

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014422.D
 Acq On : 26 Jun 2023 10:34
 Operator : KP/MD
 Sample : VY0626SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0626SBL01

Quant Time: Jun 27 01:43:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

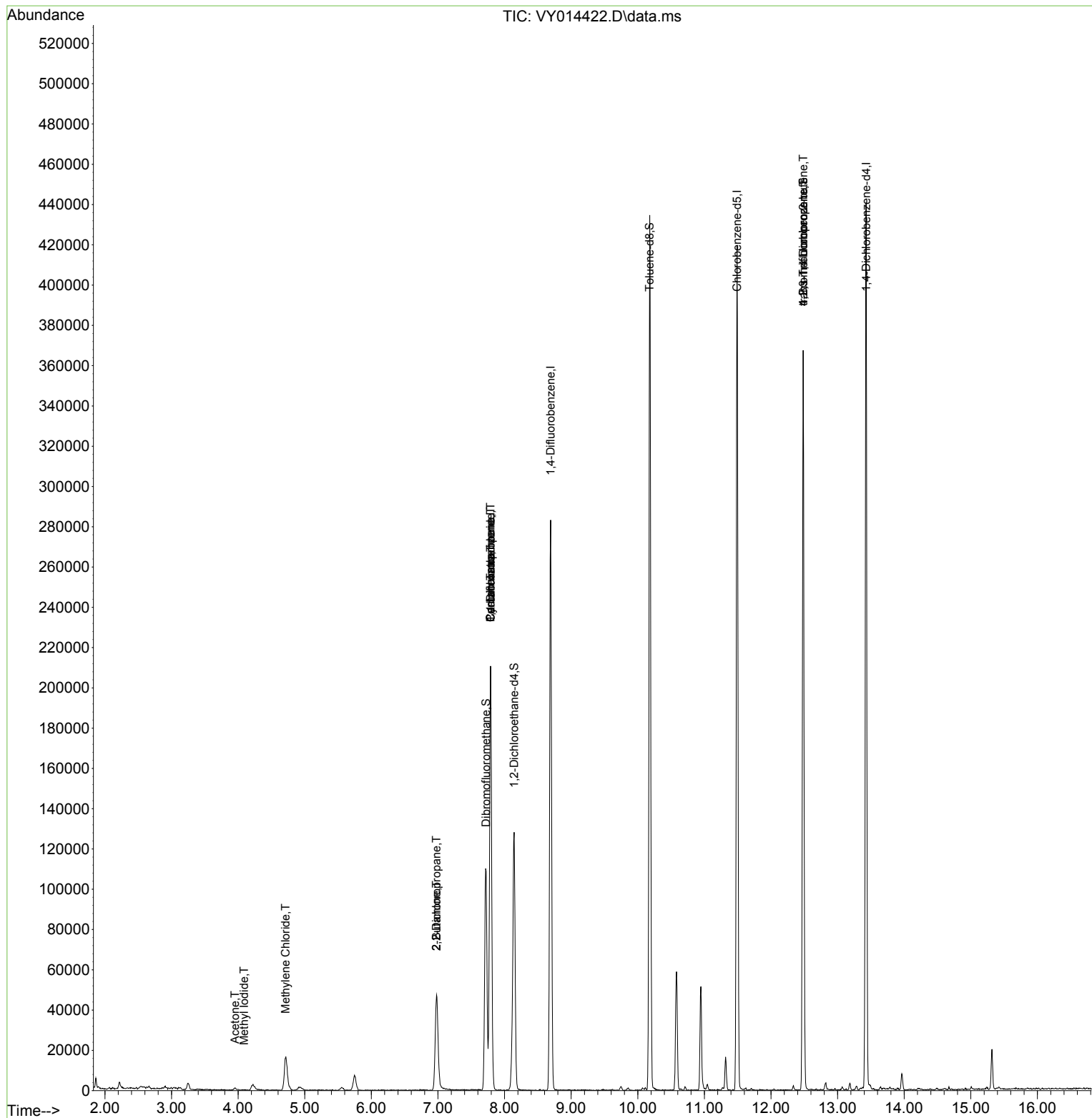
Internal Standards						
1) Pentafluorobenzene	7.789	168	159850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	238228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	227735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	107060	53.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.880%	
35) Dibromofluoromethane	7.722	113	74643	50.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.420%	
50) Toluene-d8	10.179	98	286253	48.926	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.860%	
62) 4-Bromofluorobenzene	12.483	95	93846	44.930	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.860%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.089	142	22	2.885	ug/l #	38
11) Tert butyl alcohol	4.924	59	982	Below Cal	#	89
16) Acetone	3.954	43	1709	2.737	ug/l #	69
20) Methylene Chloride	4.710	84	12924	1.810	ug/l #	80
25) 2-Butanone	6.978	43	2849	3.663	ug/l #	64
26) 2,2-Dichloropropane	6.978	77	3564	1.214	ug/l #	54
31) Cyclohexane	7.789	56	3388	1.382	ug/l #	41
36) 1,1-Dichloropropene	7.789	75	11076	4.883	ug/l #	52
38) Carbon Tetrachloride	7.789	117	16350	5.728	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	54490	38.023	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54490	86.565	ug/l #	11

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
Data File : VY014422.D
Acq On : 26 Jun 2023 10:34
Operator : KP/MD
Sample : VY0626SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBL01

Quant Time: Jun 27 01:43:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 17:18:46 2023
Response via : Initial Calibration

