

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062424\
 Data File : VY018676.D
 Acq On : 24 Jun 2024 15:40
 Operator : SY/MD
 Sample : P3021-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 25 01:09:59 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)

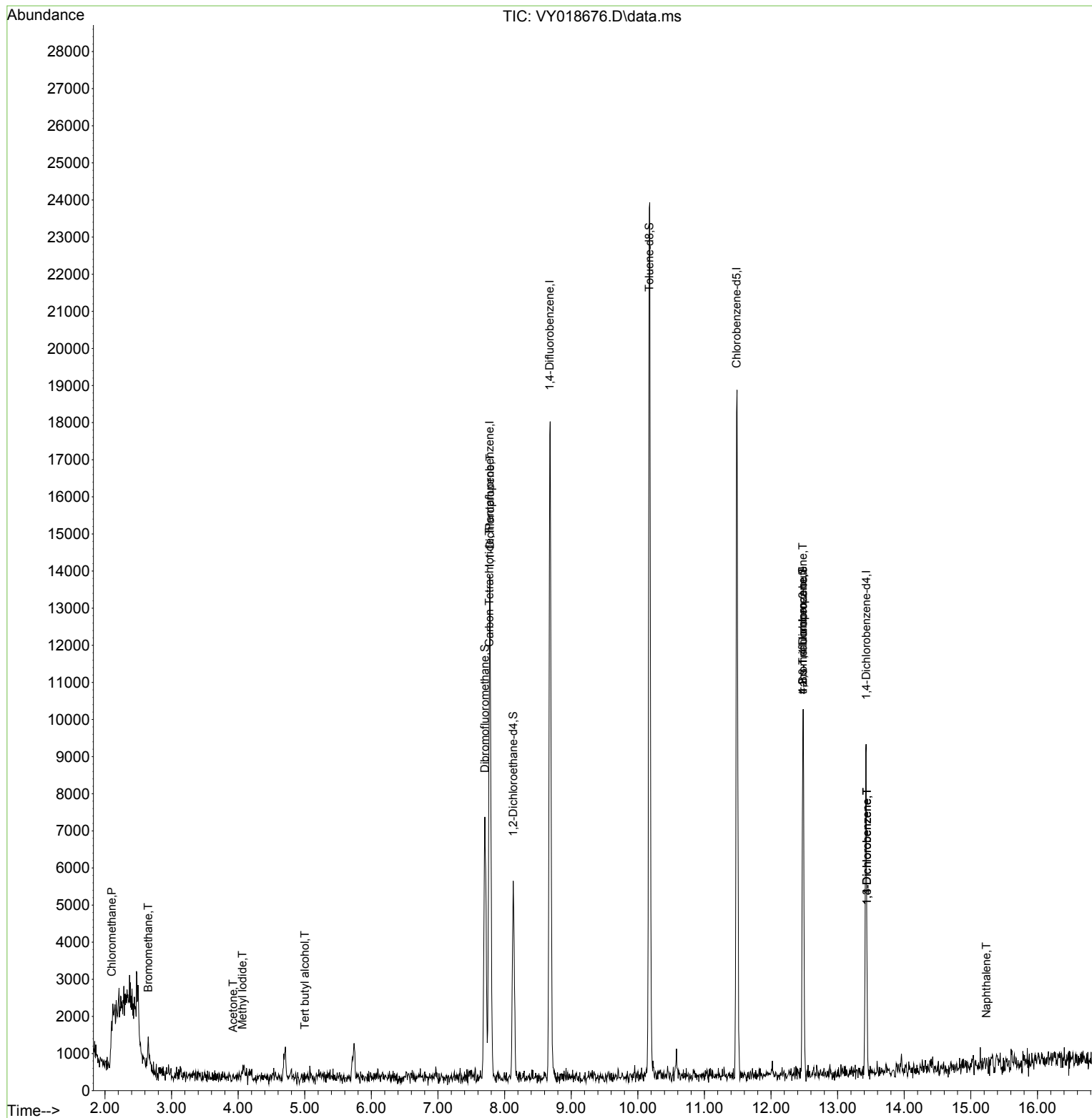
Internal Standards						
1) Pentafluorobenzene	7.776	168	11278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	16886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	10819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	4196	36.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.900%
35) Dibromofluoromethane	7.703	113	5196	50.443	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.880%
50) Toluene-d8	10.172	98	17031	42.993	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.980%
62) 4-Bromofluorobenzene	12.477	95	3254	26.014	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	52.020%
Target Compounds						Qvalue
3) Chloromethane	2.101	50	294	1.922	ug/l #	43
5) Bromomethane	2.649	94	526	3.735	ug/l	84
10) Methyl Iodide	4.064	142	131	1.696	ug/l #	62
11) Tert butyl alcohol	5.003	59	55	2.693	ug/l #	88
16) Acetone	3.923	43	94	4.069	ug/l #	36
20) Methylene Chloride	4.686	84	340	Below Cal	#	63
36) 1,1-Dichloropropene	7.783	75	457	3.223	ug/l #	40
38) Carbon Tetrachloride	7.770	117	1169	7.859	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	1883	87.850	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1883	230.112	ug/l #	16
87) 1,3-Dichlorobenzene	13.440	146	93	1.195	ug/l #	64
88) 1,4-Dichlorobenzene	13.440	146	93	1.218	ug/l #	66
95) Naphthalene	15.232	128	124	1.791	ug/l #	69

