

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018410.D
 Acq On : 30 May 2024 13:29
 Operator : SY/MD
 Sample : P2610-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 31 01:01:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

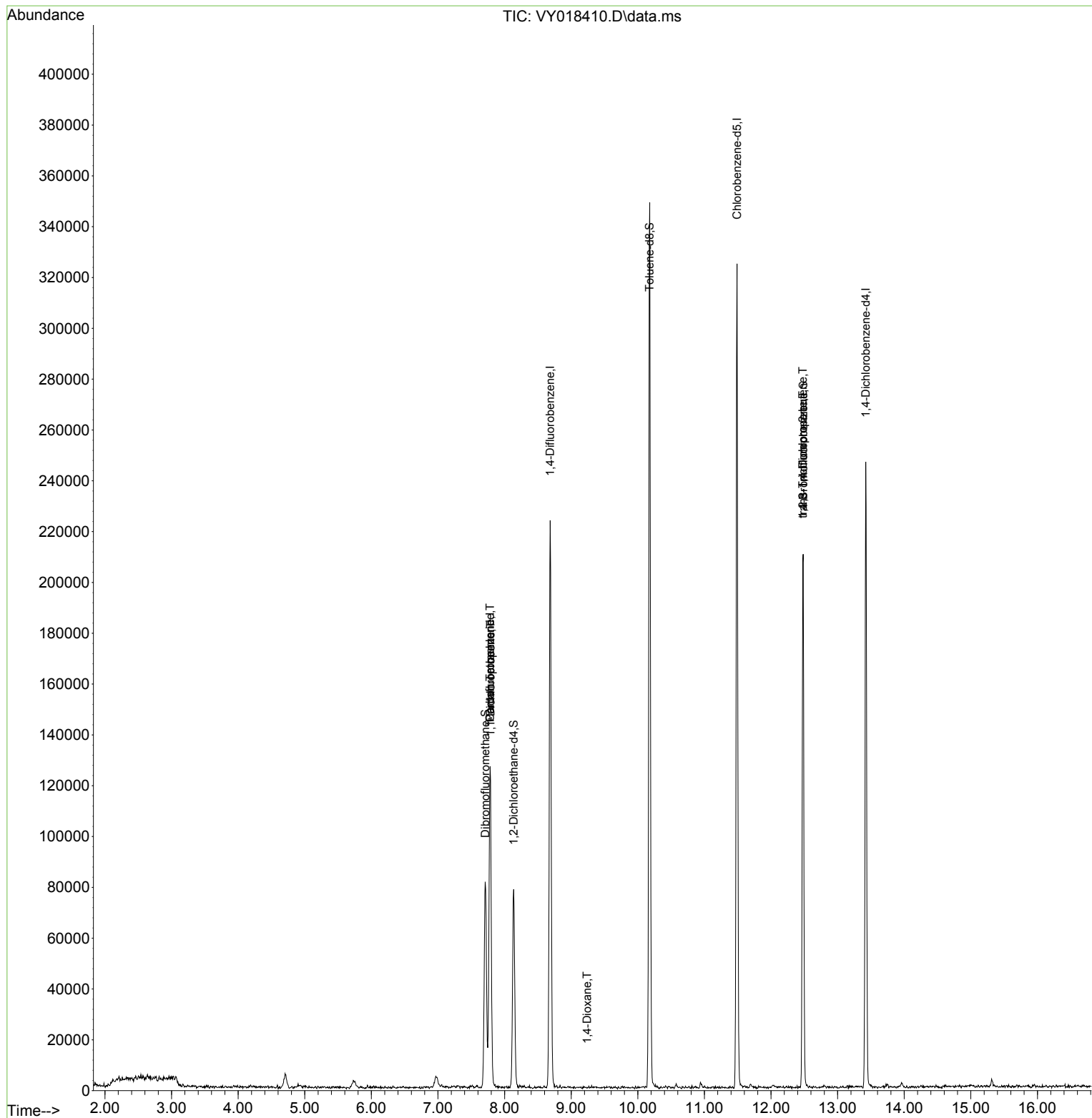
Internal Standards						
1) Pentafluorobenzene	7.783	168	93714	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	189816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	170100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57840	65.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.300%	
35) Dibromofluoromethane	7.710	113	59001	53.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.600%	
50) Toluene-d8	10.179	98	227561	52.729	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.460%	
62) 4-Bromofluorobenzene	12.483	95	67137	50.346	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.700%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	257	Below Cal	#	88
13) Acrolein	3.698	56	97	Below Cal	#	51
20) Methylene Chloride	4.704	84	3743	Below Cal		90
31) Cyclohexane	7.783	56	2485	Below Cal	#	11
36) 1,1-Dichloropropene	7.789	75	8391	5.227	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	10058	6.117	ug/l	# 17
49) 1,4-Dioxane	9.240	88	62	7.399	ug/l	# 20
76) 1,2,3-Trichloropropane	12.477	75	36249	66.895	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	36249	137.636	ug/l	# 16