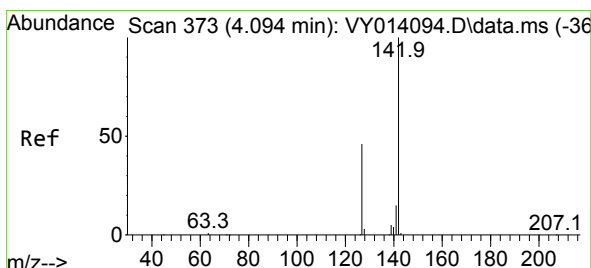
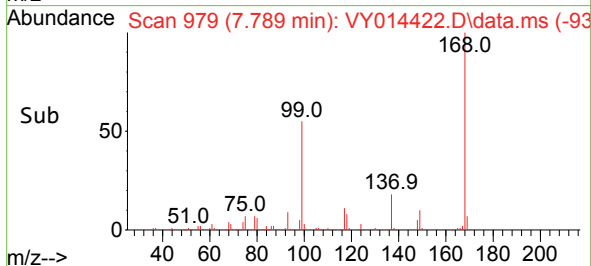
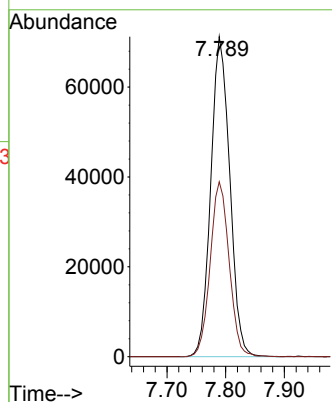
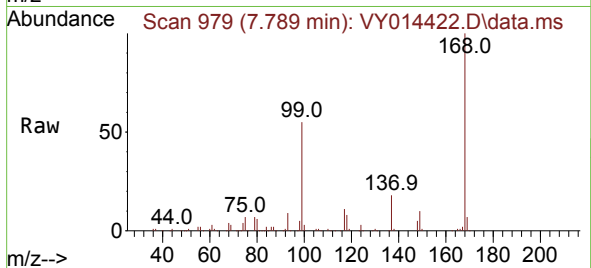




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014422.D
Acq: 26 Jun 2023 10:34

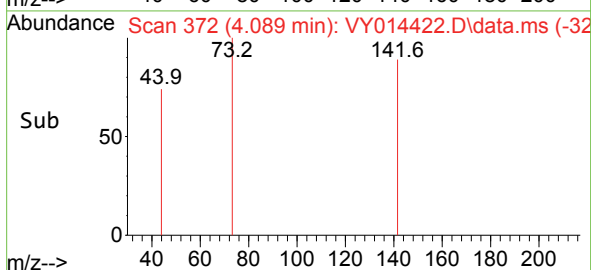
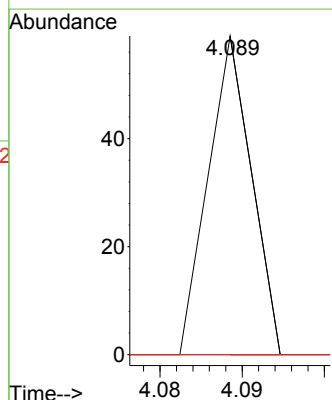
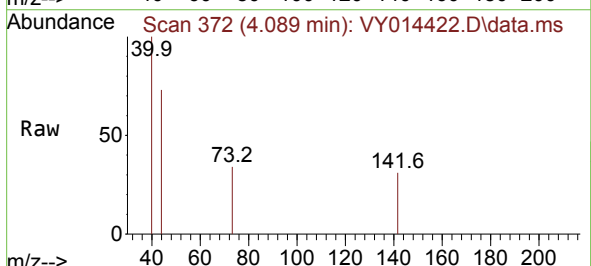
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBL01

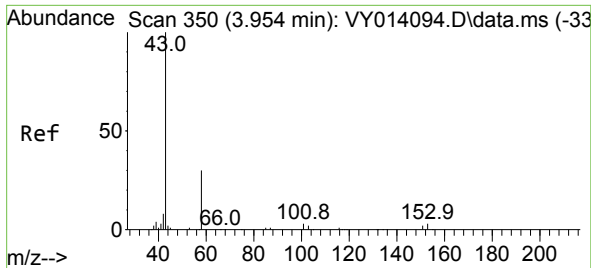
Tgt Ion:168 Resp: 159850
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#10
Methyl Iodide
Concen: 2.885 ug/l
RT: 4.089 min Scan# 372
Delta R.T. -0.005 min
Lab File: VY014422.D
Acq: 26 Jun 2023 10:34

Tgt Ion:142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 2.737 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.000 min

Lab File: VY014422.D

Acq: 26 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

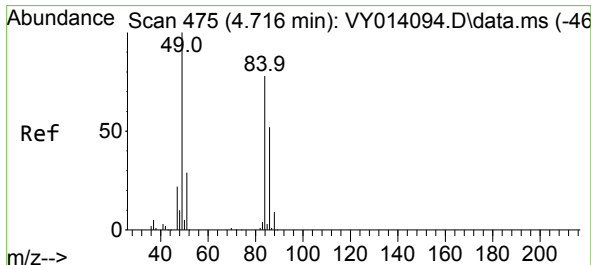
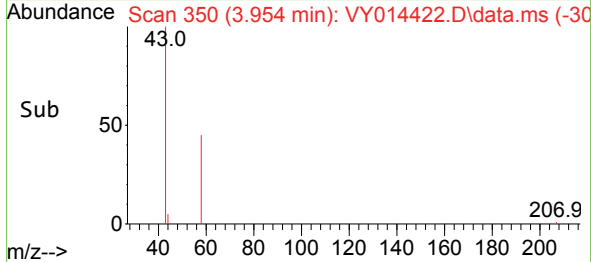
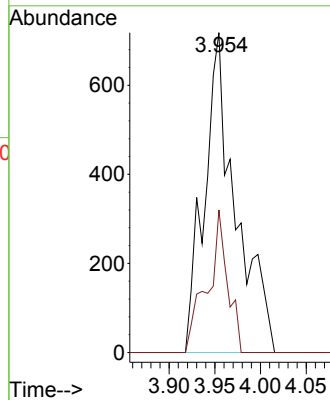
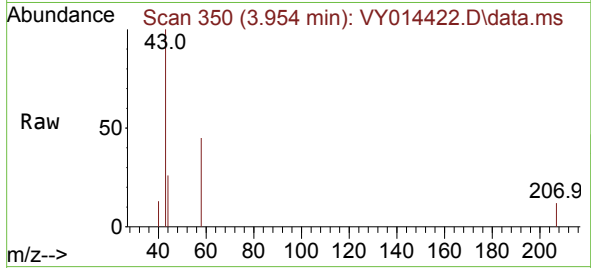
VY0626SBL01