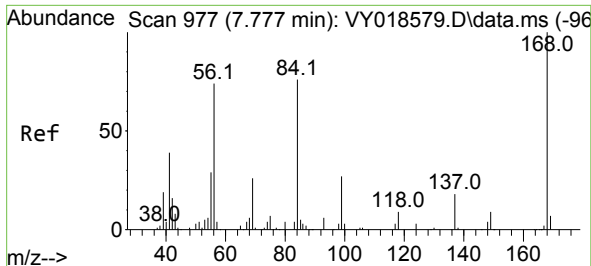
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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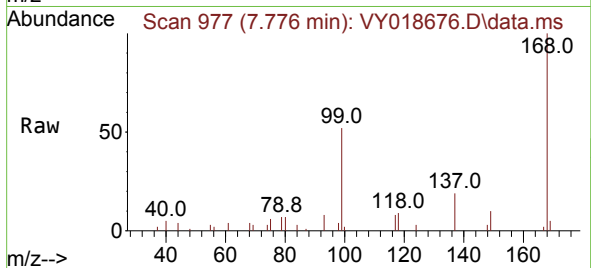
Quant Time: Jun 25 01:09:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
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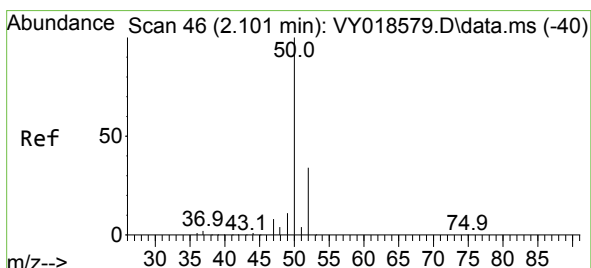
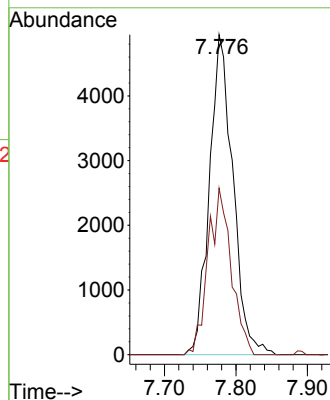
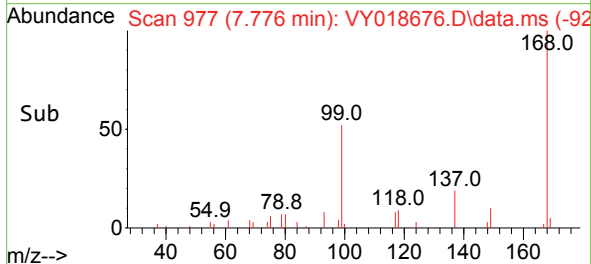


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

Instrument :
MSVOA_Y
ClientSampleId :

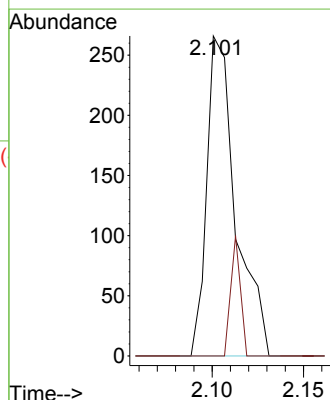
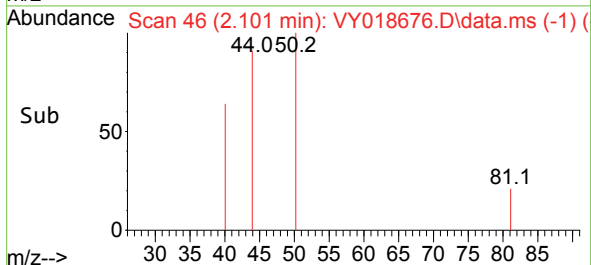
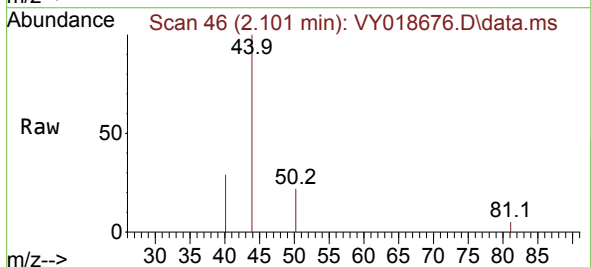


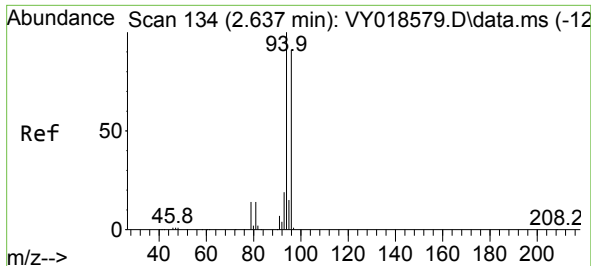
Tgt Ion:168 Resp: 11278
Ion Ratio Lower Upper
168 100
99 52.0 39.1 58.7



#3
Chloromethane
Concen: 1.922 ug/l
RT: 2.101 min Scan# 46
Delta R.T. -0.000 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

Tgt Ion: 50 Resp: 294
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

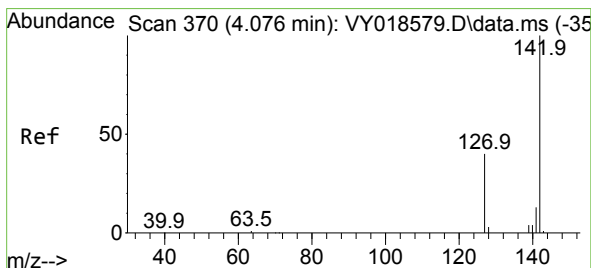
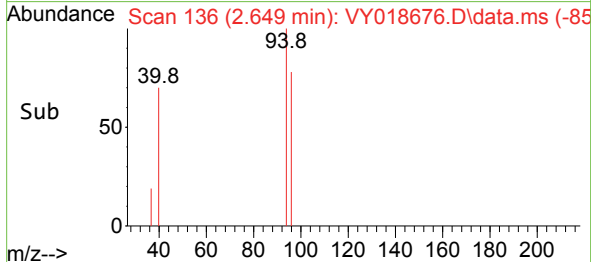
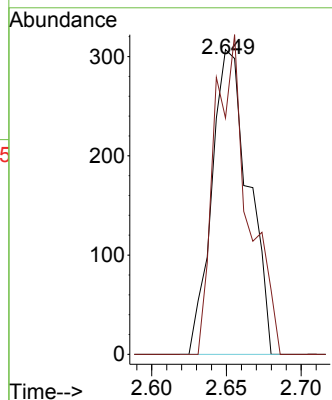
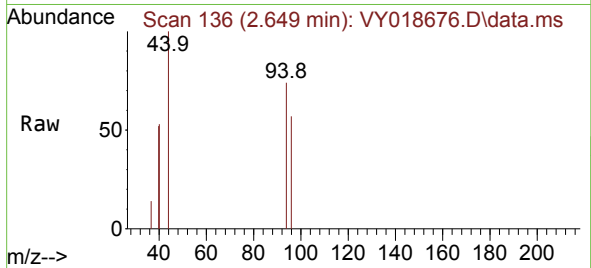




#5
Bromomethane
Concen: 3.735 ug/l
RT: 2.649 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