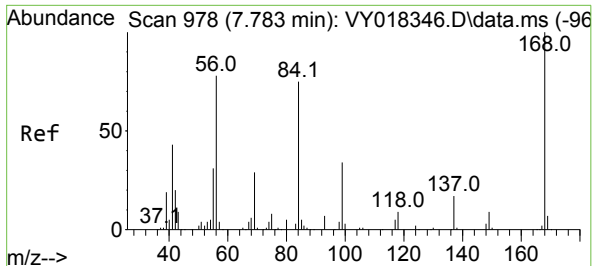
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
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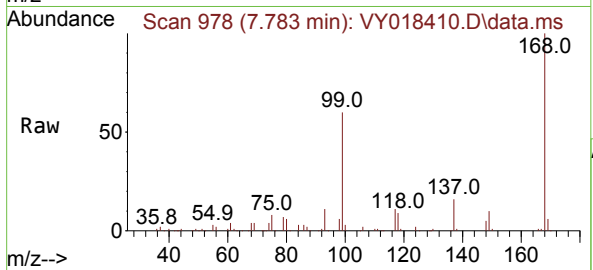
Quant Time: May 31 01:01:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration



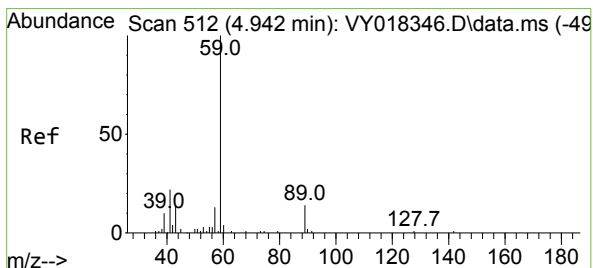
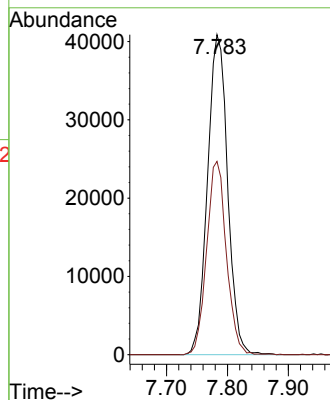
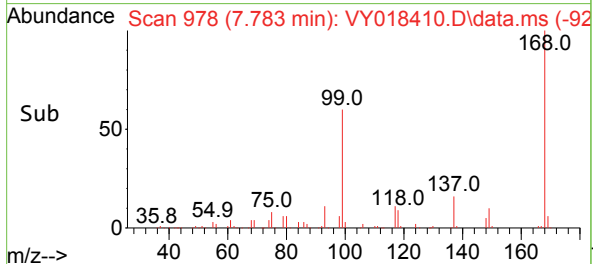


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018410.D
Acq: 30 May 2024 13:29

Instrument :
MSVOA_Y
ClientSampleId :

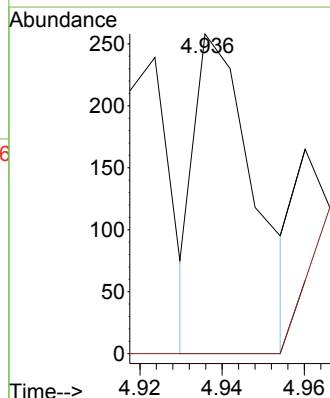
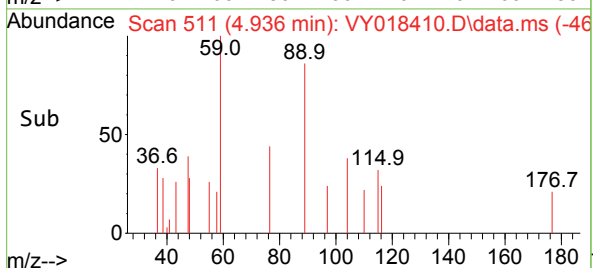
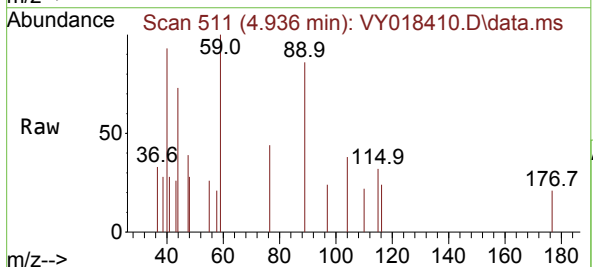


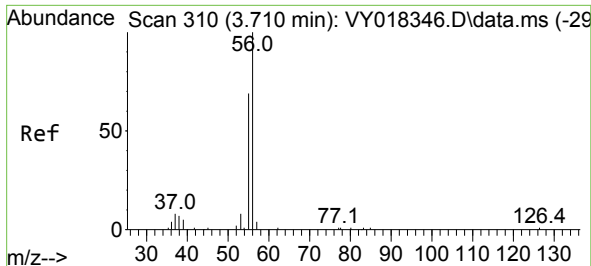
Tgt Ion:168 Resp: 93714
Ion Ratio Lower Upper
168 100
99 60.4 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018410.D
Acq: 30 May 2024 13:29

