

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
 Data File : VY018655.D
 Acq On : 20 Jun 2024 14:40
 Operator : SY/MD
 Sample : P2955-02
 Misc : 5.41g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 21 01:07:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

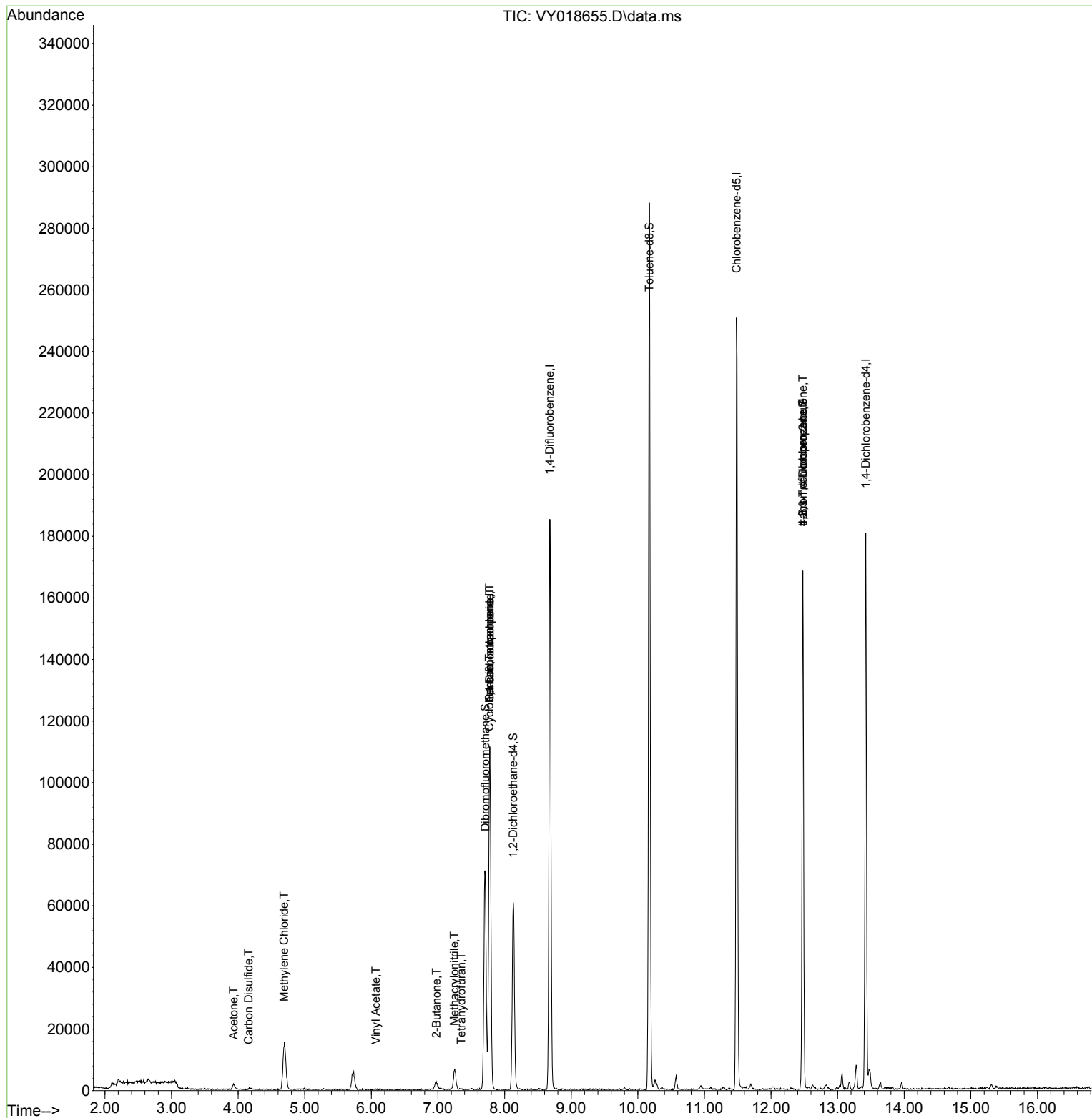
Internal Standards						
1) Pentafluorobenzene	7.776	168	87516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	162175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	141123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47181	53.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.100%	
35) Dibromofluoromethane	7.709	113	50911	51.462	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.920%	
50) Toluene-d8	10.172	98	187984	49.411	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.820%	
62) 4-Bromofluorobenzene	12.477	95	49098	40.869	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.740%	
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	3046	16.992	ug/l	94
17) Carbon Disulfide	4.155	76	566	2.433	ug/l #	76
20) Methylene Chloride	4.692	84	12074	2.399	ug/l	93
23) Vinyl Acetate	6.069	43	57	23.717	ug/l #	67
25) 2-Butanone	6.978	43	565	2.103	ug/l #	41
29) Tetrahydrofuran	7.350	42	183	1.110	ug/l #	34
31) Cyclohexane	7.770	56	1913	1.417	ug/l #	25
36) 1,1-Dichloropropene	7.776	75	6787	4.984	ug/l #	51
38) Carbon Tetrachloride	7.776	117	8304	5.813	ug/l #	16
41) Methacrylonitrile	7.246	41	3384	10.481	ug/l #	35
76) 1,2,3-Trichloropropane	12.477	75	26556	62.622	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	26556	164.030	ug/l #	16