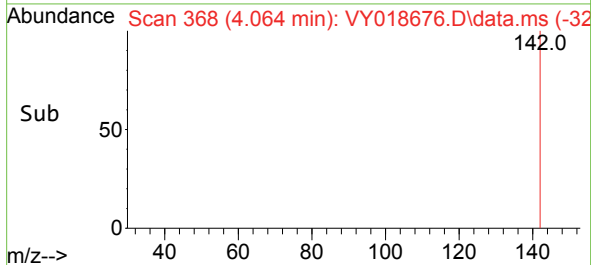
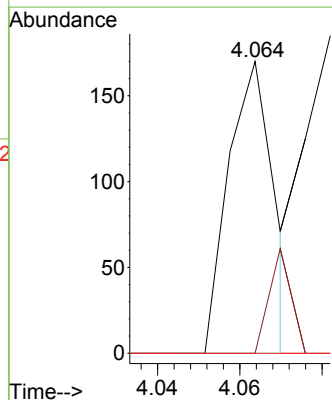
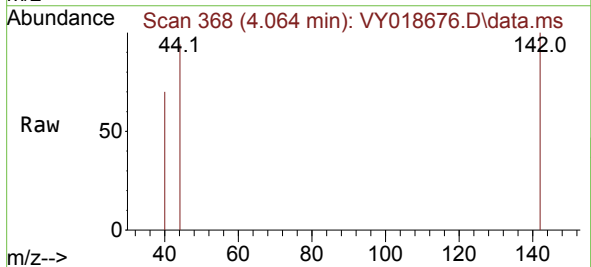
Instrument :
MSVOA_Y
ClientSampleId :

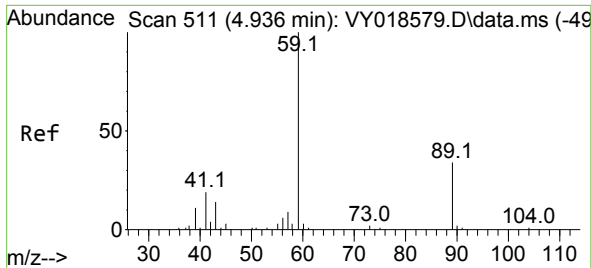
Tgt Ion: 94 Resp: 526
Ion Ratio Lower Upper
94 100
96 77.5 74.1 111.1



#10
Methyl Iodide
Concen: 1.696 ug/l
RT: 4.064 min Scan# 368
Delta R.T. -0.012 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

Tgt Ion:142 Resp: 131
Ion Ratio Lower Upper
142 100
127 16.8 32.8 49.2#
141 0.0 11.4 17.2#

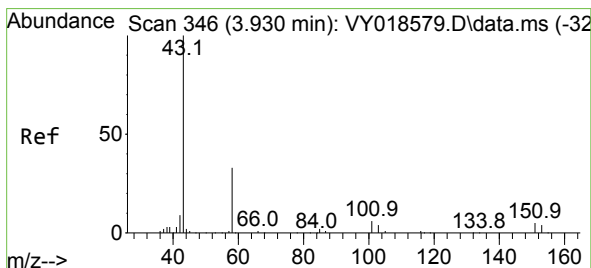
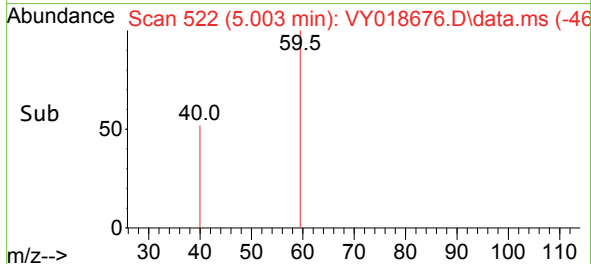
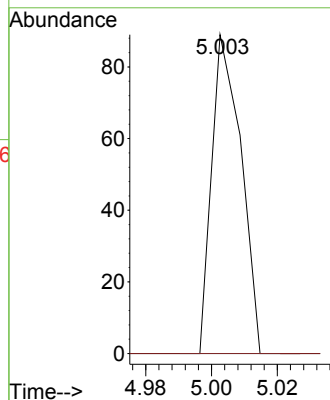
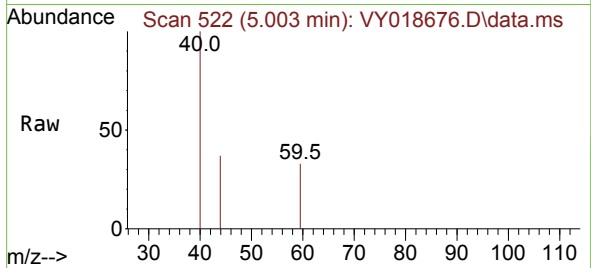




#11
Tert butyl alcohol
Concen: 2.693 ug/l
RT: 5.003 min Scan# 51
Delta R.T. 0.067 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

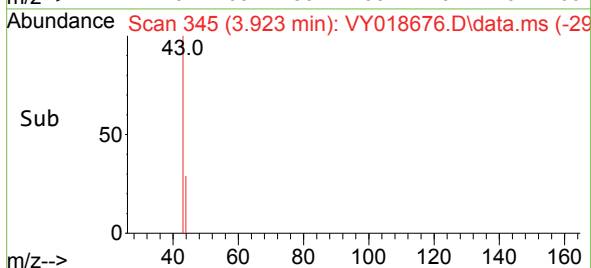
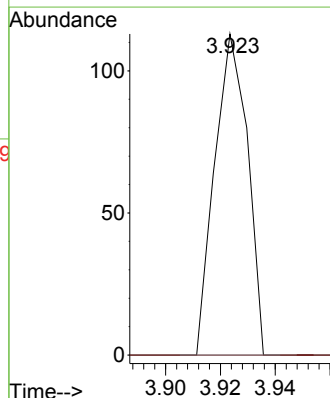
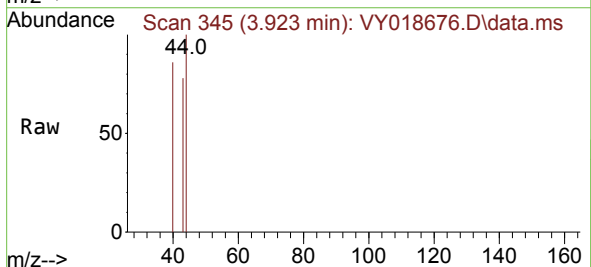
Instrument :
MSVOA_Y
ClientSampleId :

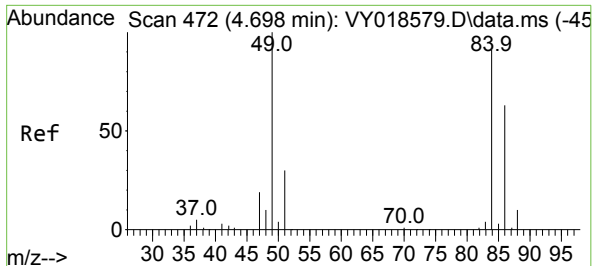
Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 4.069 ug/l
RT: 3.923 min Scan# 345
Delta R.T. -0.006 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