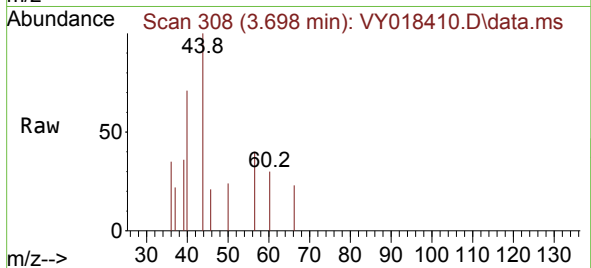
Tgt Ion: 59 Resp: 257
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



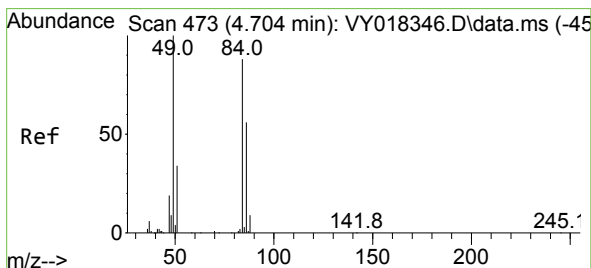
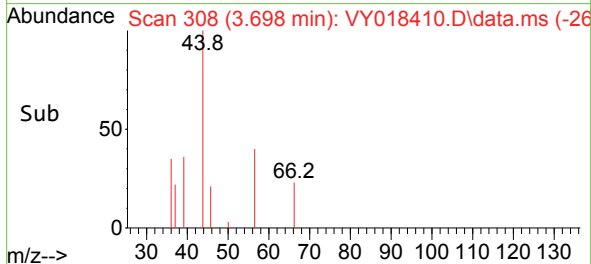
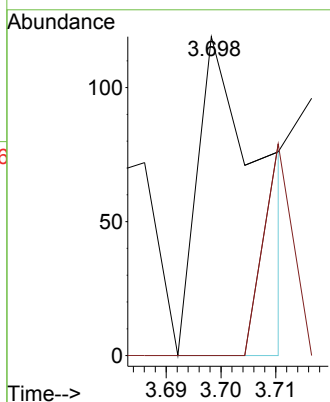


#13
Acrolein
Concen: Below Cal
RT: 3.698 min Scan# 30
Delta R.T. -0.012 min
Lab File: VY018410.D
Acq: 30 May 2024 13:29

Instrument :
MSVOA_Y
ClientSampleId :

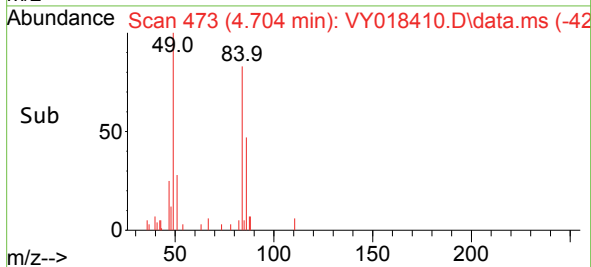
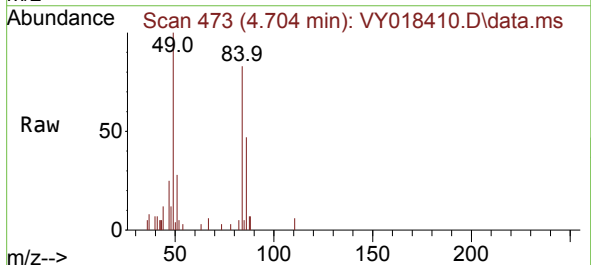
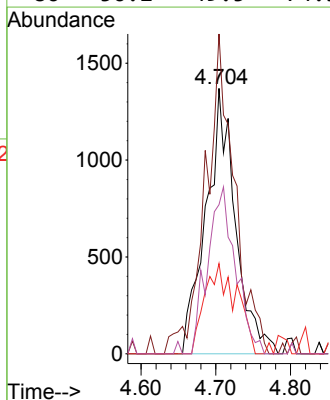


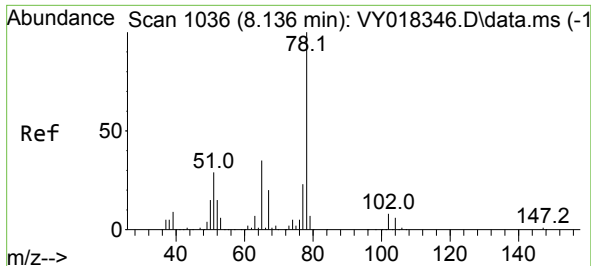
Tgt Ion: 56 Resp: 97
Ion Ratio Lower Upper
56 100
55 29.9 55.7 83.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018410.D
Acq: 30 May 2024 13:29

Tgt Ion: 84 Resp: 3743
Ion Ratio Lower Upper
84 100
49 120.5 84.4 126.6
51 34.0 26.0 39.0
86 56.2 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 65.145 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018410.D

Acq: 30 May 2024 13:29

Instrument :