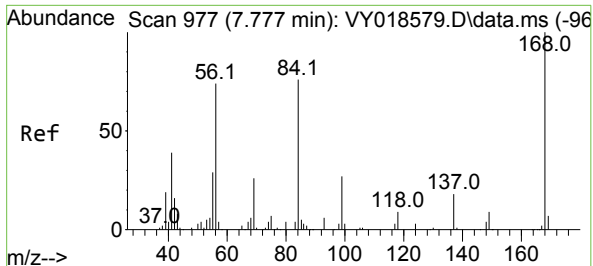
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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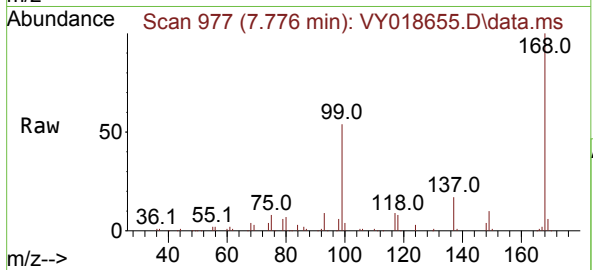
Quant Time: Jun 21 01:07:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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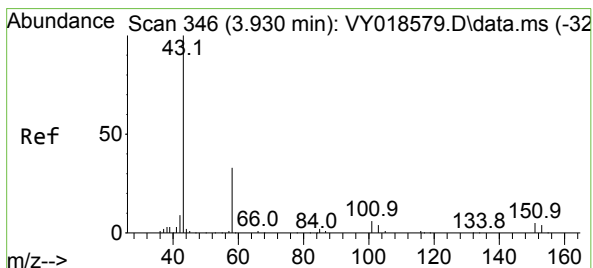
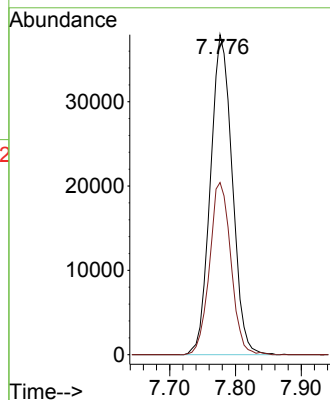
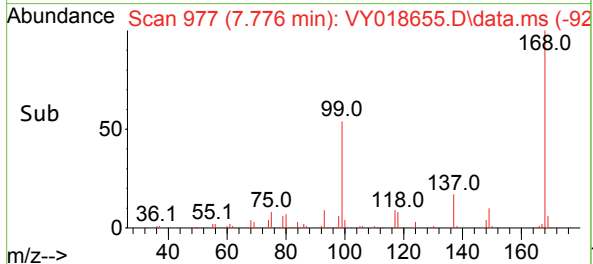


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40

Instrument :
MSVOA_Y
ClientSampleId :

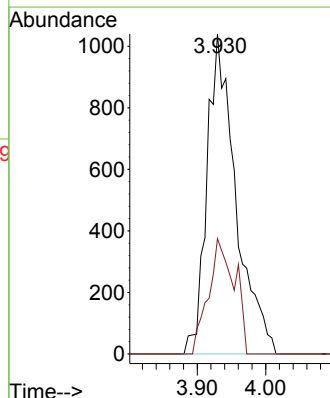
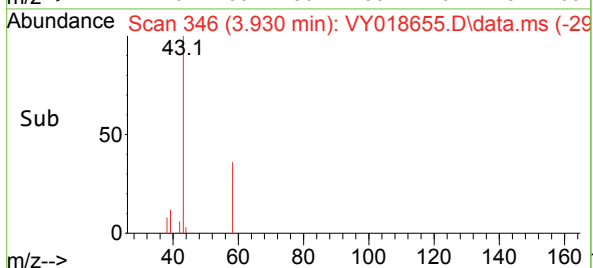
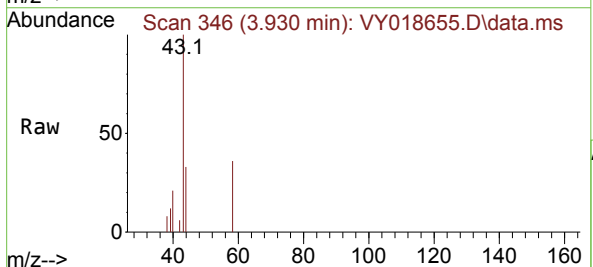


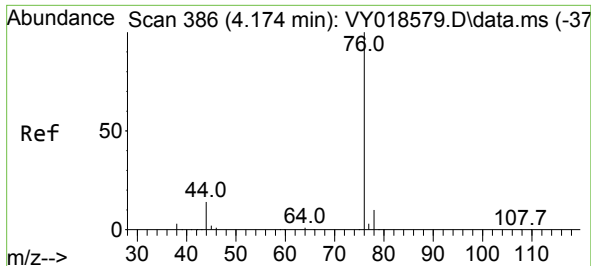
Tgt Ion:168 Resp: 87516
Ion Ratio Lower Upper
168 100
99 53.8 39.1 58.7



#16
Acetone
Concen: 16.992 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40

Tgt Ion: 43 Resp: 3046
Ion Ratio Lower Upper
43 100
58 36.1 31.7 47.5





#17

Carbon Disulfide

Concen: 2.433 ug/l

RT: 4.155 min Scan# 383

Delta R.T. -0.019 min

Lab File: VY018655.D

Acq: 20 Jun 2024 14:40

Instrument :

MSVOA_Y

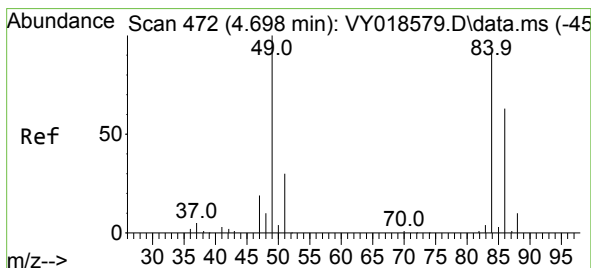
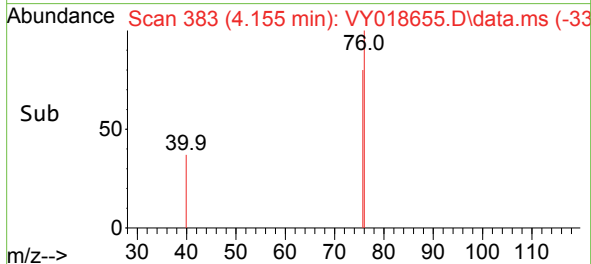
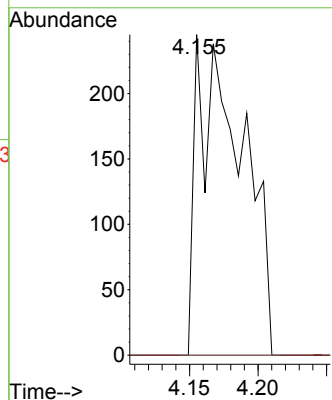
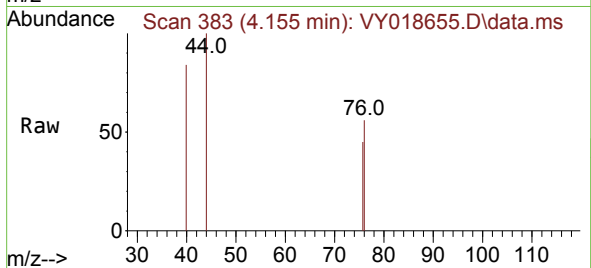
ClientSampleId :