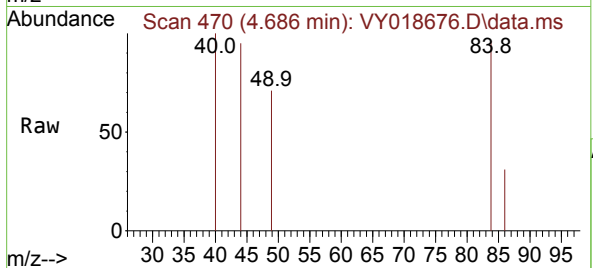
Tgt Ion: 43 Resp: 94
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



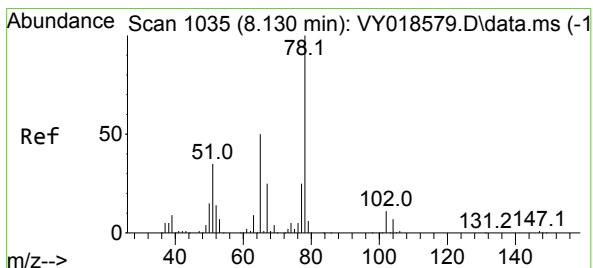
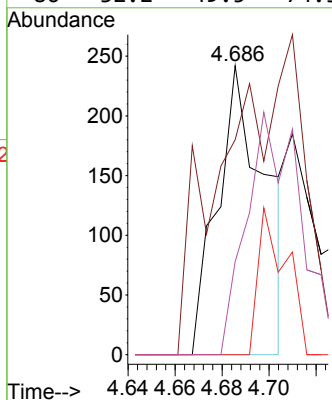
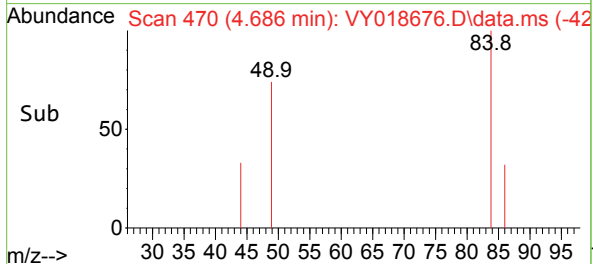


#20
Methylene Chloride
Concen: Below Cal
RT: 4.686 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

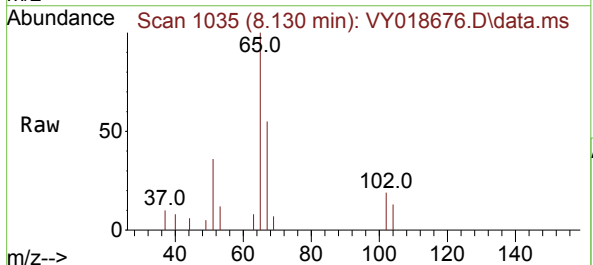
Instrument :
MSVOA_Y
ClientSampleId :



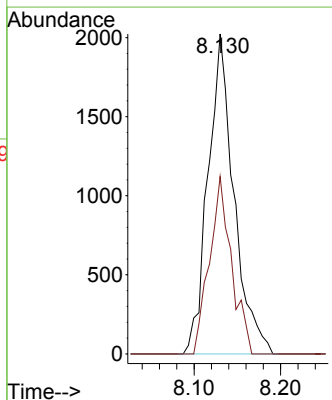
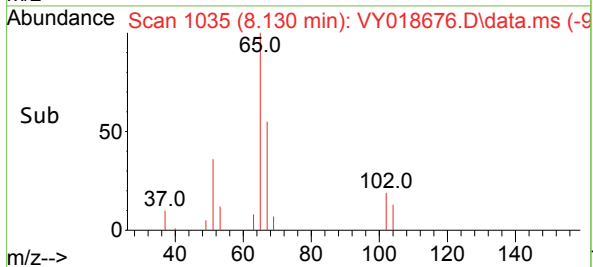
Tgt Ion: 84 Resp: 340
Ion Ratio Lower Upper
84 100
49 74.4 84.4 126.6#
51 0.0 26.0 39.0#
86 32.2 49.5 74.3#

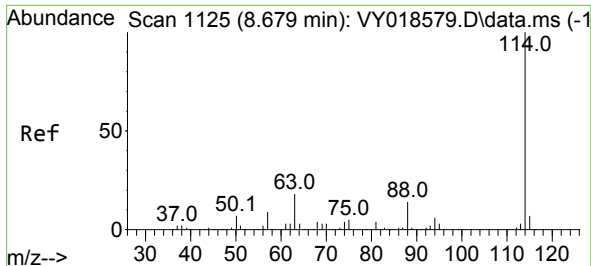


#33
1,2-Dichloroethane-d4
Concen: 36.954 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40



Tgt Ion: 65 Resp: 4196
Ion Ratio Lower Upper
65 100
67 47.1 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: VY018676.D

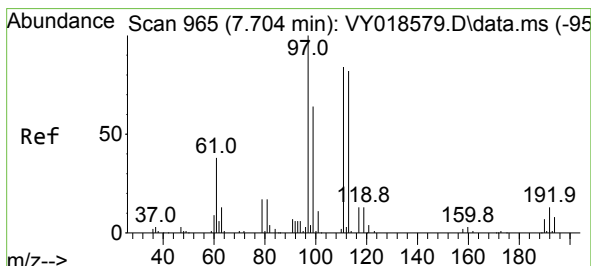
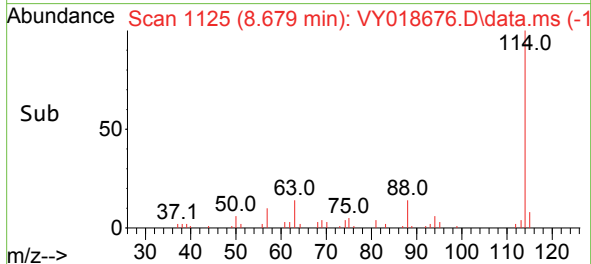
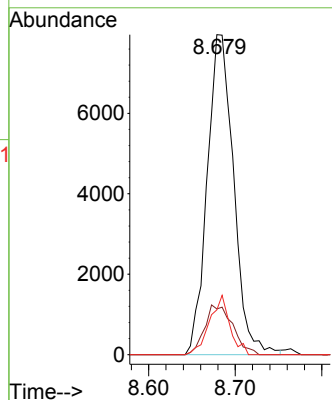
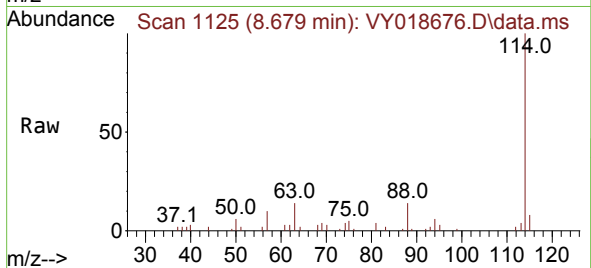
Acq: 24 Jun 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	16886
Ion Ratio	Lower	Upper
114	100	
63	14.3	0.0 35.0
88	14.0	0.0 27.2