MSVOA_Y

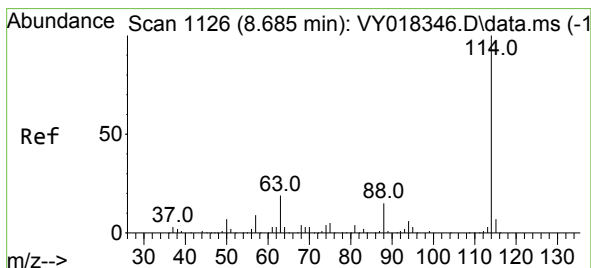
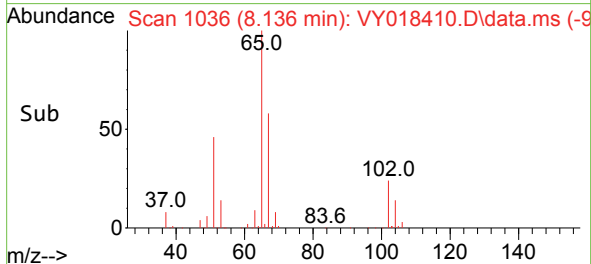
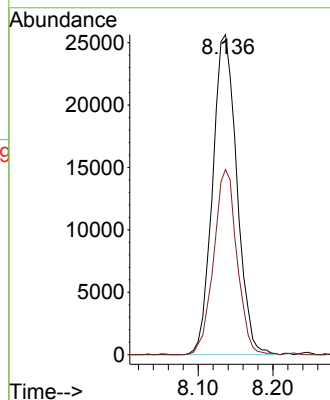
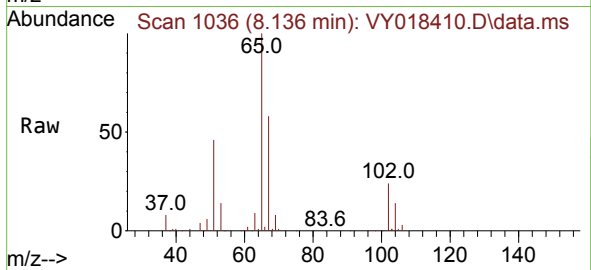
ClientSampleId :

Tgt Ion: 65 Resp: 57840

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018410.D

Acq: 30 May 2024 13:29

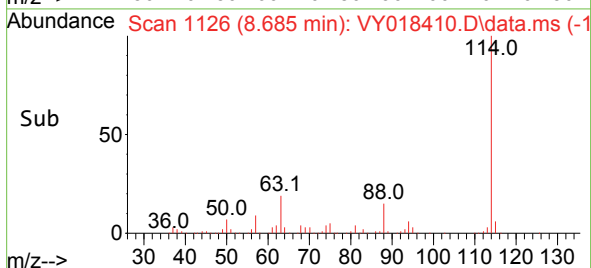
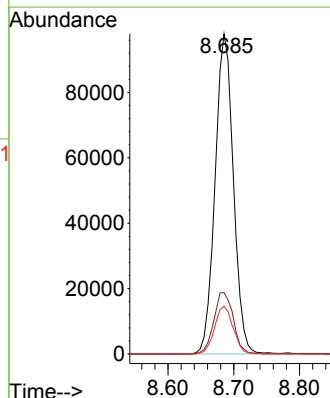
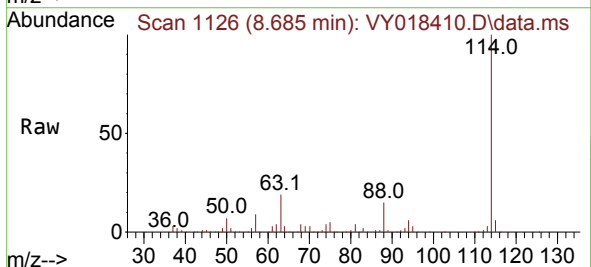
Tgt Ion: 114 Resp: 189816

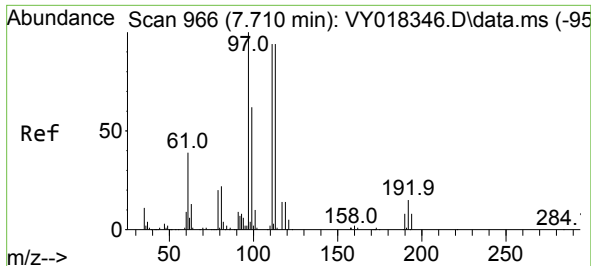
Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