Tgt Ion: 76 Resp: 566

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#



#20

Methylene Chloride

Concen: 2.399 ug/l

RT: 4.692 min Scan# 471

Delta R.T. -0.006 min

Lab File: VY018655.D

Acq: 20 Jun 2024 14:40

Tgt Ion: 84 Resp: 12074

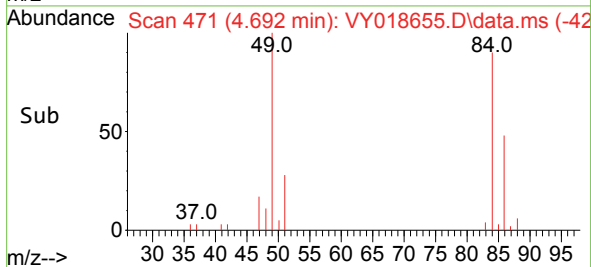
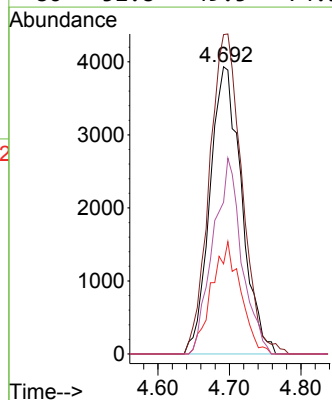
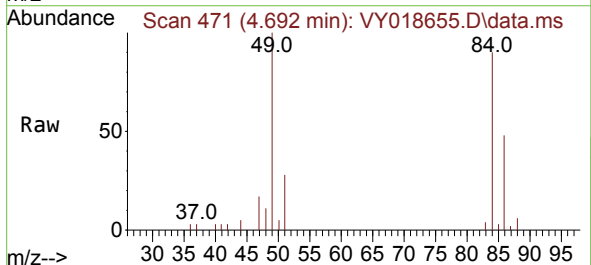
Ion Ratio Lower Upper

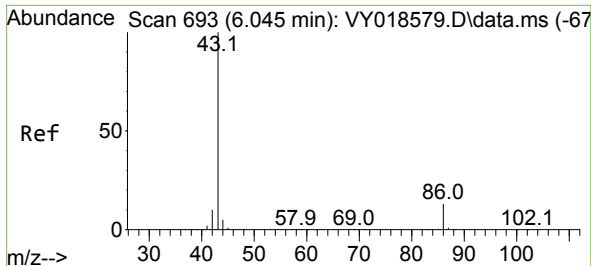
84 100

49 111.2 84.4 126.6

51 31.4 26.0 39.0

86 52.8 49.5 74.3

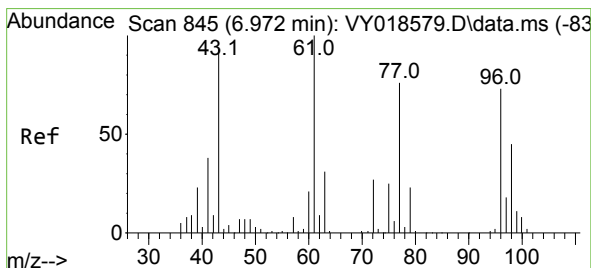
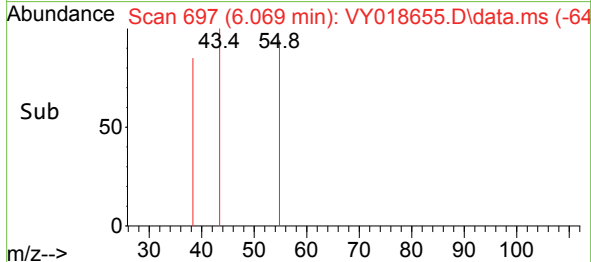
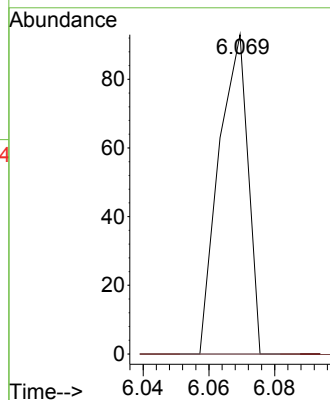
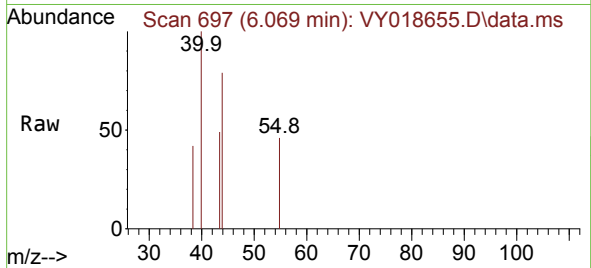




#23
 Vinyl Acetate
 Concen: 23.717 ug/l
 RT: 6.069 min Scan# 61
 Delta R.T. 0.024 min
 Lab File: VY018655.D
 Acq: 20 Jun 2024 14:40

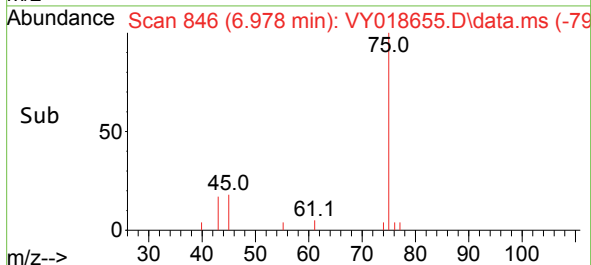
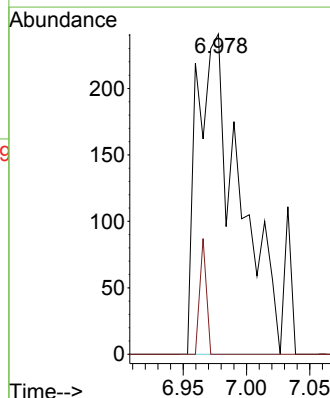
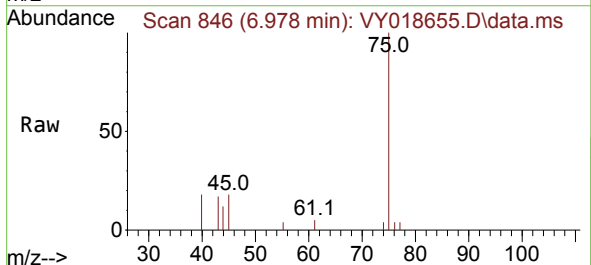
Instrument :
 MSVOA_Y
 ClientSampleId :