Tgt Ion: 43 Resp: 1709

Ion Ratio Lower Upper

43 100

58 44.6 22.7 34.1#



#20

Methylene Chloride

Concen: 1.810 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY014422.D

Acq: 26 Jun 2023 10:34

Tgt Ion: 84 Resp: 12924

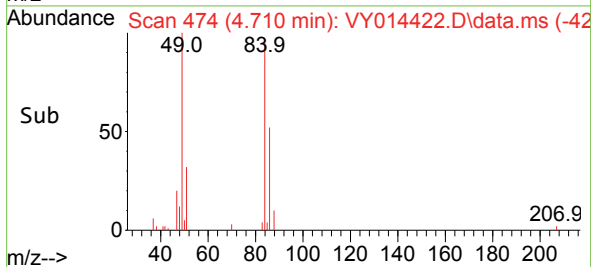
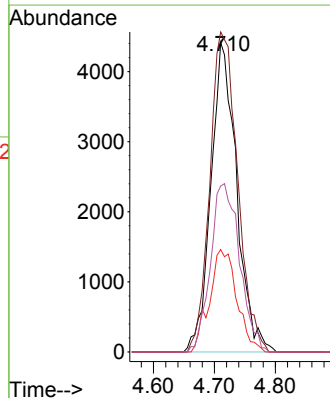
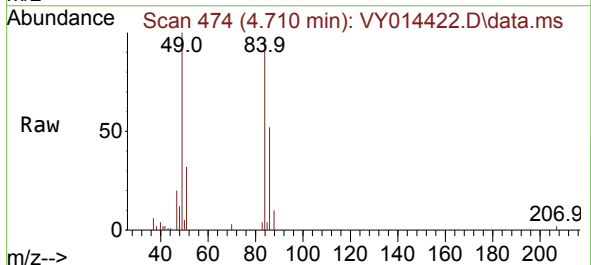
Ion Ratio Lower Upper

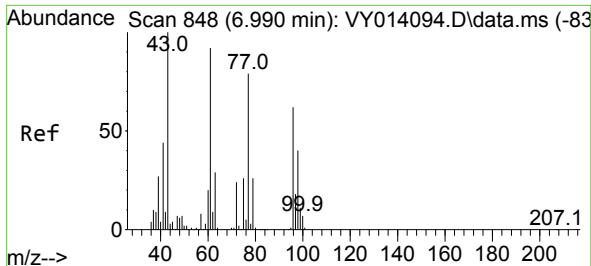
84 100

49 103.4 106.9 160.3#

51 33.1 33.2 49.8#

86 53.6 51.0 76.6

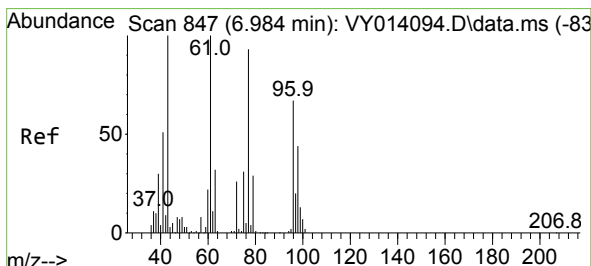
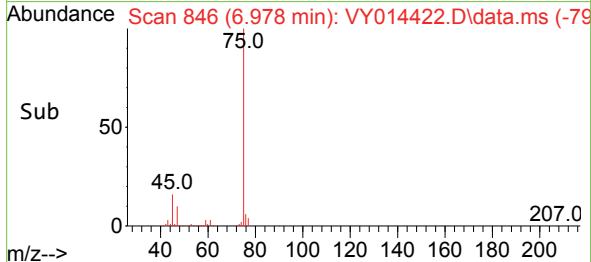
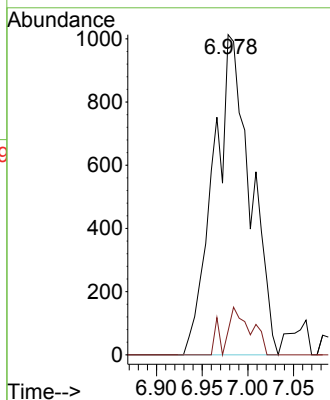
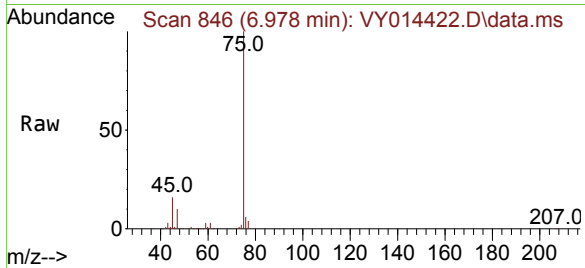




