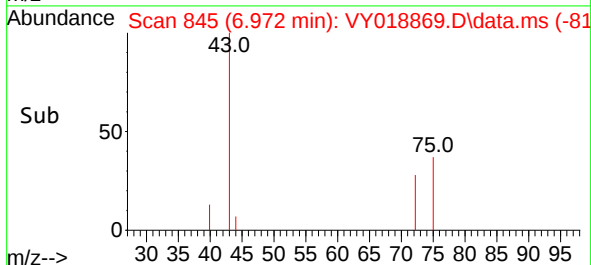
Tgt Ion: 75 Resp: 6026
 Ion Ratio Lower Upper
 75 100
 110 12.2 19.0 57.0#
 77 0.0 25.3 37.9#

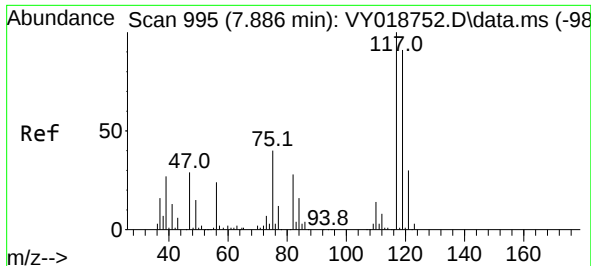


#37
 Ethyl Acetate
 Concen: 2.987 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. -0.097 min
 Lab File: VY018869.D
 Acq: 18 Jul 2024 16:57



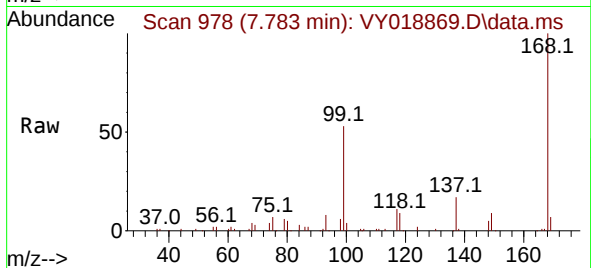
Tgt Ion: 43 Resp: 1591
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.6 19.0#
 70 0.0 7.8 11.8#



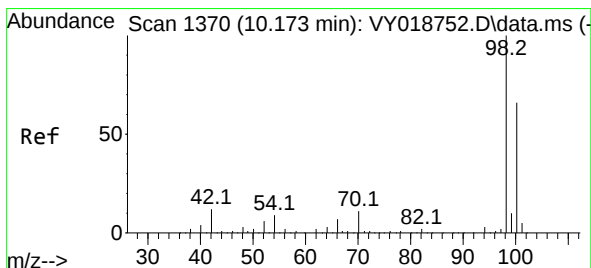
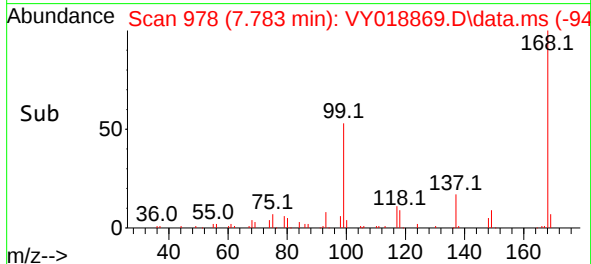
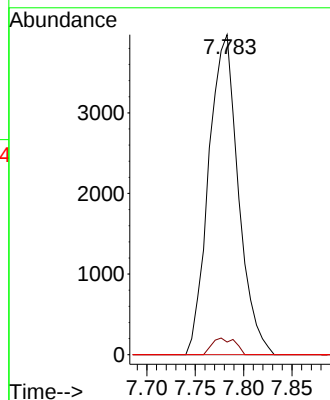


#38
Carbon Tetrachloride
Concen: 5.490 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY018869.D
Acq: 18 Jul 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