88 15.0 0.0 27.2

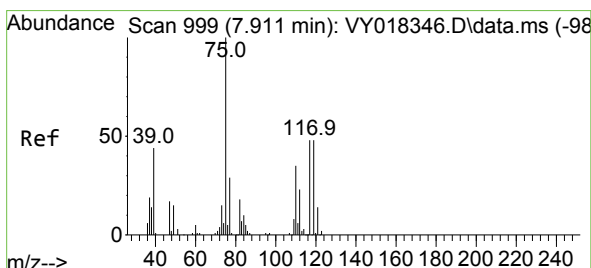
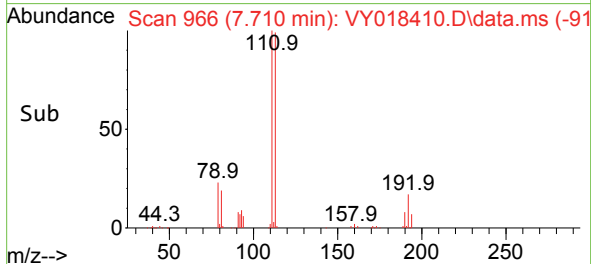
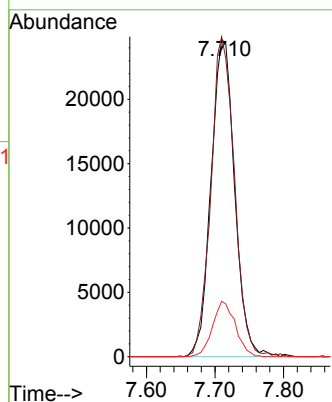
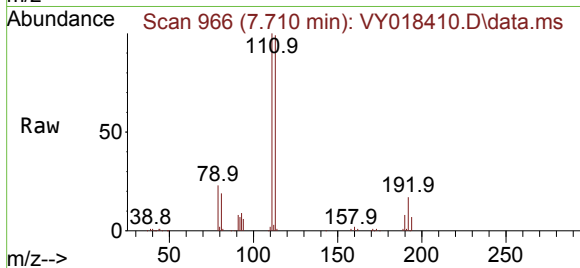




#35
Dibromofluoromethane
Concen: 53.302 ug/l
RT: 7.710 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY018410.D
Acq: 30 May 2024 13:29

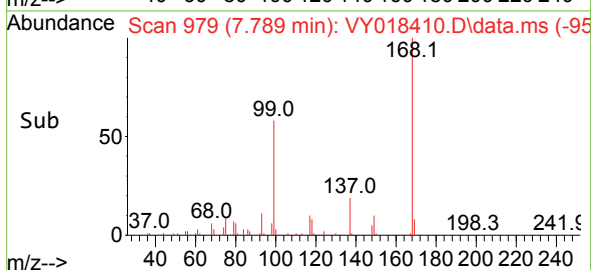
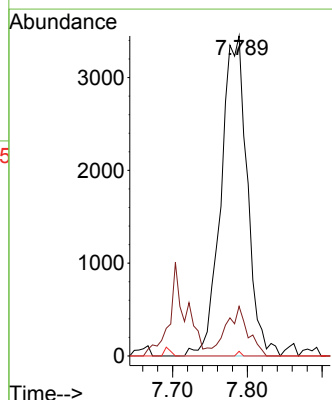
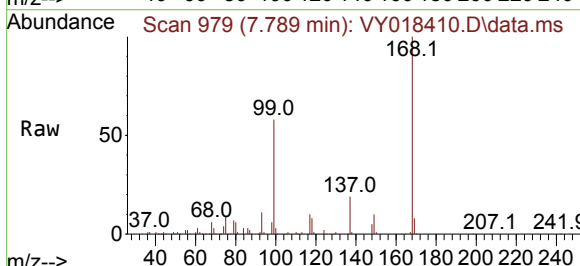
Instrument :
MSVOA_Y
ClientSampleId :

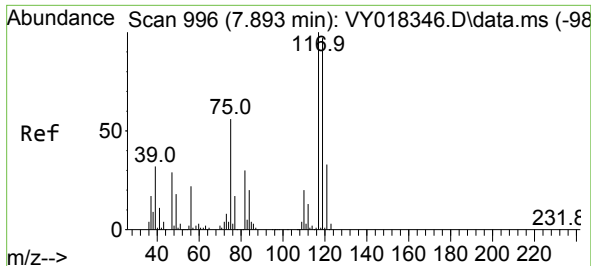
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.2	123.4
192	16.9	15.9	23.9



#36
1,1-Dichloropropene
Concen: 5.227 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY018410.D
Acq: 30 May 2024 13:29

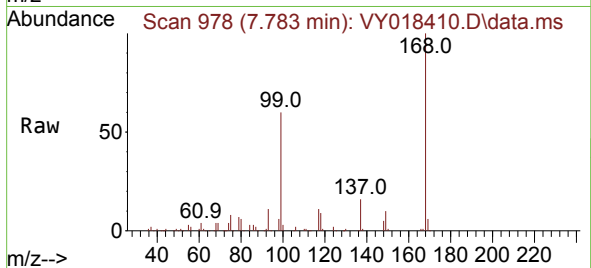
Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.8	19.0	57.0#
77	0.2	25.3	37.9#