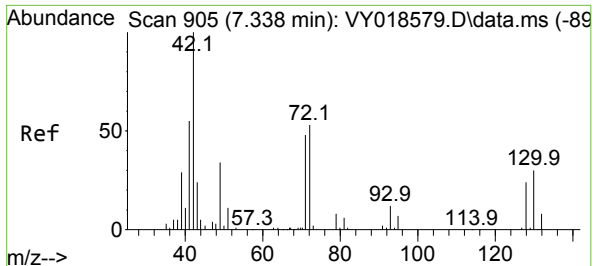
Tgt Ion: 43 Resp: 57
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#25
 2-Butanone
 Concen: 2.103 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY018655.D
 Acq: 20 Jun 2024 14:40

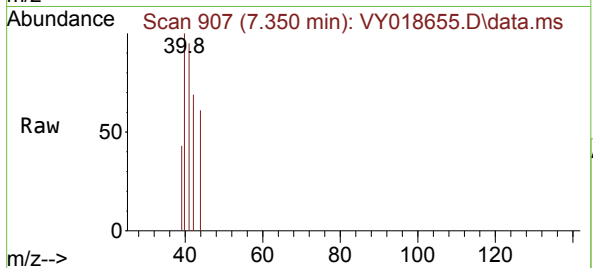
Tgt Ion: 43 Resp: 565
 Ion Ratio Lower Upper
 43 100
 72 0.0 27.3 40.9#



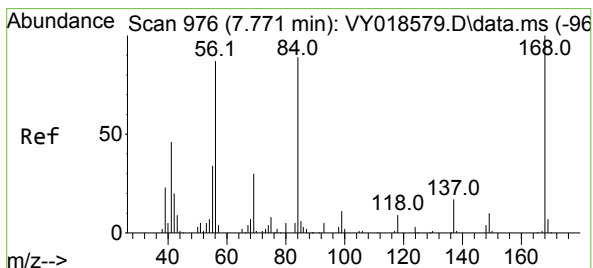
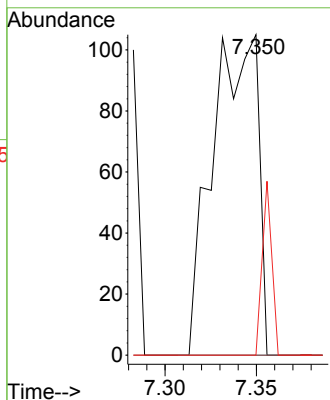
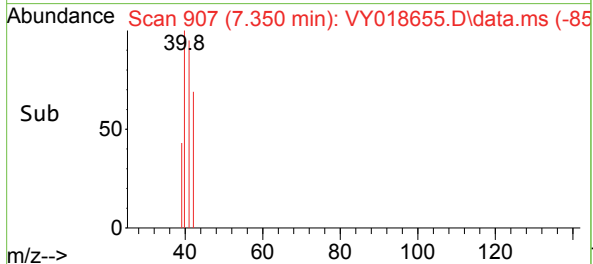


#29
Tetrahydrofuran
Concen: 1.110 ug/l
RT: 7.350 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40

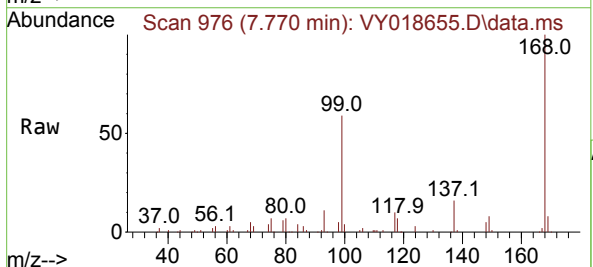
Instrument :
MSVOA_Y
ClientSampleId :



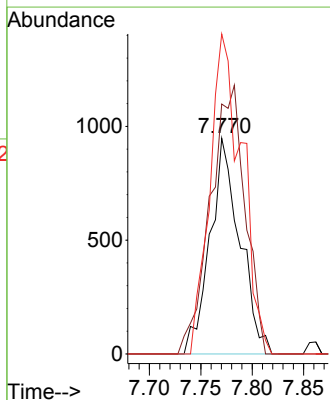
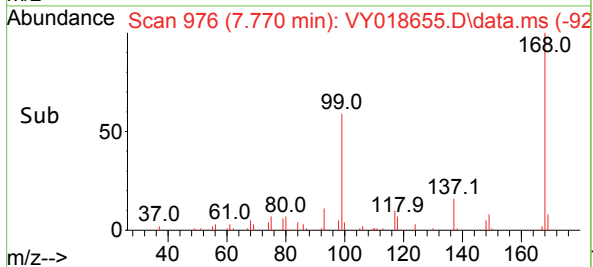
Tgt Ion: 42 Resp: 183
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 11.5 40.8 61.2#

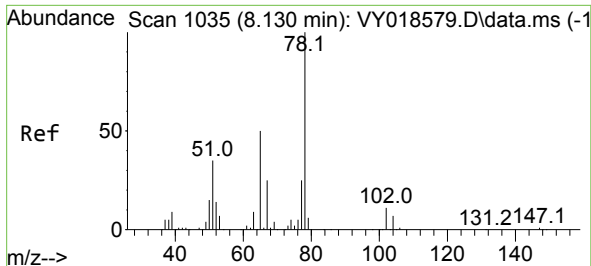


#31
Cyclohexane
Concen: 1.417 ug/l
RT: 7.770 min Scan# 976
Delta R.T. -0.000 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40



Tgt Ion: 56 Resp: 1913
Ion Ratio Lower Upper
56 100
69 115.8 28.7 43.1#
84 148.3 77.7 116.5#