#25
2-Butanone
Concen: 3.663 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014422.D
Acq: 26 Jun 2023 10:34

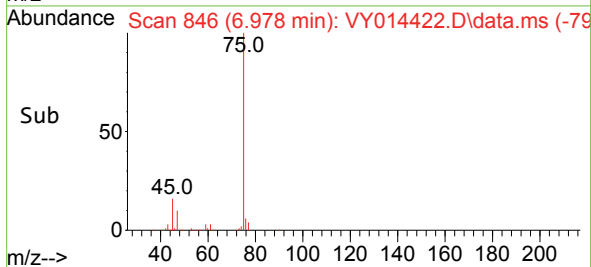
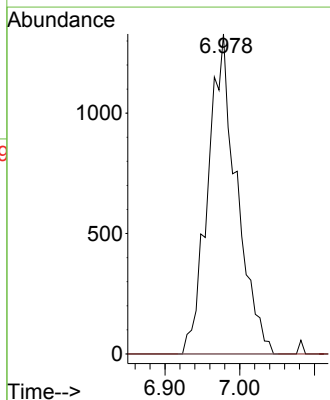
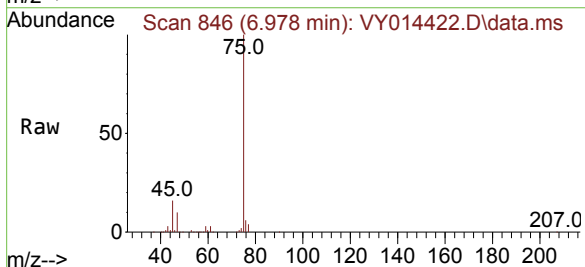
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBL01

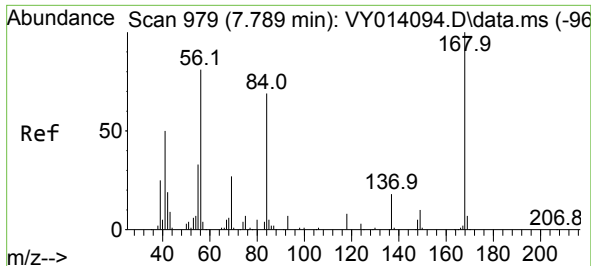
Tgt Ion: 43 Resp: 2849
Ion Ratio Lower Upper
43 100
72 7.5 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.214 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014422.D
Acq: 26 Jun 2023 10:34

Tgt Ion: 77 Resp: 3564
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

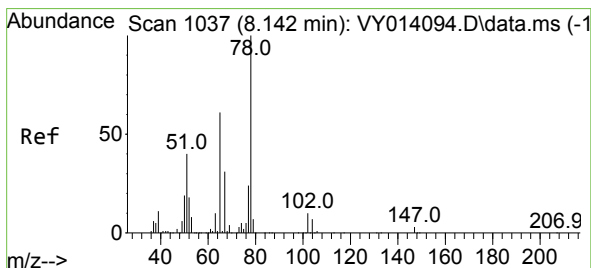
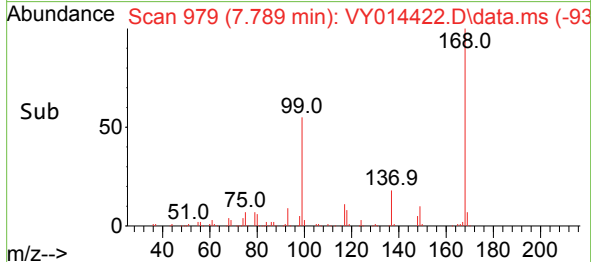
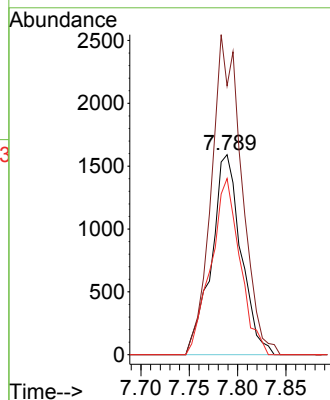
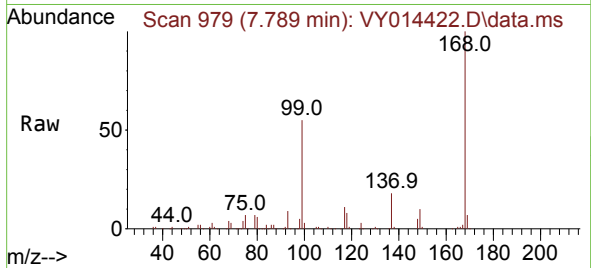




#31
Cyclohexane
Concen: 1.382 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014422.D
Acq: 26 Jun 2023 10:34

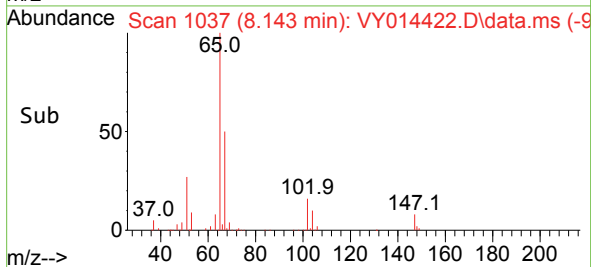
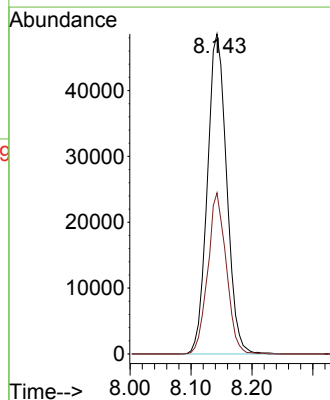
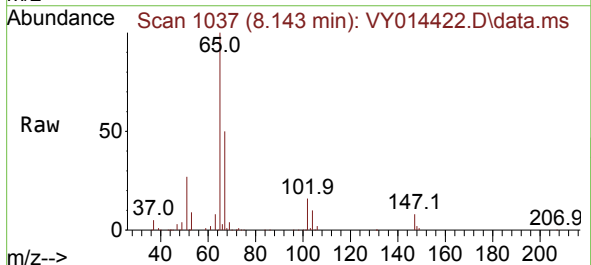
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBL01