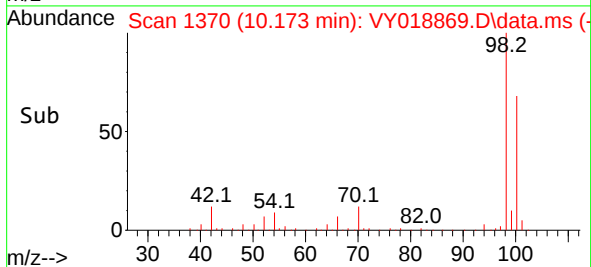
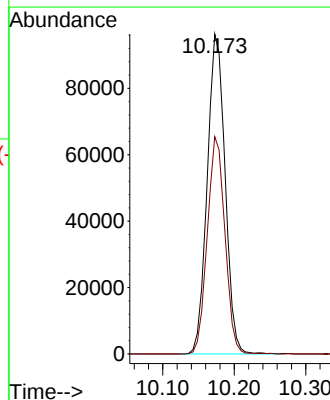
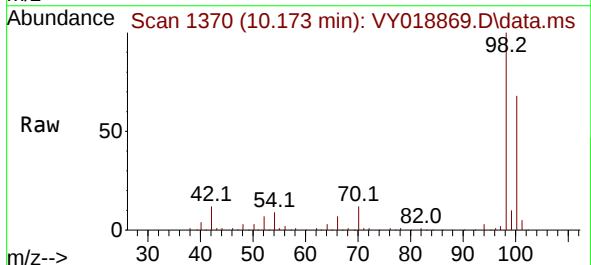


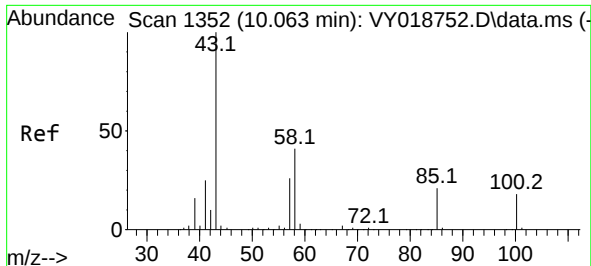
Tgt Ion:117 Resp: 8474
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.559 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018869.D
Acq: 18 Jul 2024 16:57

Tgt Ion: 98 Resp: 167334
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0

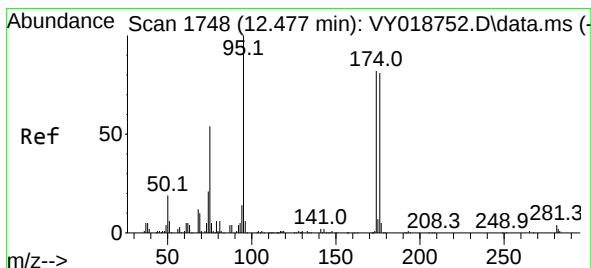
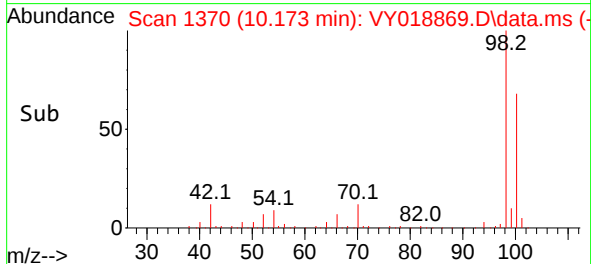
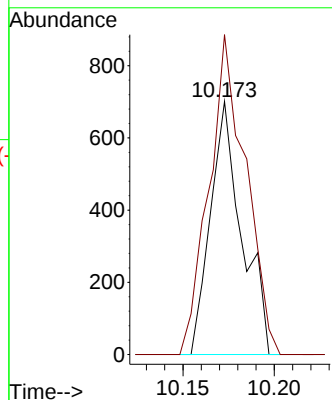
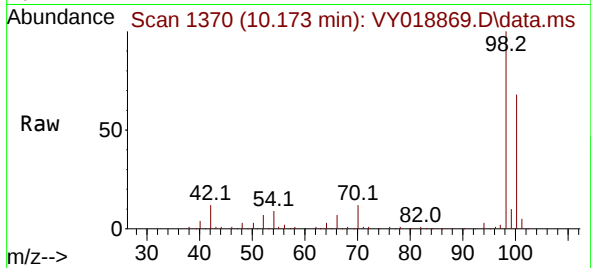




#51
4-Methyl-2-Pentanone
Concen: 1.543 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY018869.D
Acq: 18 Jul 2024 16:57