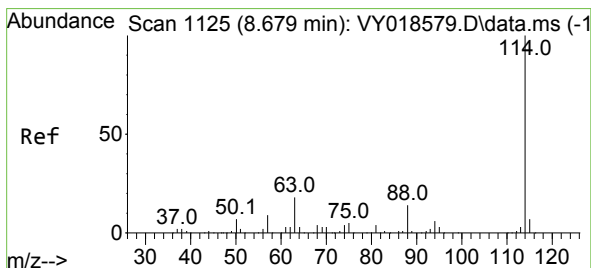
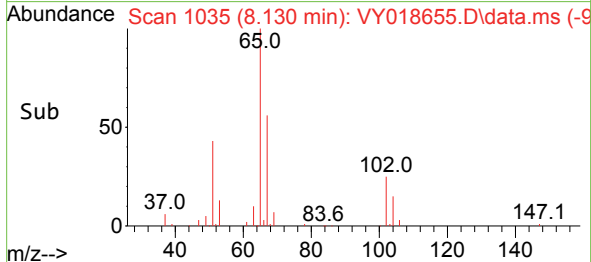
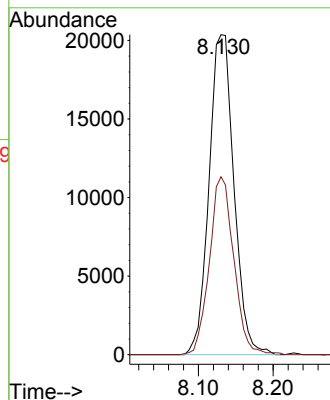
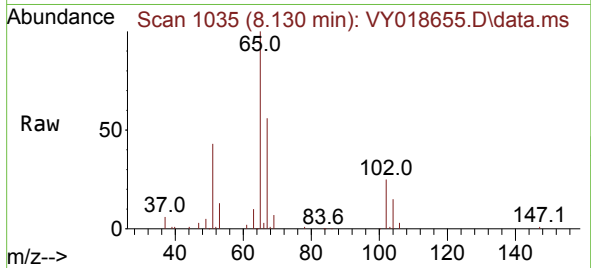




#33
 1,2-Dichloroethane-d4
 Concen: 53.548 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VY018655.D
 Acq: 20 Jun 2024 14:40

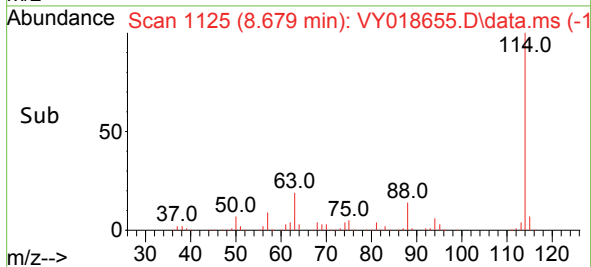
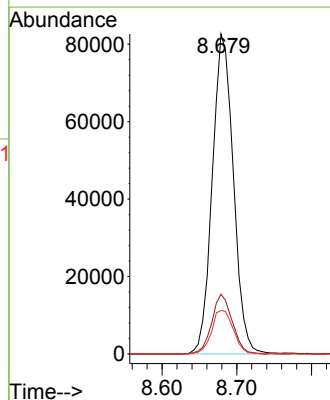
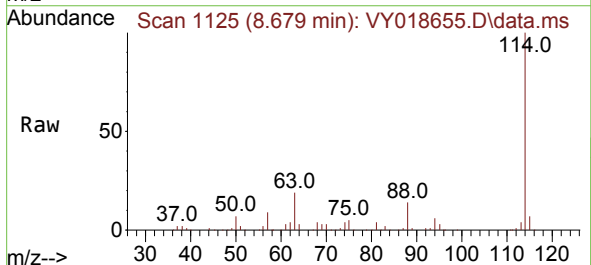
Instrument :
 MSVOA_Y
 ClientSampleId :

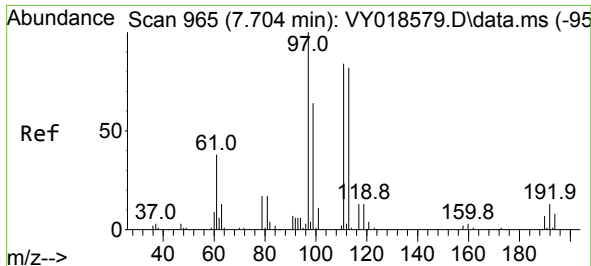
Tgt Ion: 65 Resp: 47181
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: VY018655.D
 Acq: 20 Jun 2024 14:40

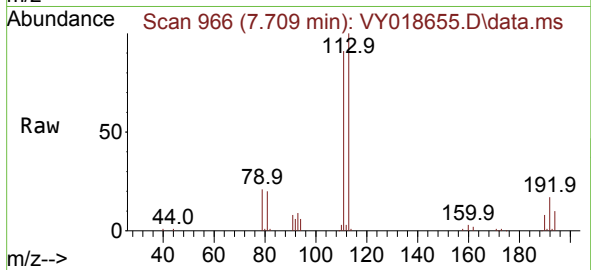
Tgt Ion:114 Resp: 162175
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.0
 88 13.6 0.0 27.2



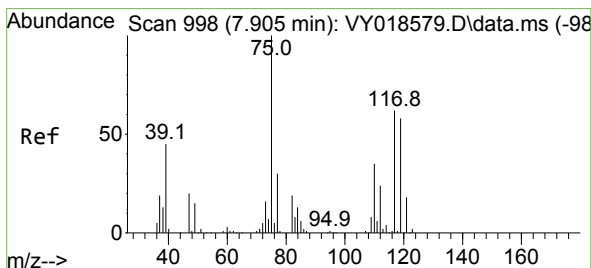
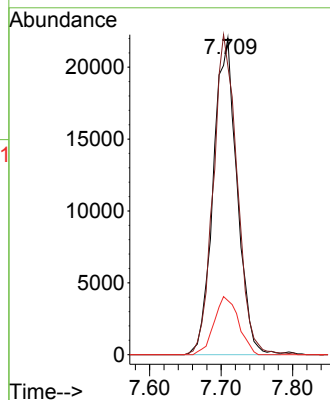
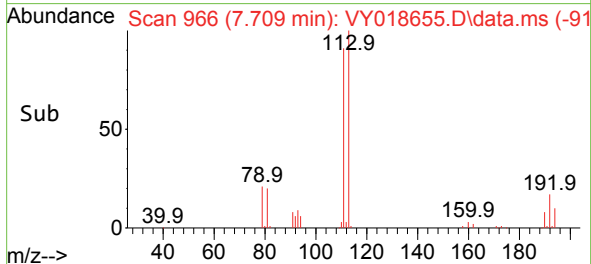