#35

Dibromofluoromethane

Concen: 50.443 ug/l

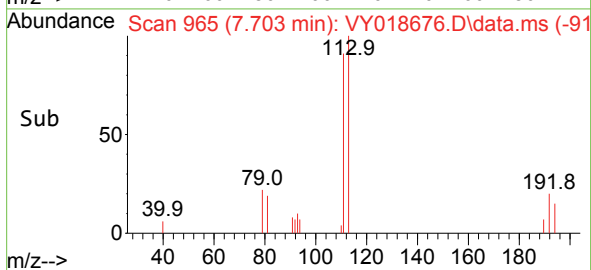
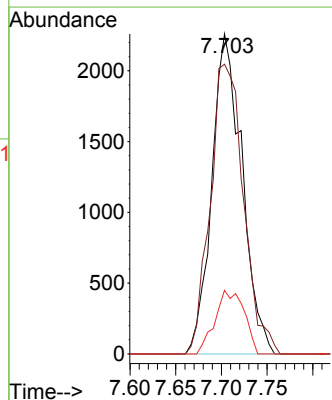
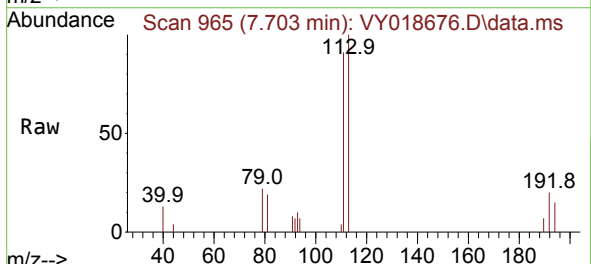
RT: 7.703 min Scan# 965

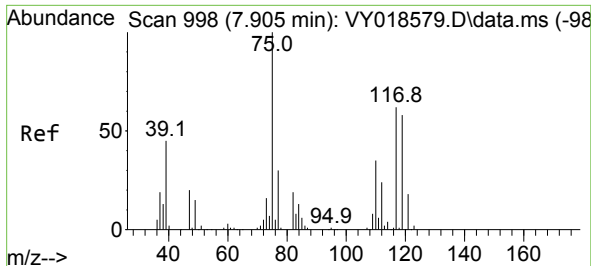
Delta R.T. -0.000 min

Lab File: VY018676.D

Acq: 24 Jun 2024 15:40

Tgt Ion:113	Resp:	5196
Ion Ratio	Lower	Upper
113	100	
111	99.7	82.2 123.4
192	19.1	15.9 23.9

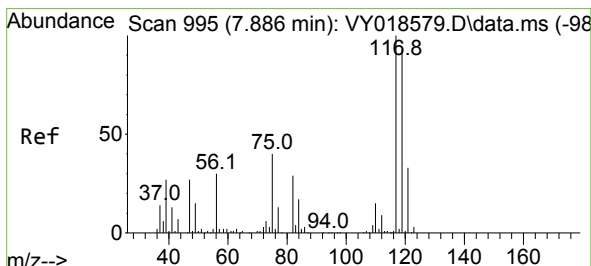
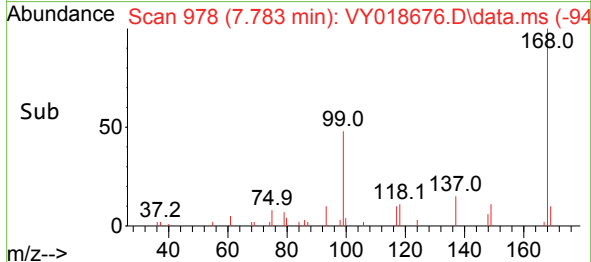
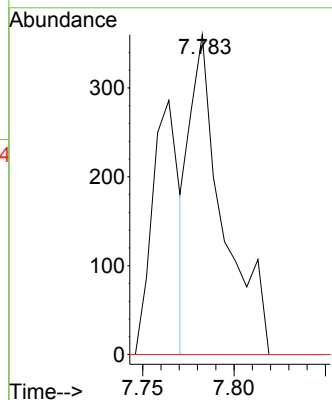
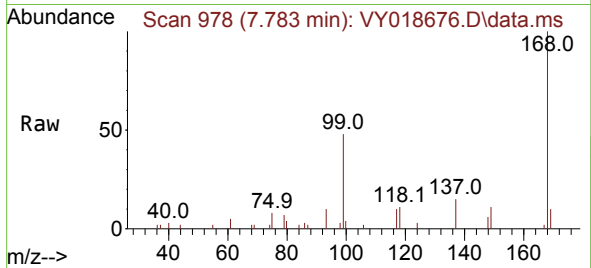




#36
1,1-Dichloropropene
Concen: 3.223 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

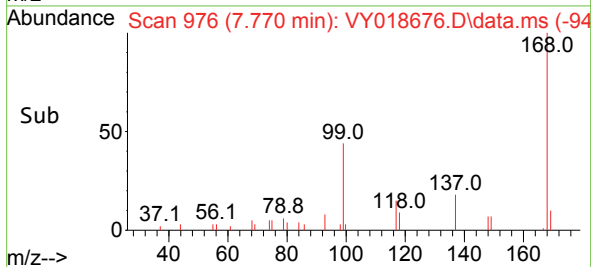
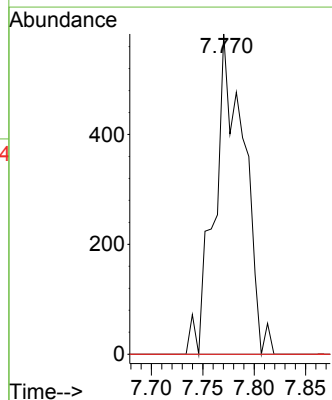
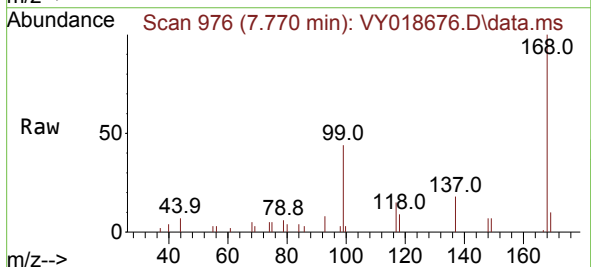
Instrument :
MSVOA_Y
ClientSampleId :

