

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014708.D
 Acq On : 18 Jul 2023 17:55
 Operator : SY/MD
 Sample : 03641-31
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP15

Quant Time: Jul 19 04:07:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

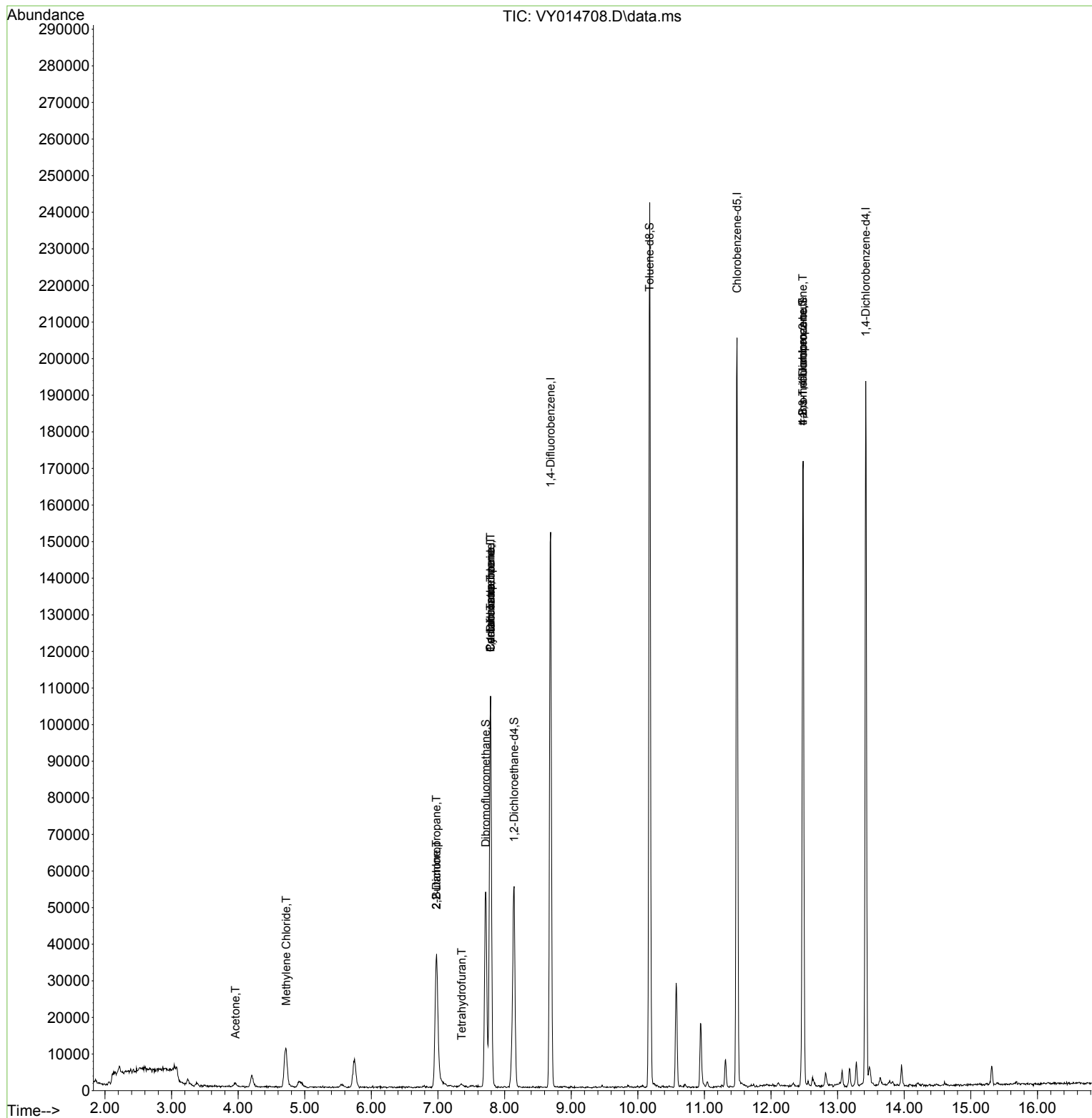
Internal Standards						
1) Pentafluorobenzene	7.789	168	82783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	134426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	112564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40623	43.063	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.120%
35) Dibromofluoromethane	7.716	113	38773	45.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.620%
50) Toluene-d8	10.179	98	153808	48.753	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.477	95	49619	41.018	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.040%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	2080	6.958	ug/l #	88
20) Methylene Chloride	4.722	84	8345	4.774	ug/l	89
25) 2-Butanone	6.978	43	3458	7.907	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	2719	1.694	ug/l #	54
29) Tetrahydrofuran	7.356	42	779	2.893	ug/l #	64
31) Cyclohexane	7.789	56	1692	1.080	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6626	5.178	ug/l #	49
38) Carbon Tetrachloride	7.789	117	8197	6.059	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	26555	43.582	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	26555	84.383	ug/l #	11