#35
Dibromofluoromethane
Concen: 51.462 ug/l
RT: 7.709 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40

Instrument :
MSVOA_Y
ClientSampleId :

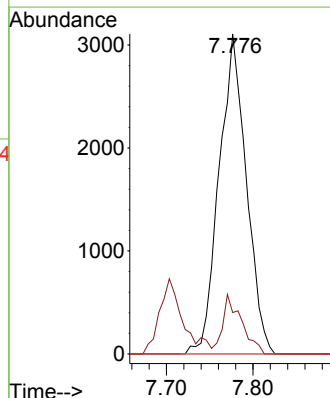
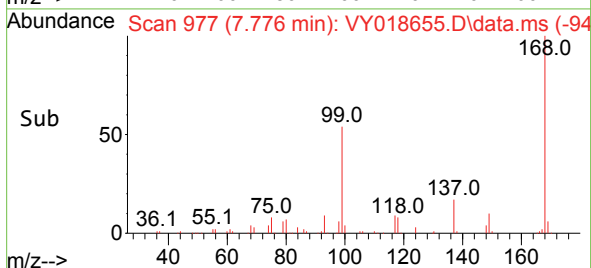
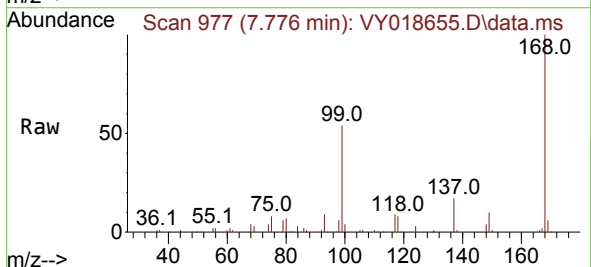


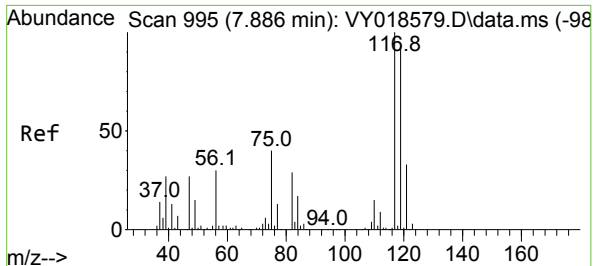
Tgt Ion:113 Resp: 50911
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 18.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.984 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40

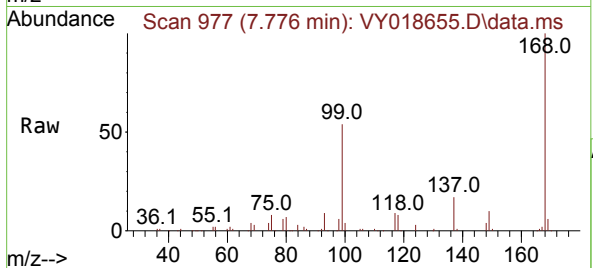
Tgt Ion: 75 Resp: 6787
Ion Ratio Lower Upper
75 100
110 12.9 19.0 57.0#
77 0.0 25.3 37.9#



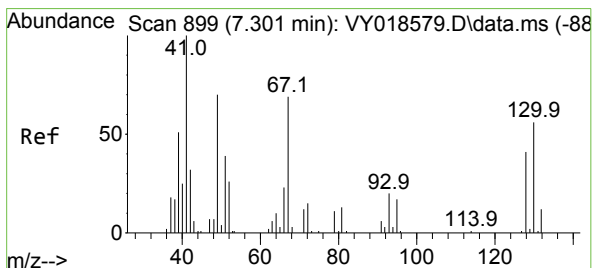
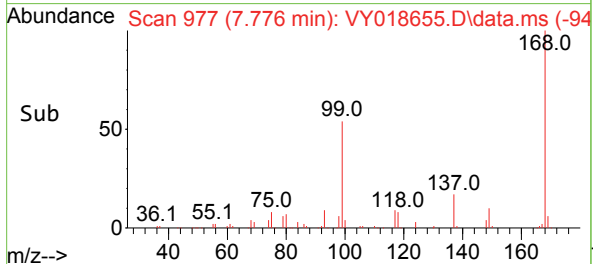
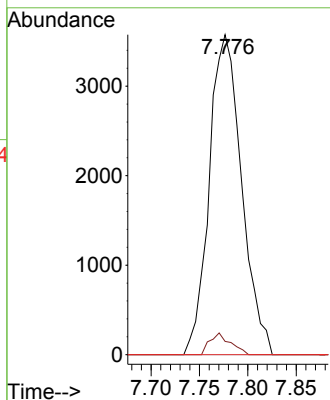


#38
Carbon Tetrachloride
Concen: 5.813 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40

Instrument :
MSVOA_Y
ClientSampleId :

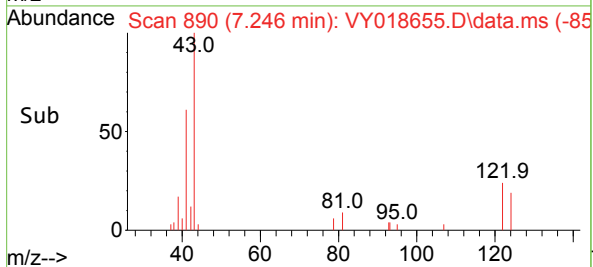
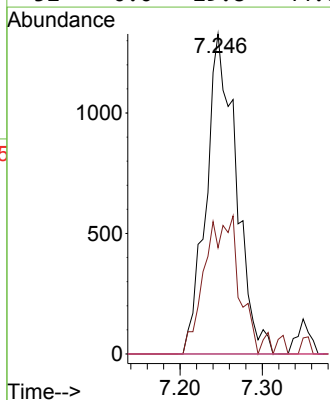
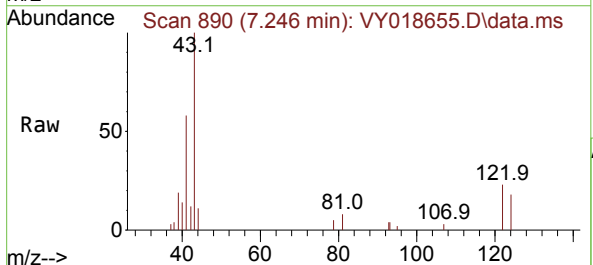