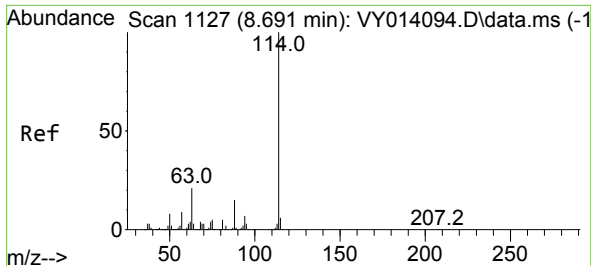
Tgt Ion: 56 Resp: 3388
Ion Ratio Lower Upper
56 100
69 134.4 27.8 41.6#
84 93.1 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 53.943 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014422.D
Acq: 26 Jun 2023 10:34

Tgt Ion: 65 Resp: 107060
Ion Ratio Lower Upper
65 100
67 48.1 0.0 101.8

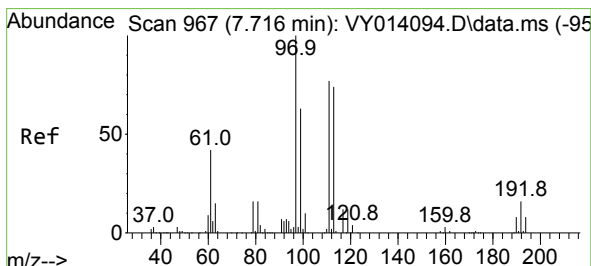
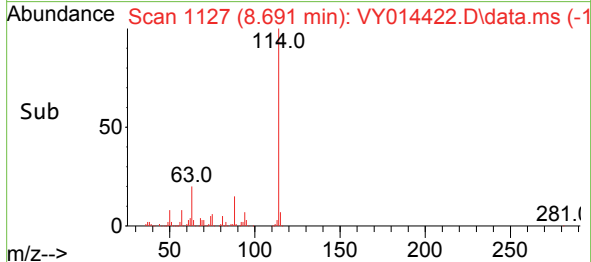
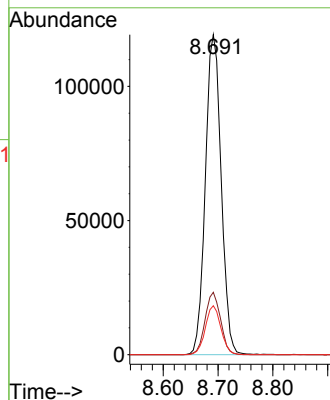
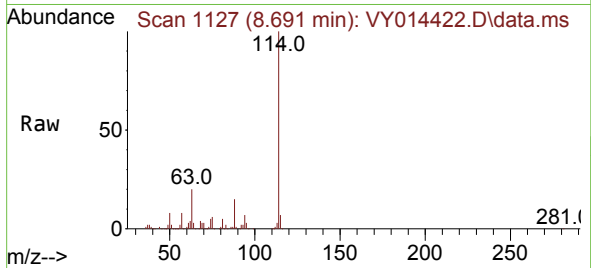




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014422.D
Acq: 26 Jun 2023 10:34

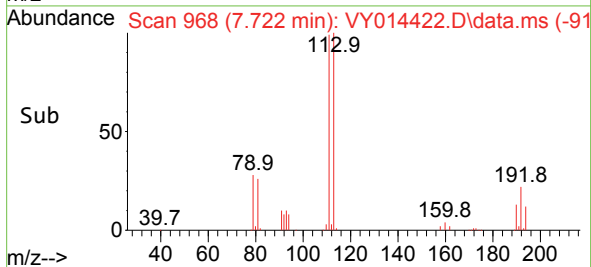
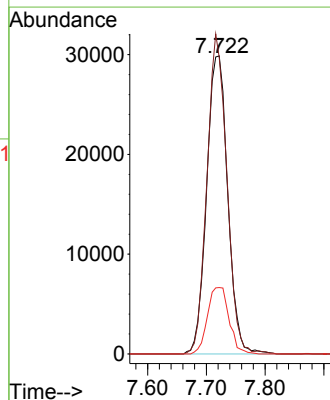
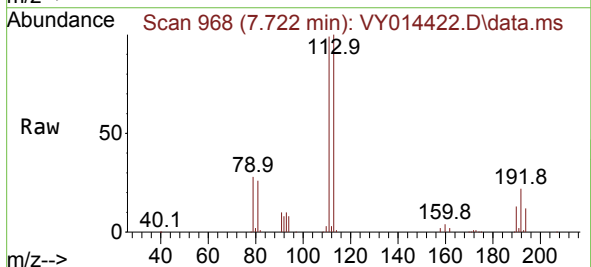
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBL01

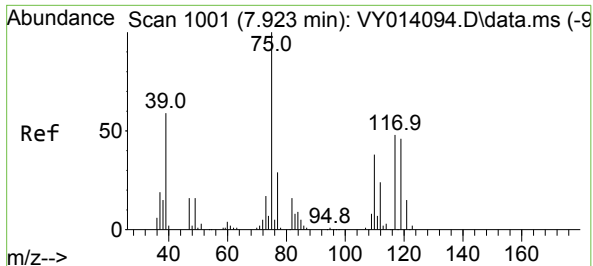
Tgt Ion:114 Resp: 238228
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.715 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014422.D
Acq: 26 Jun 2023 10:34