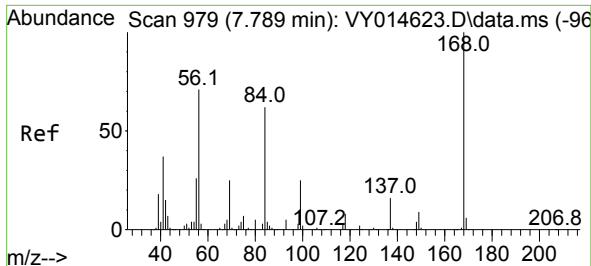
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
Data File : VY014708.D
Acq On : 18 Jul 2023 17:55
Operator : SY/MD
Sample : 03641-31
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP15

Quant Time: Jul 19 04:07:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

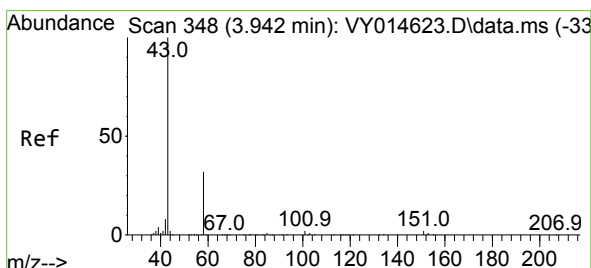
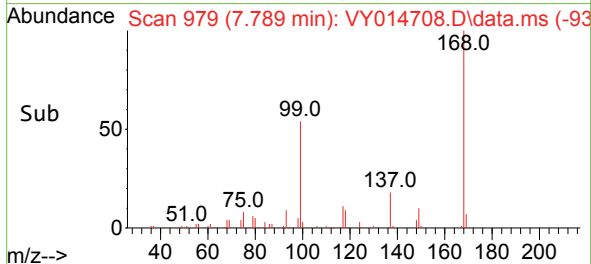
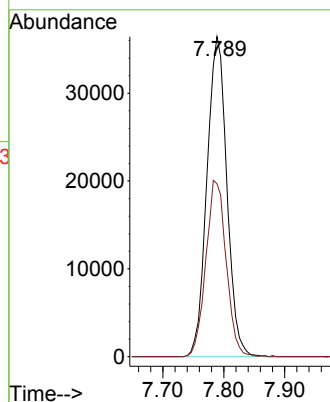
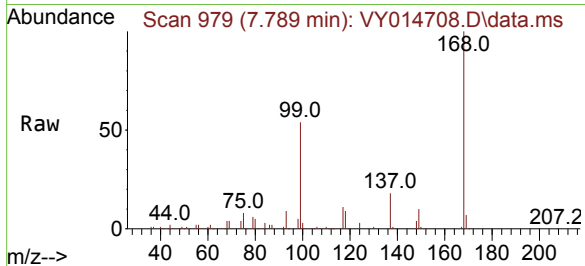




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014708.D
Acq: 18 Jul 2023 17:55