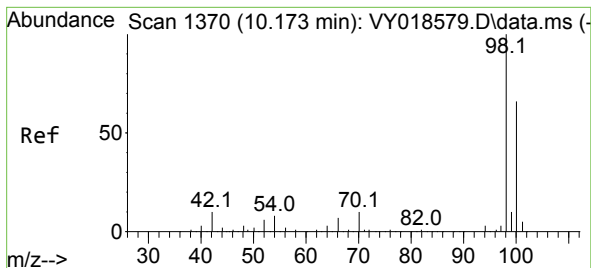
Tgt Ion:117 Resp: 8304
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.6#
121 0.0 24.0 36.0#



#41
Methacrylonitrile
Concen: 10.481 ug/l
RT: 7.246 min Scan# 890
Delta R.T. -0.055 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40

Tgt Ion: 41 Resp: 3384
Ion Ratio Lower Upper
41 100
39 48.3 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#

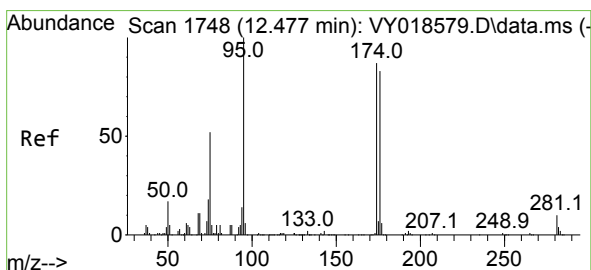
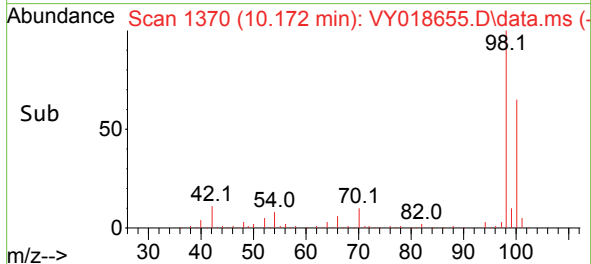
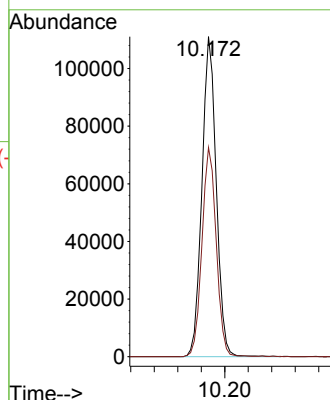
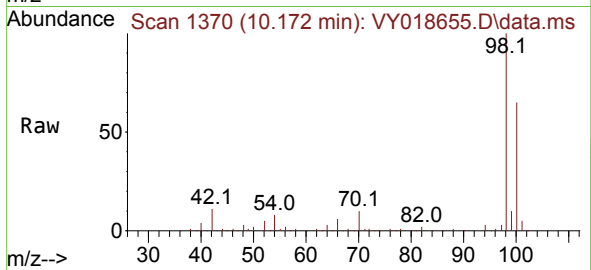




#50
Toluene-d8
Concen: 49.411 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40

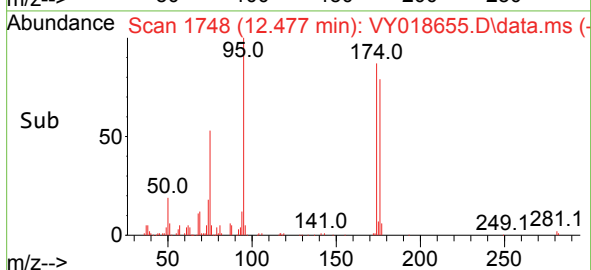
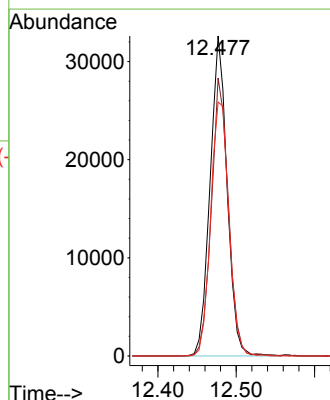
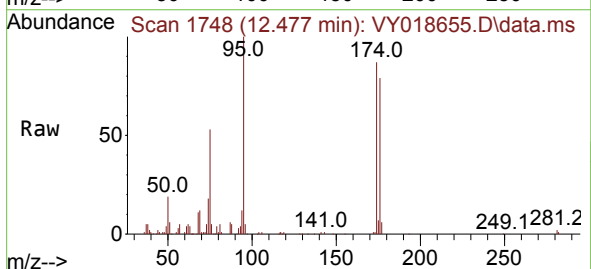
Instrument :
MSVOA_Y
ClientSampleId :

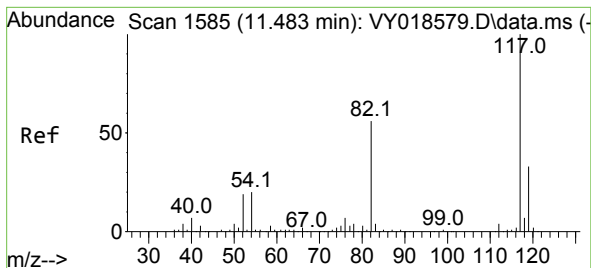
Tgt Ion: 98 Resp: 187984
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.869 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40

Tgt Ion: 95 Resp: 49098
Ion Ratio Lower Upper
95 100
174 87.3 0.0 175.6
176 85.4 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: VY018655.D

Acq: 20 Jun 2024 14:40

Instrument :

MSVOA_Y

ClientSampleId :