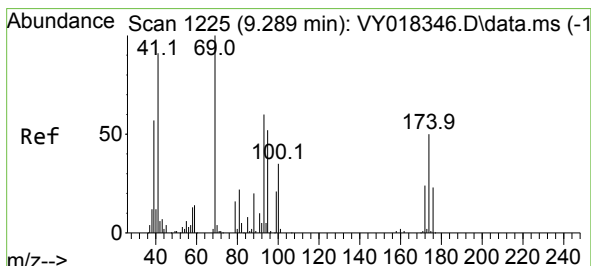
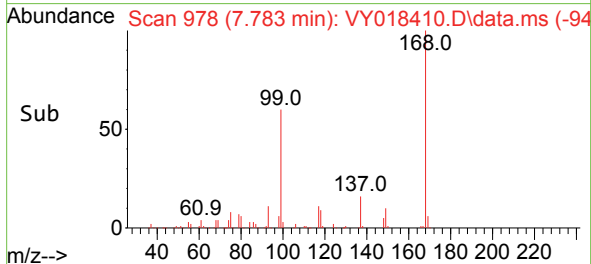
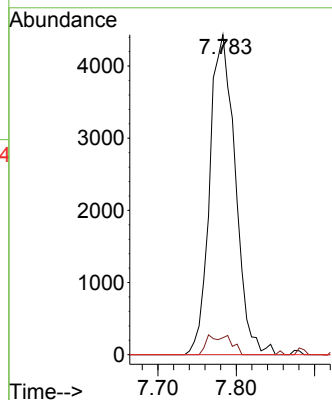


#38
Carbon Tetrachloride
Concen: 6.117 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018410.D
Acq: 30 May 2024 13:29

Instrument :
MSVOA_Y
ClientSampleId :

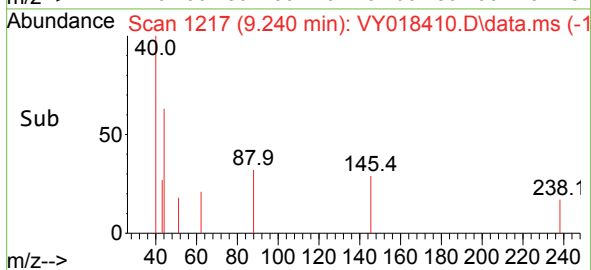
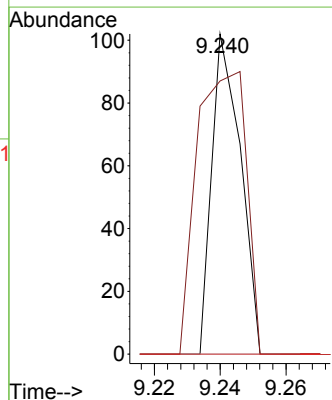
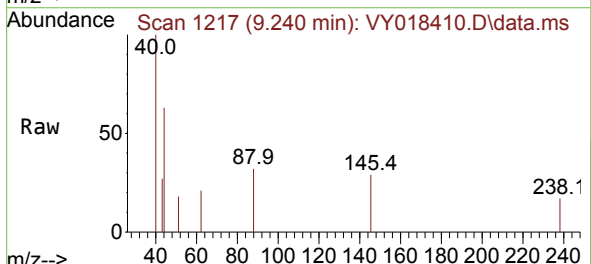


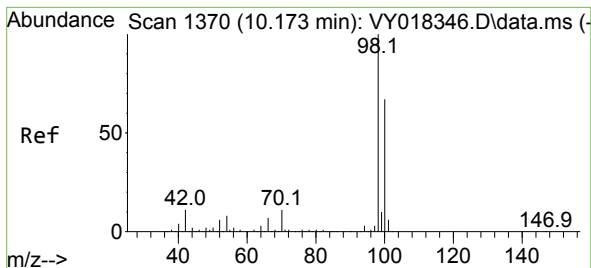
Tgt Ion:117 Resp: 10058
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 7.399 ug/l
RT: 9.240 min Scan# 1217
Delta R.T. -0.049 min
Lab File: VY018410.D
Acq: 30 May 2024 13:29

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 151.6 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 52.729 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018410.D

Acq: 30 May 2024 13:29

Instrument :

MSVOA_Y

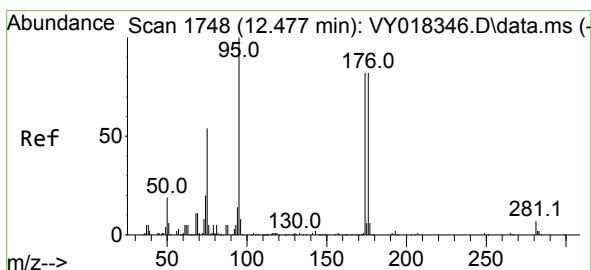
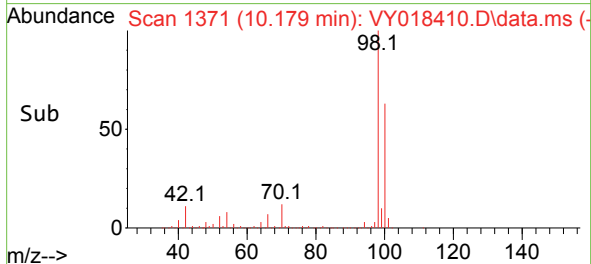
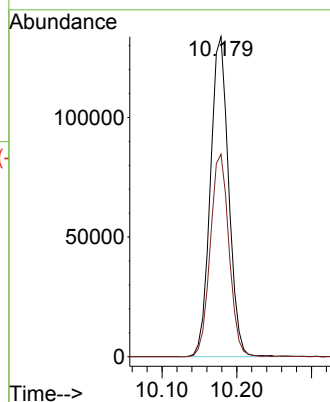
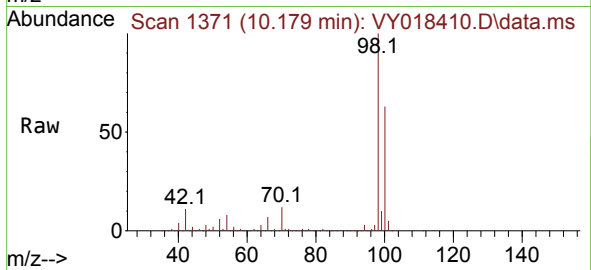
ClientSampleId :