Tgt Ion:113 Resp: 74643
Ion Ratio Lower Upper
113 100
111 100.8 81.3 121.9
192 22.8 16.9 25.3

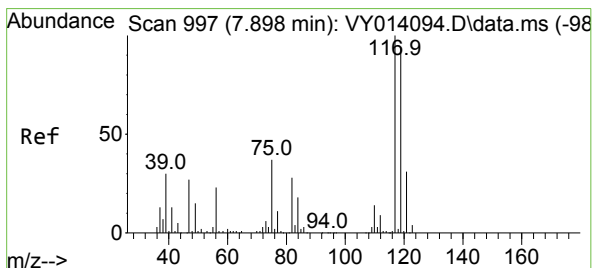
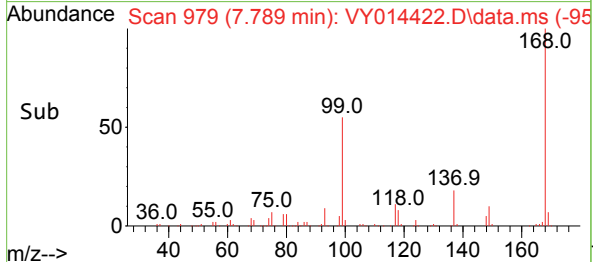
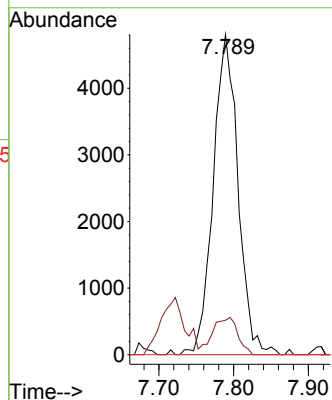
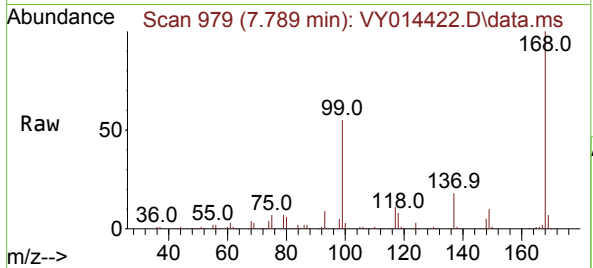




#36
 1,1-Dichloropropene
 Concen: 4.883 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY014422.D
 Acq: 26 Jun 2023 10:34

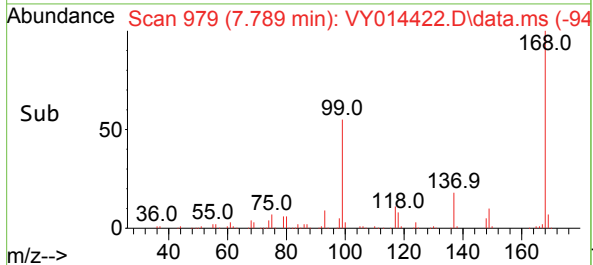
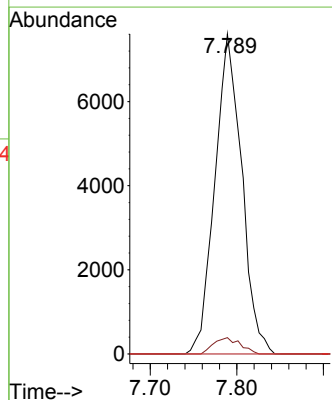
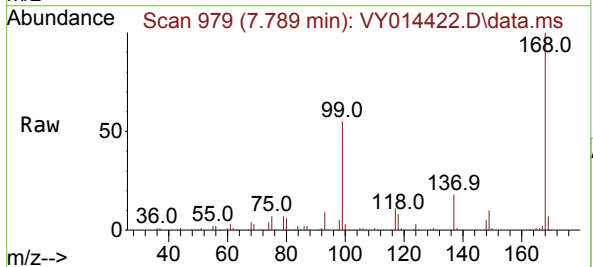
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0626SBL01

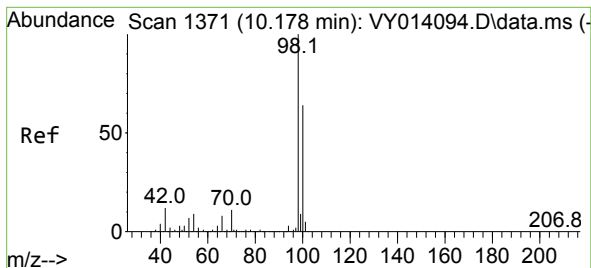
Tgt Ion: 75 Resp: 11076
 Ion Ratio Lower Upper
 75 100
 110 11.4 17.8 53.5#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.728 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.109 min
 Lab File: VY014422.D
 Acq: 26 Jun 2023 10:34

Tgt Ion: 117 Resp: 16350
 Ion Ratio Lower Upper
 117 100
 119 5.1 76.4 114.6#
 121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 48.926 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014422.D