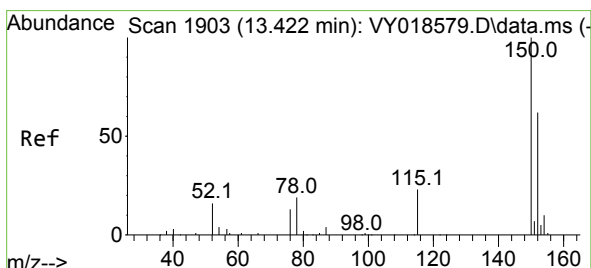
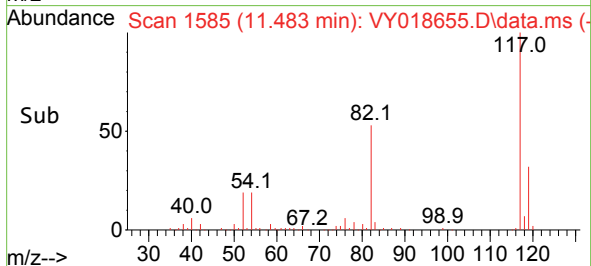
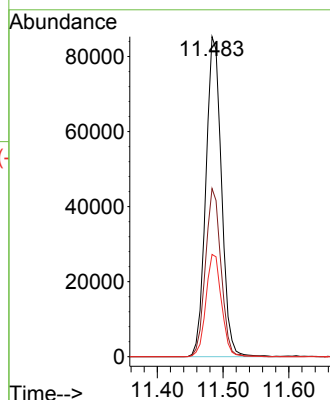
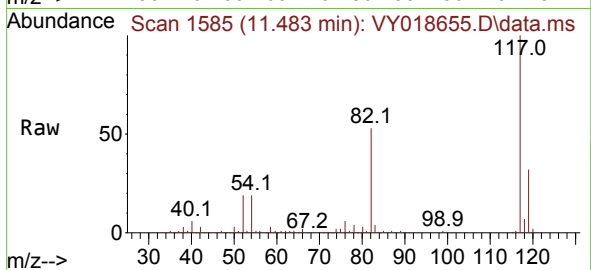
Tgt Ion:117 Resp: 141123

Ion Ratio Lower Upper

117 100

82 52.5 42.4 63.6

119 32.0 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: VY018655.D

Acq: 20 Jun 2024 14:40

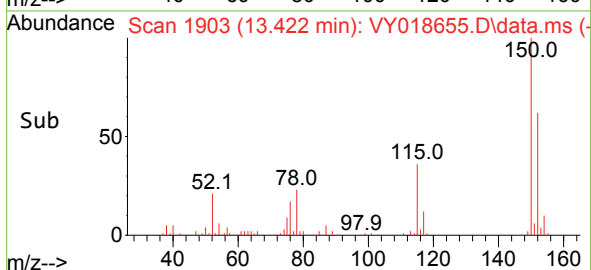
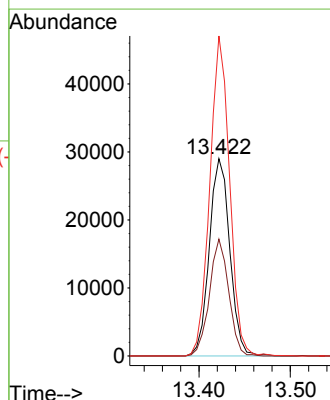
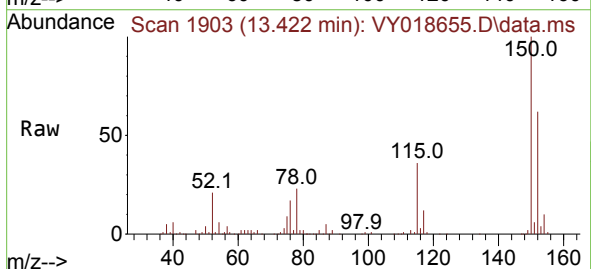
Tgt Ion:152 Resp: 45208

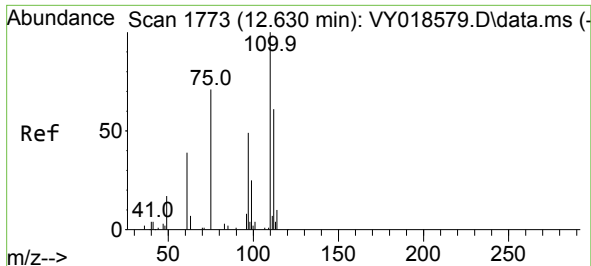
Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

150 156.0 0.0 345.6

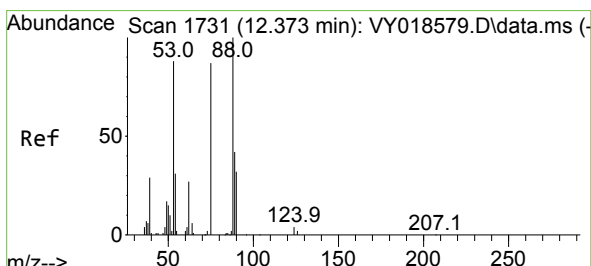
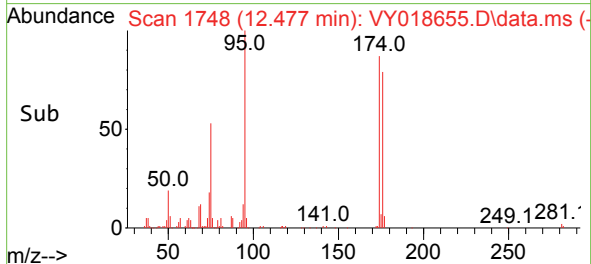
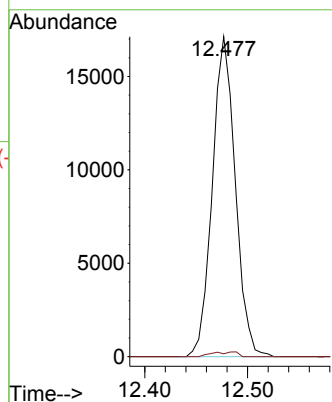
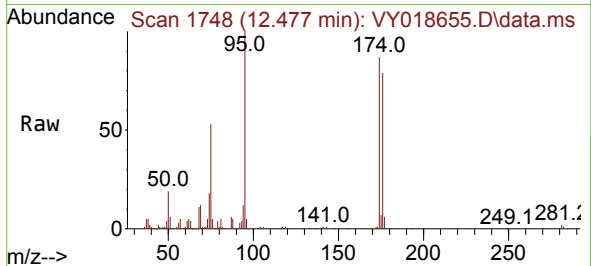




#76
1,2,3-Trichloropropane
Concen: 62.622 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 26556
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 164.030 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY018655.D
Acq: 20 Jun 2024 14:40

Tgt Ion: 75 Resp: 26556
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