Tgt Ion: 98 Resp: 227561

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.346 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY018410.D

Acq: 30 May 2024 13:29

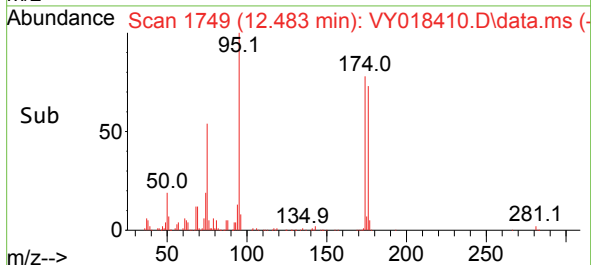
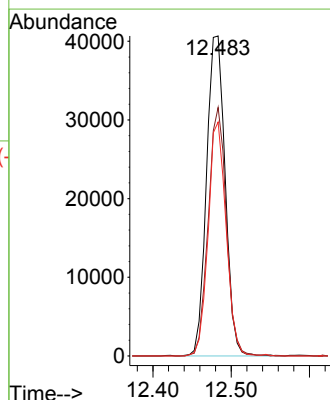
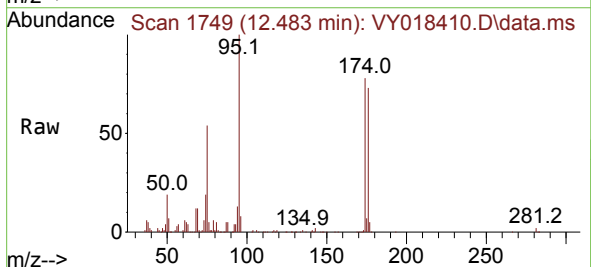
Tgt Ion: 95 Resp: 67137

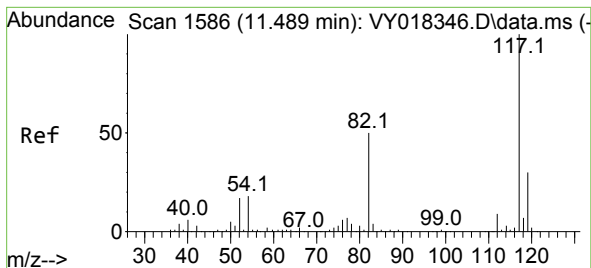
Ion Ratio Lower Upper

95 100

174 75.3 0.0 175.6

176 70.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018410.D

Acq: 30 May 2024 13:29

Instrument :

MSVOA_Y

ClientSampleId :

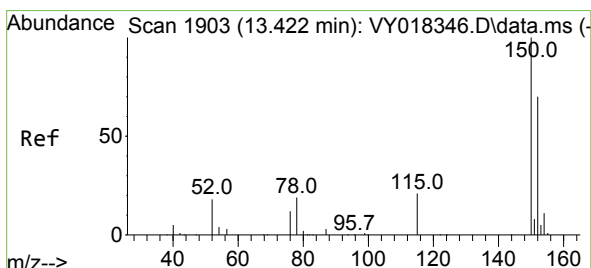
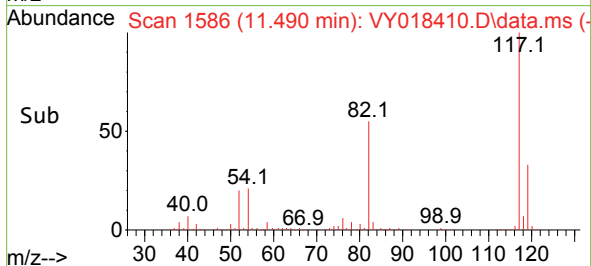
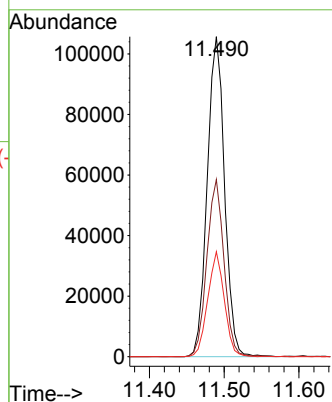
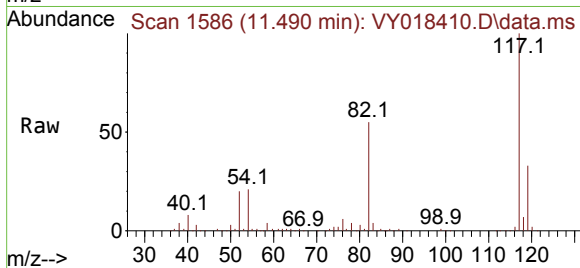
Tgt Ion:117 Resp: 170100