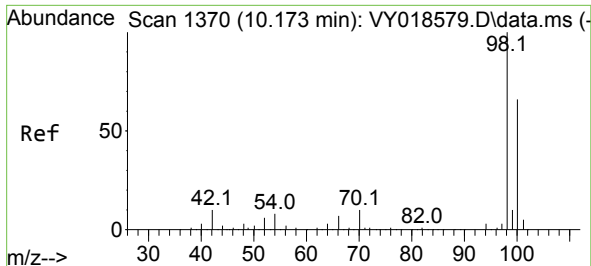
Tgt Ion: 75 Resp: 457
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.859 ug/l
RT: 7.770 min Scan# 976
Delta R.T. -0.116 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

Tgt Ion: 117 Resp: 1169
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 42.993 ug/l

RT: 10.172 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018676.D

Acq: 24 Jun 2024 15:40

Instrument :

MSVOA_Y

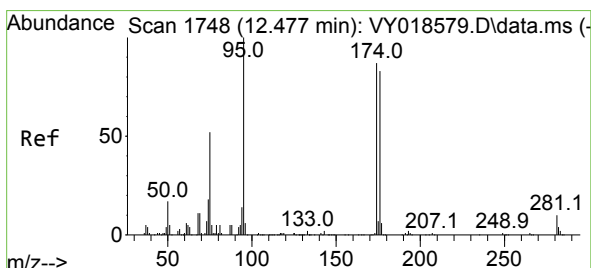
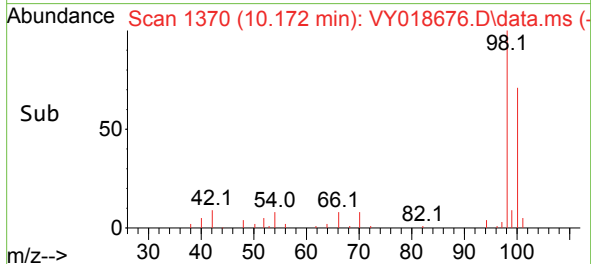
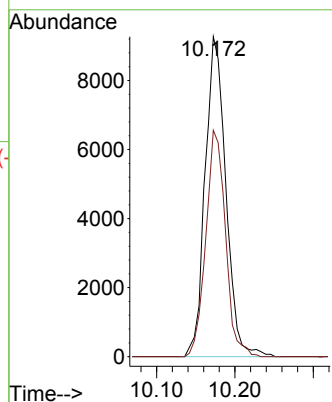
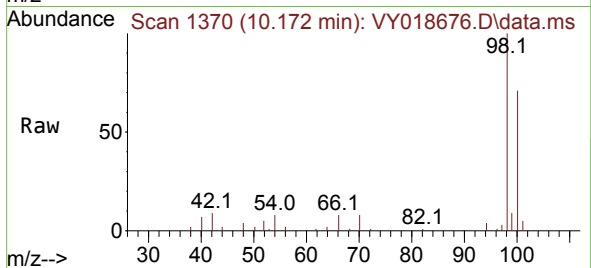
ClientSampleId :

Tgt Ion: 98 Resp: 17031

Ion Ratio Lower Upper

98 100

100 67.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 26.014 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018676.D

Acq: 24 Jun 2024 15:40

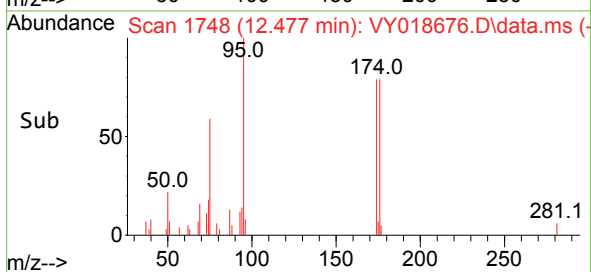
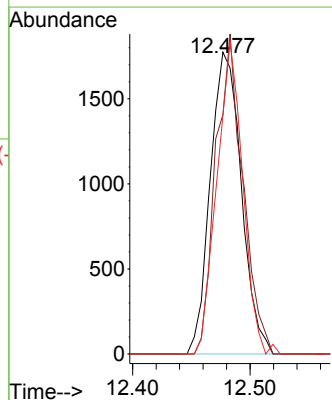
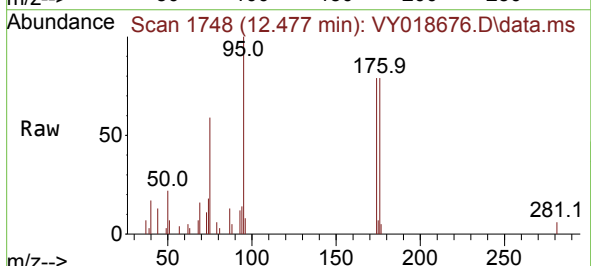
Tgt Ion: 95 Resp: 3254

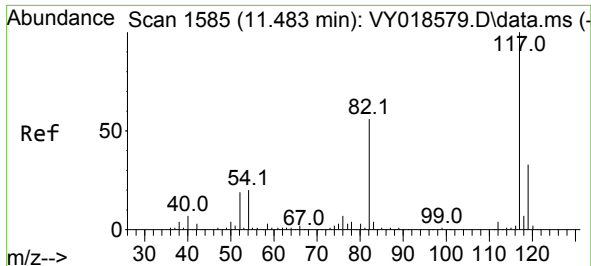
Ion Ratio Lower Upper

95 100

174 92.3 0.0 175.6

176 86.4 0.0 171.4

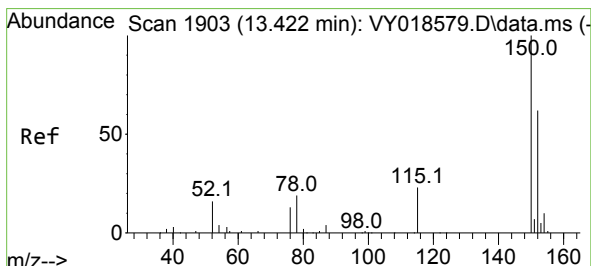
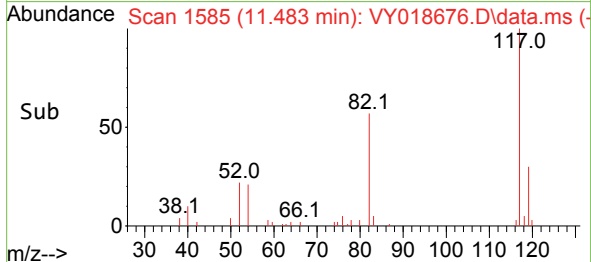
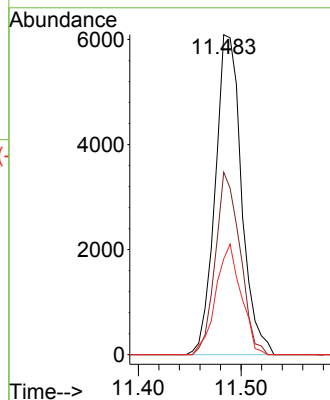
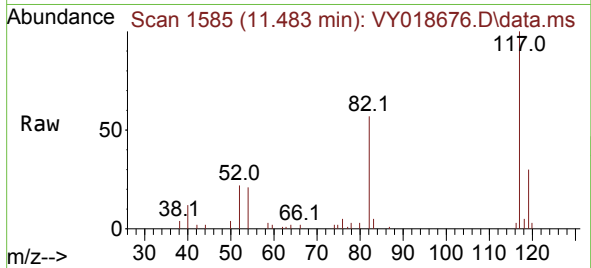