Acq: 26 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

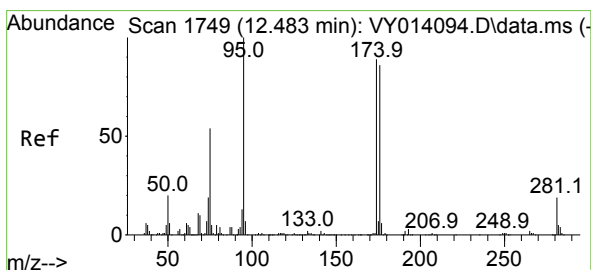
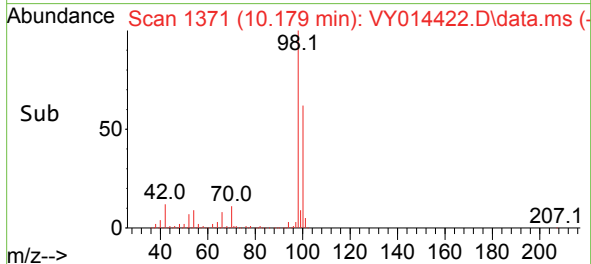
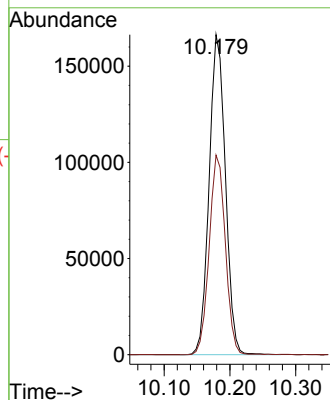
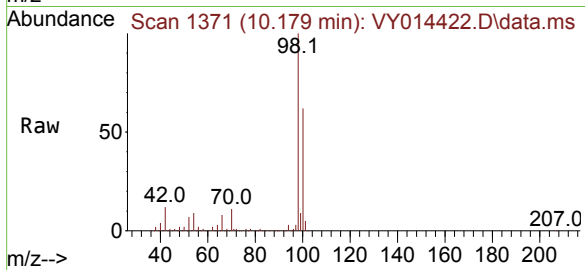
VY0626SBL01

Tgt Ion: 98 Resp: 286253

Ion Ratio Lower Upper

98 100

100 62.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 44.930 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014422.D

Acq: 26 Jun 2023 10:34

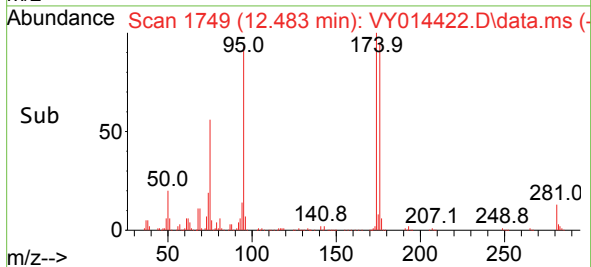
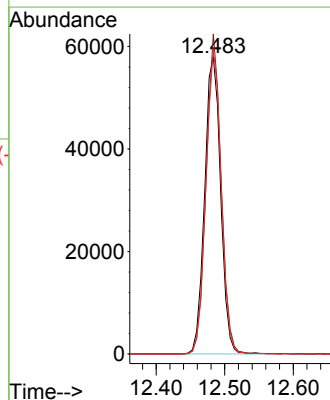
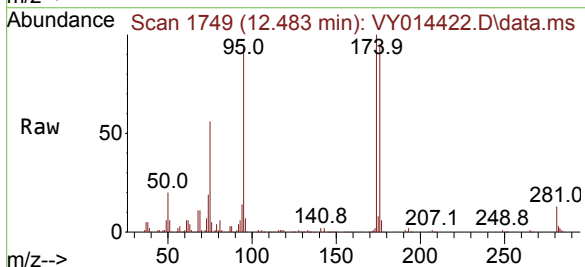
Tgt Ion: 95 Resp: 93846

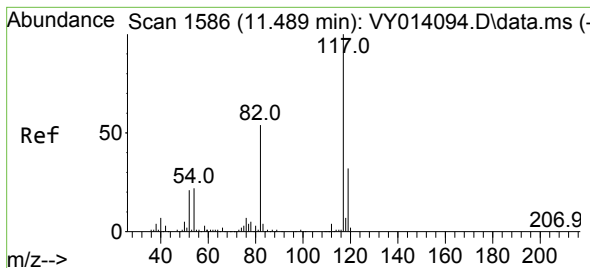
Ion Ratio Lower Upper

95 100

174 101.4 0.0 178.2

176 98.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014422.D

Acq: 26 Jun 2023 10:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0626SBL01

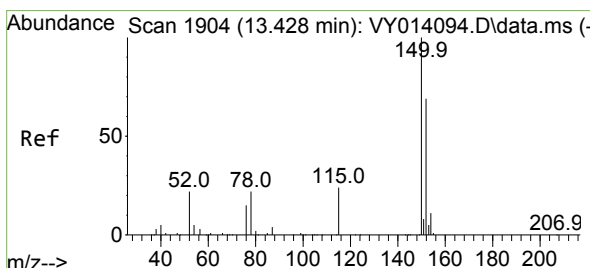
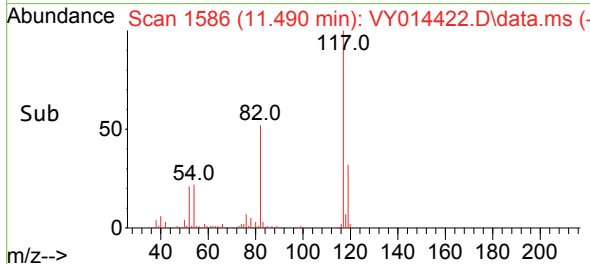
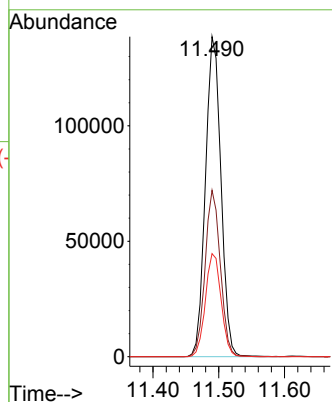
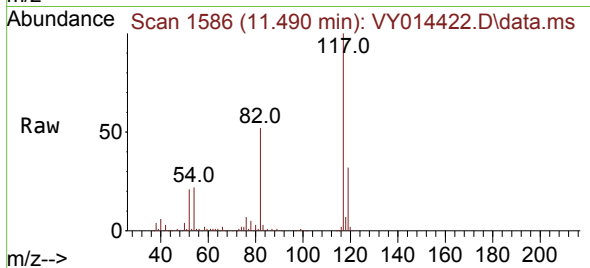
Tgt Ion:117 Resp: 227735