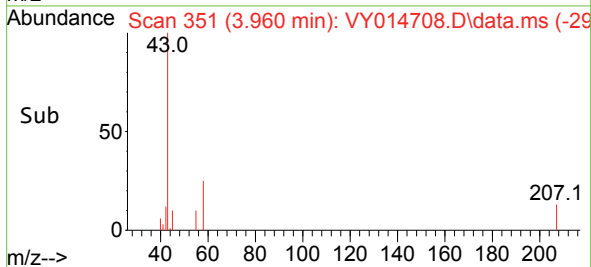
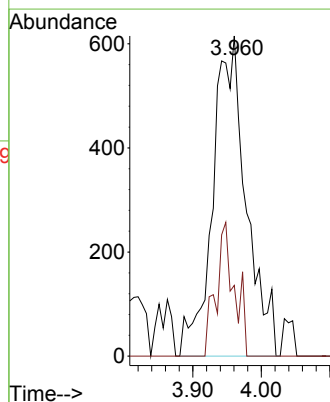
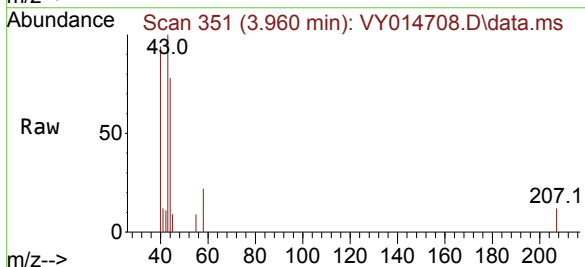
Instrument :
MSVOA_Y
ClientSampleId :
TP15

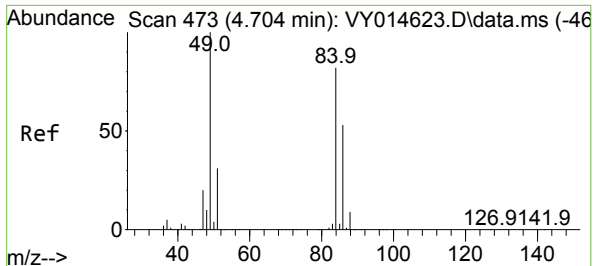
Tgt Ion:168 Resp: 82783
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#16
Acetone
Concen: 6.958 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY014708.D
Acq: 18 Jul 2023 17:55

Tgt Ion: 43 Resp: 2080
Ion Ratio Lower Upper
43 100
58 22.1 22.7 34.1#

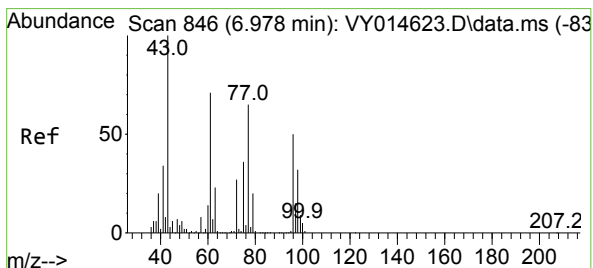
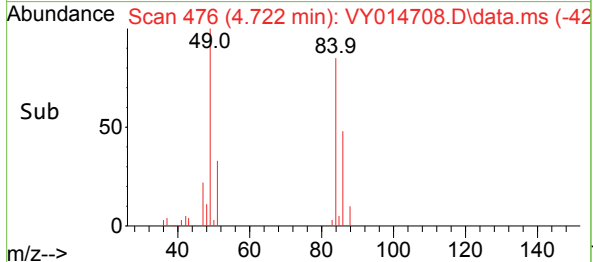
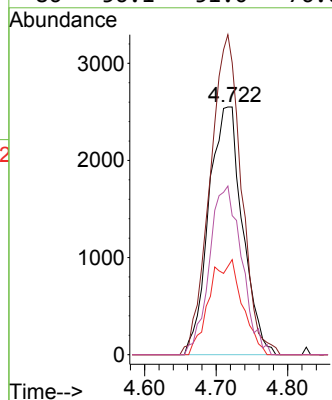
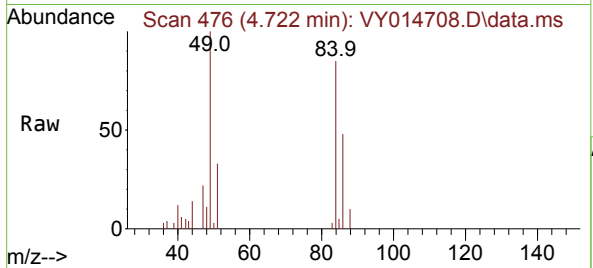