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

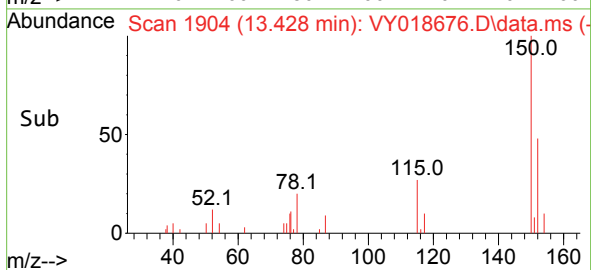
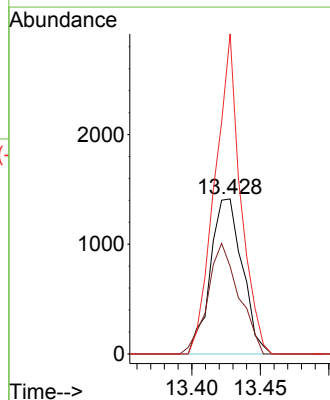
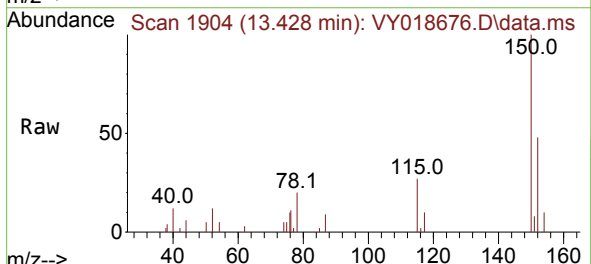
Instrument :
MSVOA_Y
ClientSampleId :

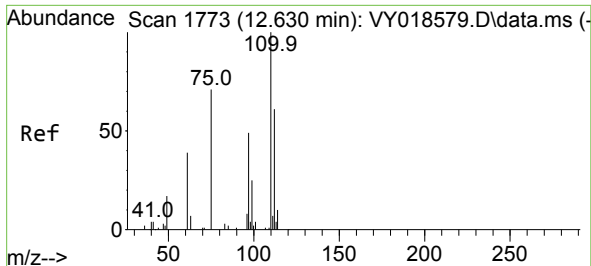
Tgt Ion:117 Resp: 10819
Ion Ratio Lower Upper
117 100
82 57.0 42.4 63.6
119 29.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

Tgt Ion:152 Resp: 2285
Ion Ratio Lower Upper
152 100
115 69.8 28.2 84.7
150 166.8 0.0 345.6

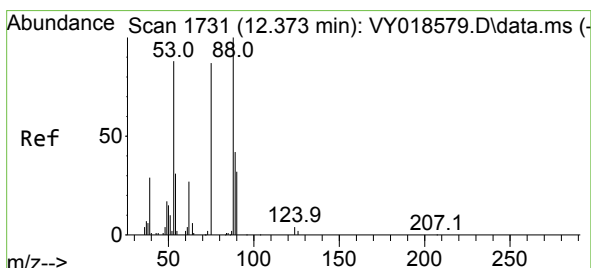
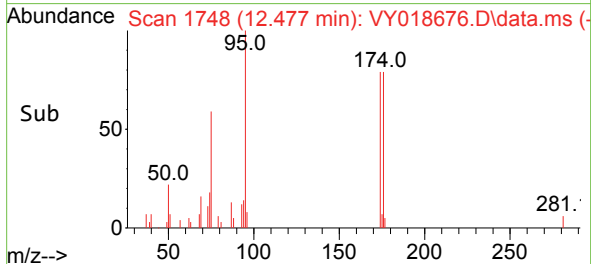
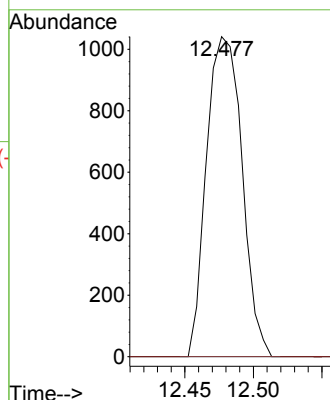
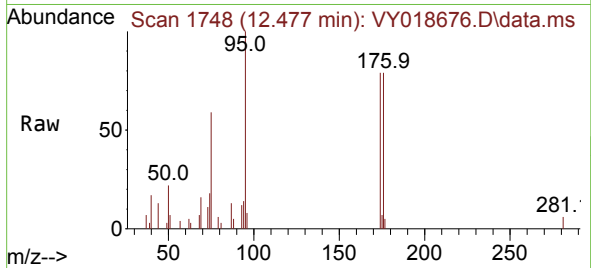




#76
1,2,3-Trichloropropane
Concen: 87.850 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

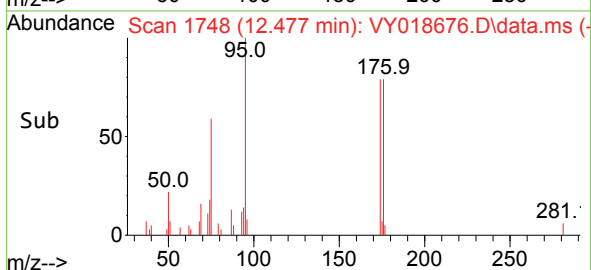
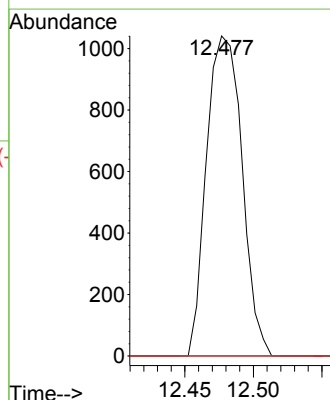
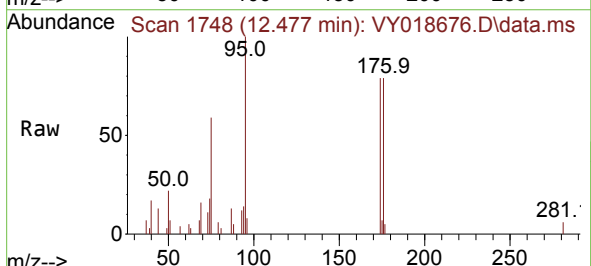
Instrument :
MSVOA_Y
ClientSampleId :