Ion Ratio Lower Upper

117 100

82 52.0 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014422.D

Acq: 26 Jun 2023 10:34

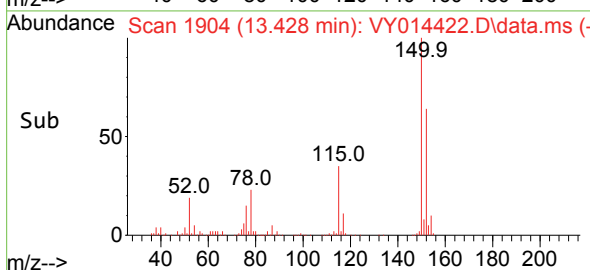
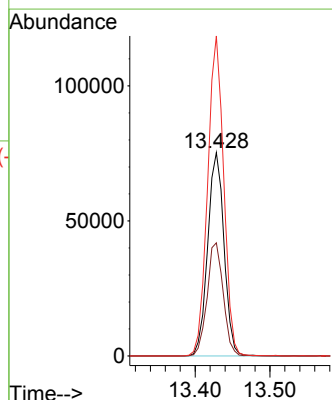
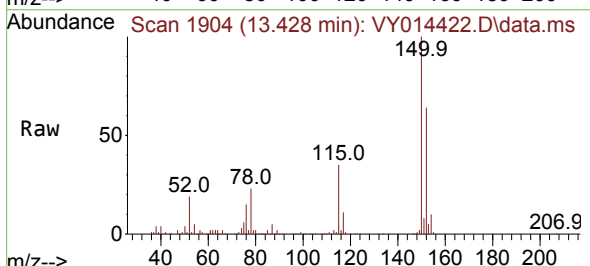
Tgt Ion:152 Resp: 114243

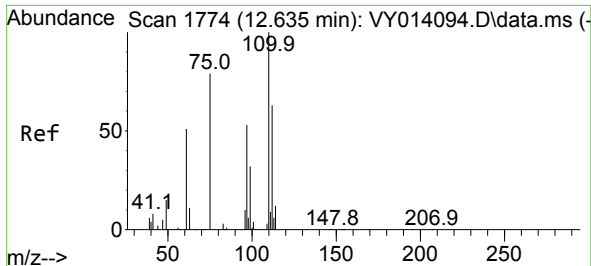
Ion Ratio Lower Upper

152 100

115 55.1 28.8 86.5

150 155.2 0.0 348.8

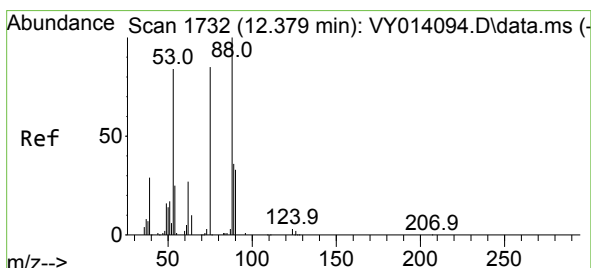
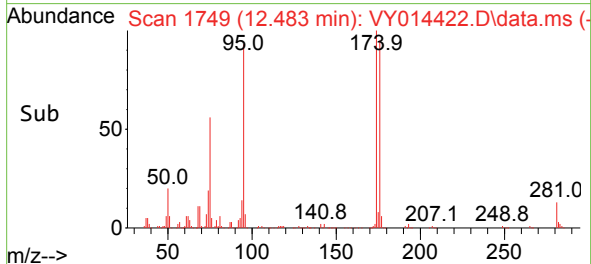
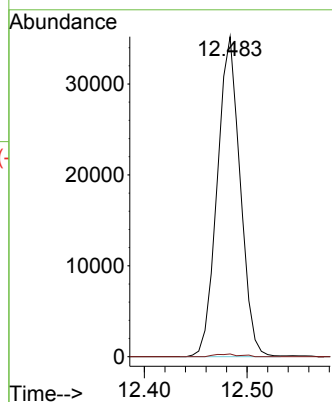
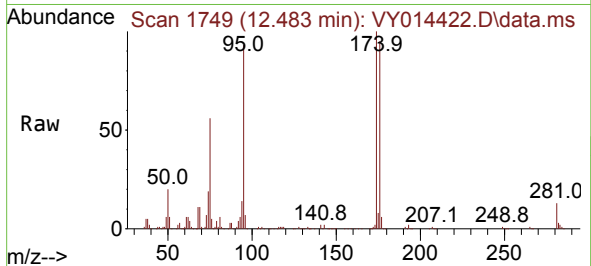




#76
1,2,3-Trichloropropane
Concen: 38.023 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014422.D
Acq: 26 Jun 2023 10:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBL01

Tgt Ion: 75 Resp: 54490
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.565 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014422.D
Acq: 26 Jun 2023 10:34

Tgt Ion: 75 Resp: 54490
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.1 37.4 56.0#