#20
Methylene Chloride
Concen: 4.774 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY014708.D
Acq: 18 Jul 2023 17:55

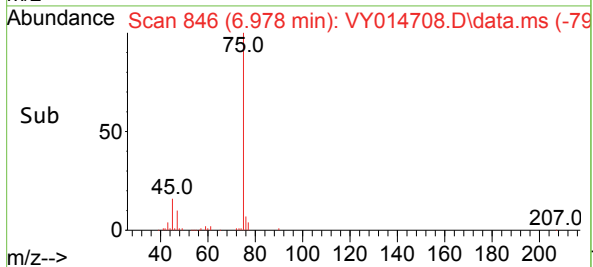
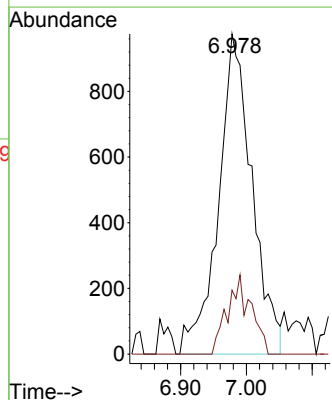
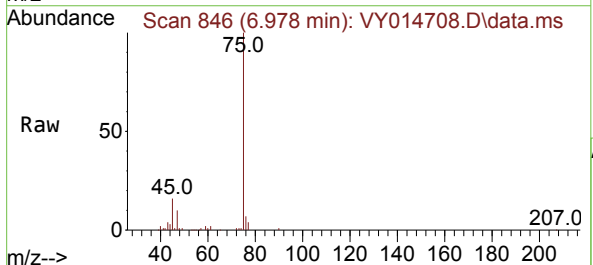
Instrument :
MSVOA_Y
ClientSampleId :
TP15

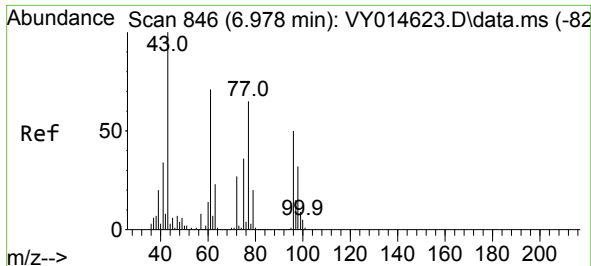
Tgt Ion:	84	Resp:	8345
Ion	Ratio	Lower	Upper
84	100		
49	117.8	106.9	160.3
51	38.3	33.2	49.8
86	56.1	51.0	76.6



#25
2-Butanone
Concen: 7.907 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014708.D
Acq: 18 Jul 2023 17:55

Tgt Ion:	43	Resp:	3458
Ion	Ratio	Lower	Upper
43	100		
72	19.9	20.5	30.7#

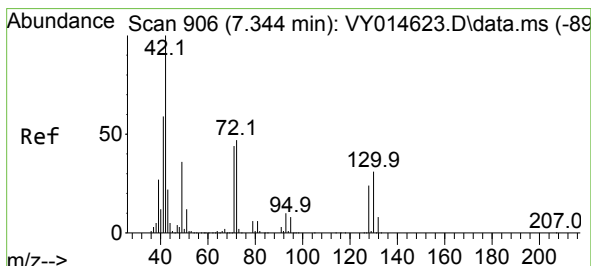
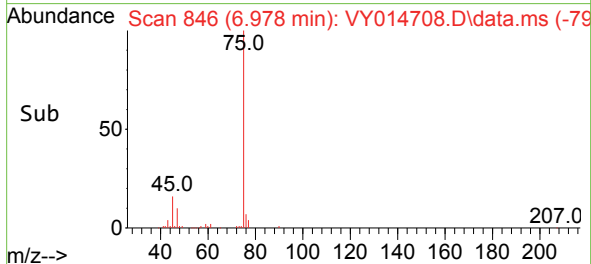
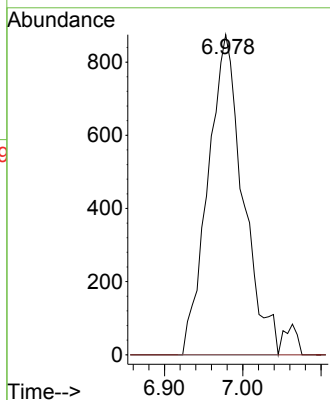
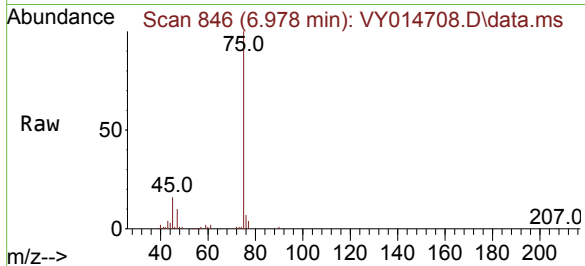