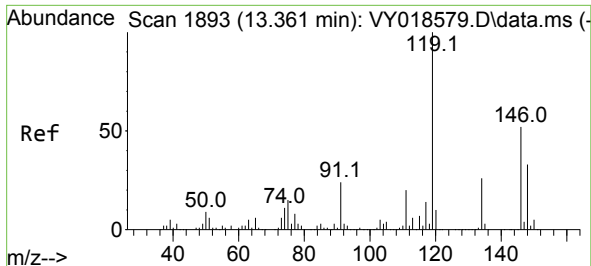
Tgt Ion: 75 Resp: 1883
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 230.112 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY018676.D
Acq: 24 Jun 2024 15:40

Tgt Ion: 75 Resp: 1883
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#87

1,3-Dichlorobenzene

Concen: 1.195 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.079 min

Lab File: VY018676.D

Acq: 24 Jun 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

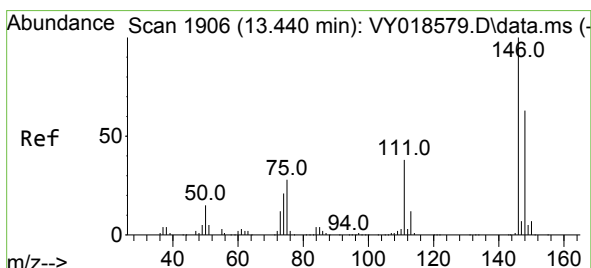
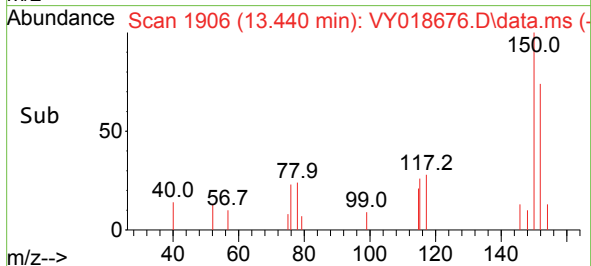
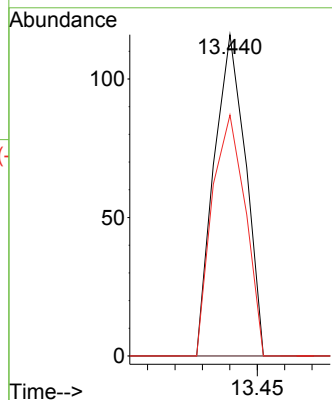
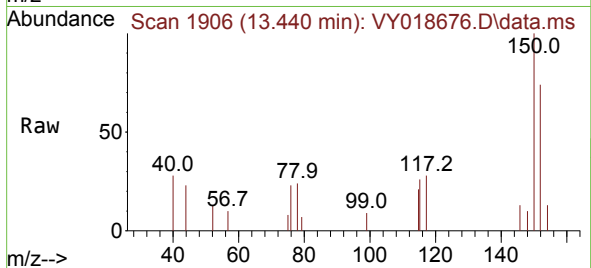
Tgt Ion:146 Resp: 93

Ion Ratio Lower Upper

146 100

111 0.0 19.0 57.0#

148 78.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 1.218 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VY018676.D

Acq: 24 Jun 2024 15:40

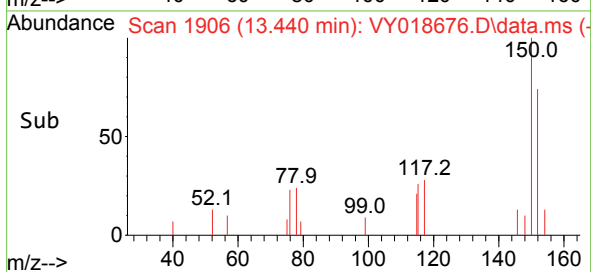
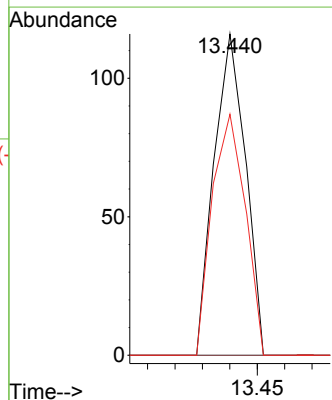
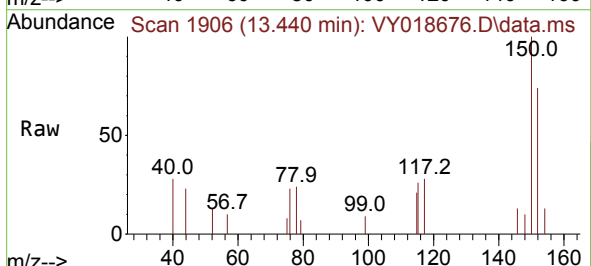
Tgt Ion:146 Resp: 93

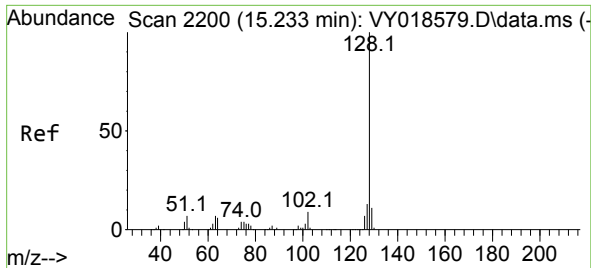
Ion Ratio Lower Upper

146 100

111 0.0 18.4 55.4#

148 78.5 32.4 97.2





#95

Naphthalene

Concen: 1.791 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.000 min

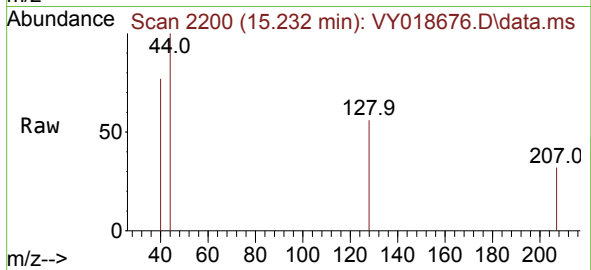
Lab File: VY018676.D

Acq: 24 Jun 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	124
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