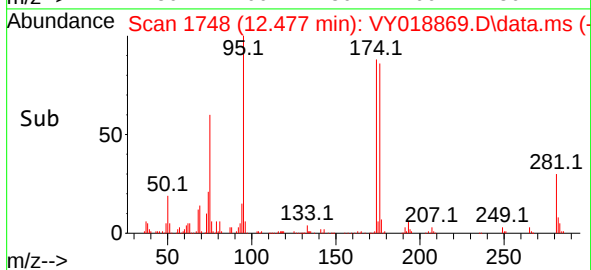
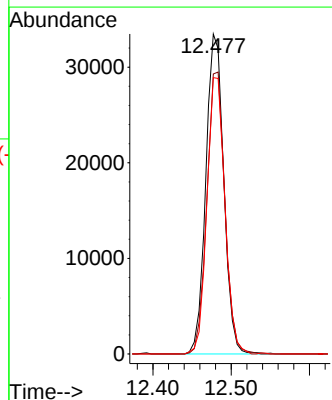
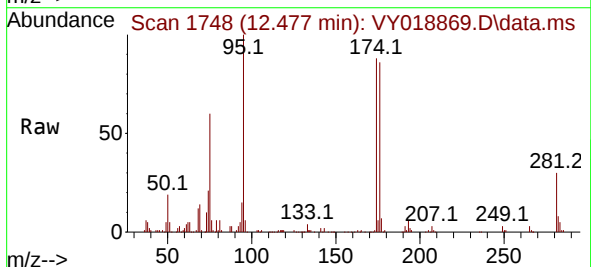
Instrument :
MSVOA_Y
ClientSampleId :

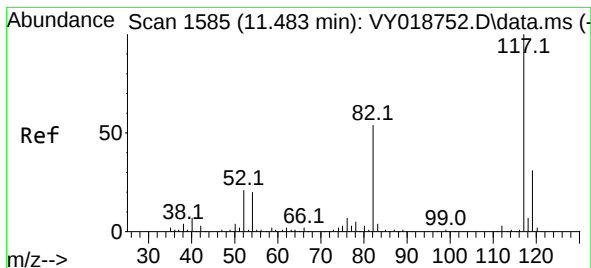
Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
58 148.6 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 44.182 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018869.D
Acq: 18 Jul 2024 16:57

Tgt Ion: 95 Resp: 53087
Ion Ratio Lower Upper
95 100
174 88.7 0.0 175.6
176 86.4 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: VY018869.D

Acq: 18 Jul 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

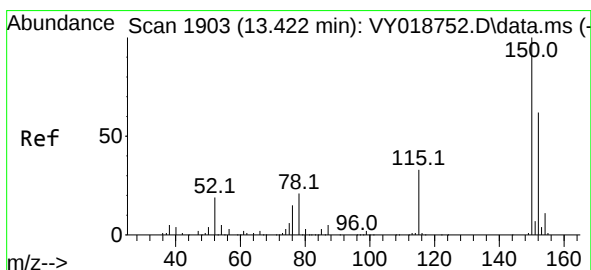
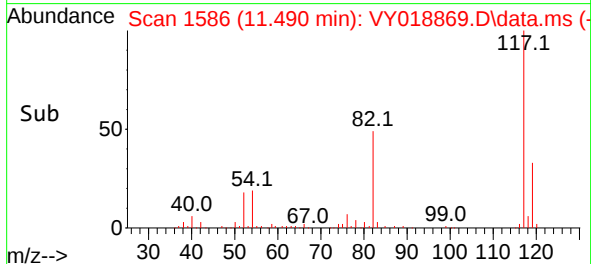
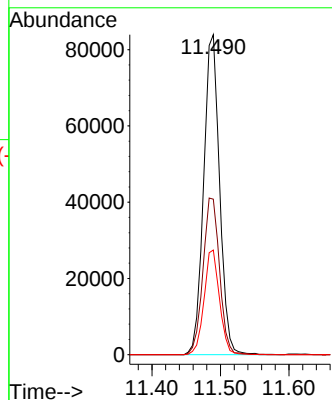
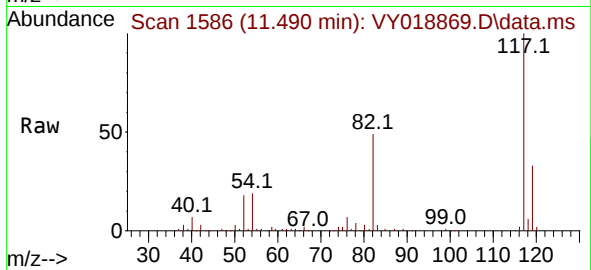
Tgt Ion:117 Resp: 136137