Ion Ratio Lower Upper

117 100

82 55.4 42.4 63.6

119 32.8 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: VY018410.D

Acq: 30 May 2024 13:29

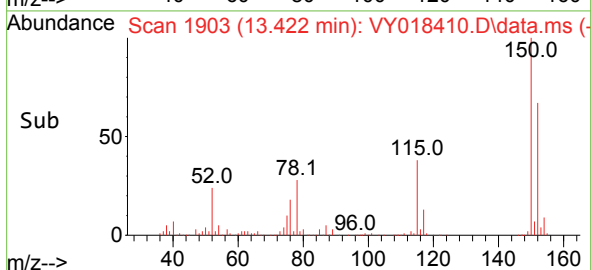
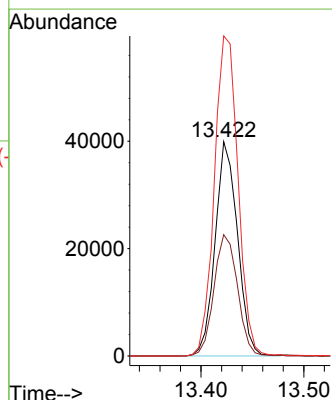
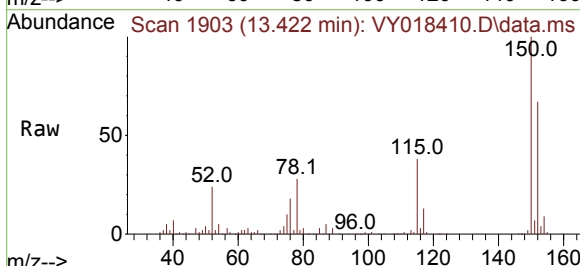
Tgt Ion:152 Resp: 60291

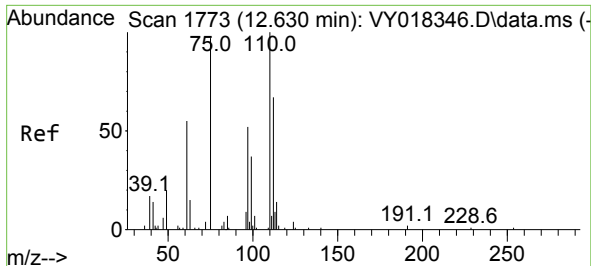
Ion Ratio Lower Upper

152 100

115 59.7 28.2 84.7

150 158.4 0.0 345.6

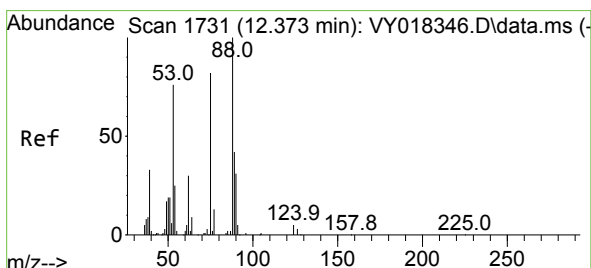
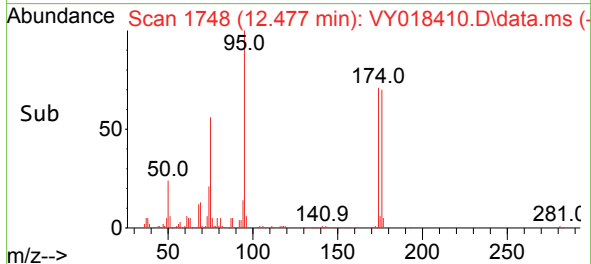
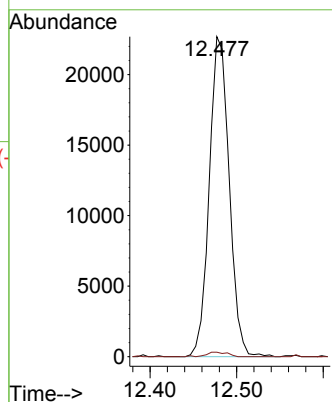
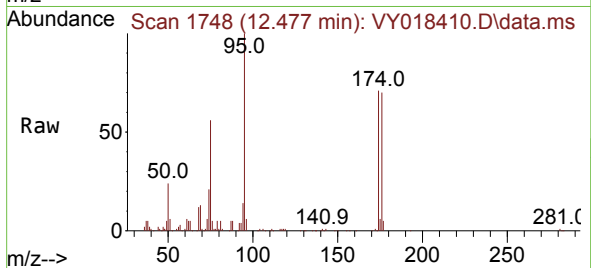




#76
1,2,3-Trichloropropane
Concen: 66.895 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018410.D
Acq: 30 May 2024 13:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36249
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.636 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018410.D
Acq: 30 May 2024 13:29

Tgt Ion: 75 Resp: 36249
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.1 35.8 53.6#