Ion Ratio Lower Upper

117 100

82 48.6 42.4 63.6

119 32.7 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: VY018869.D

Acq: 18 Jul 2024 16:57

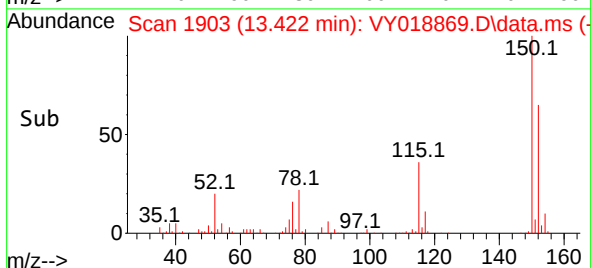
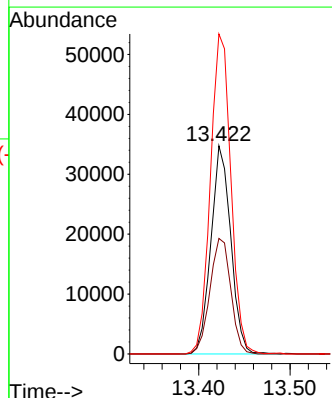
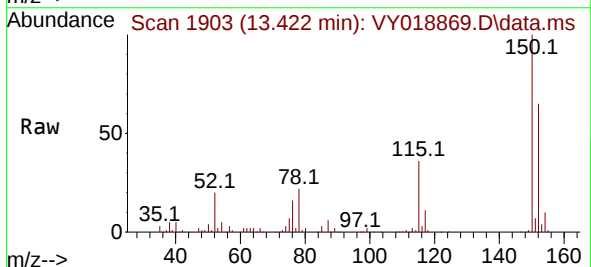
Tgt Ion:152 Resp: 52463

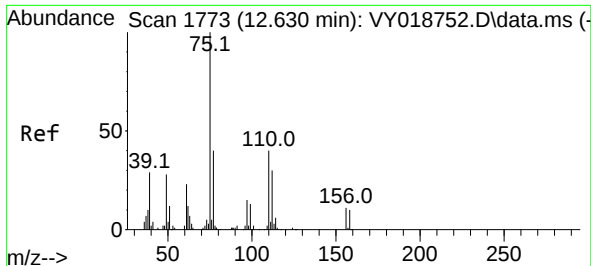
Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 158.0 0.0 345.6

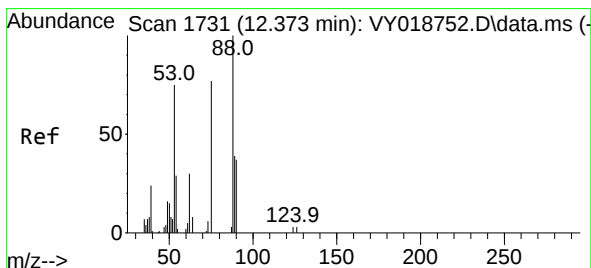
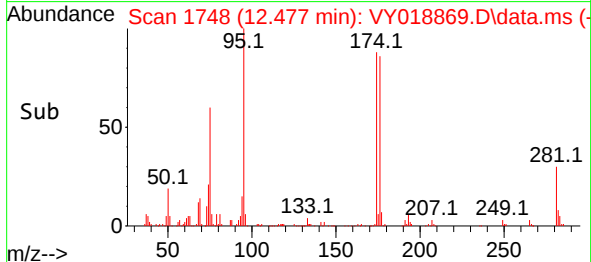
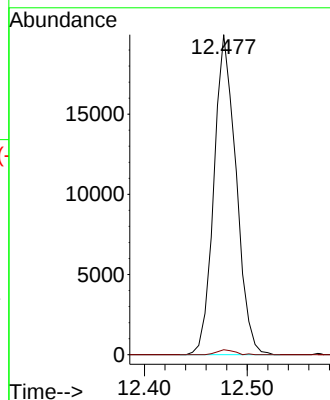
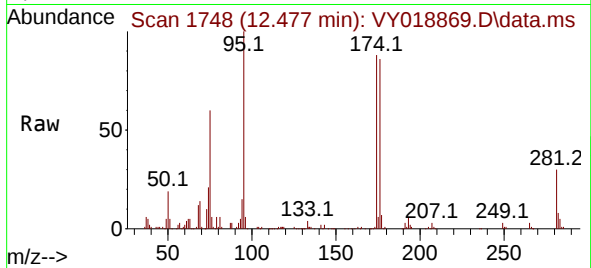




#76
1,2,3-Trichloropropane
Concen: 72.833 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY018869.D
Acq: 18 Jul 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 29927
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 163.004 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018869.D
Acq: 18 Jul 2024 16:57

Tgt Ion: 75 Resp: 29927
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.4 35.8 53.6#