#26
2,2-Dichloropropane
Concen: 1.694 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014708.D
Acq: 18 Jul 2023 17:55

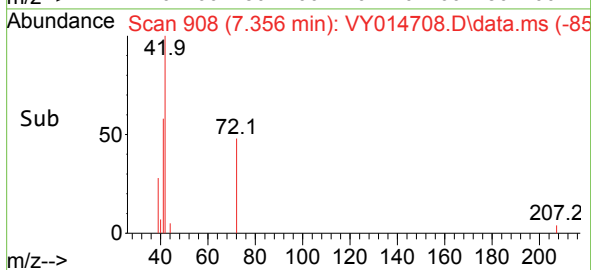
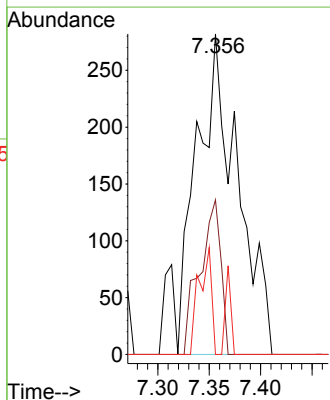
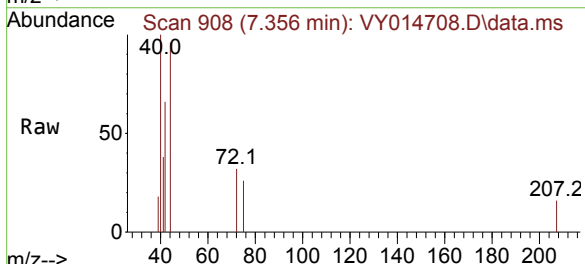
Instrument :
MSVOA_Y
ClientSampleId :
TP15

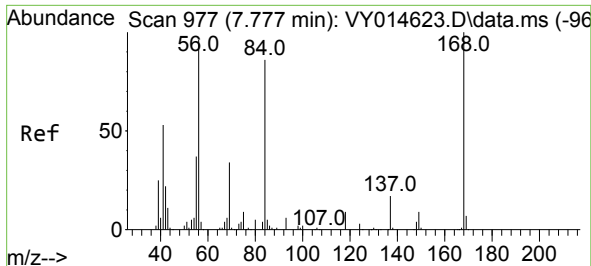
Tgt Ion: 77 Resp: 2719
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#29
Tetrahydrofuran
Concen: 2.893 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY014708.D
Acq: 18 Jul 2023 17:55

Tgt Ion: 42 Resp: 779
Ion Ratio Lower Upper
42 100
72 25.0 32.8 49.2#
71 10.3 31.0 46.4#

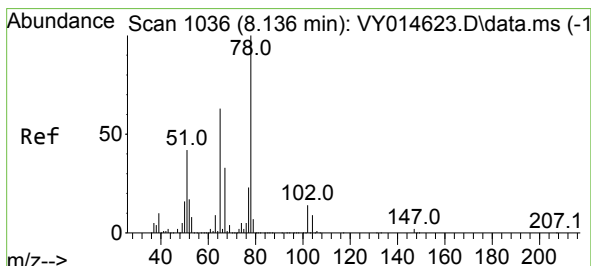
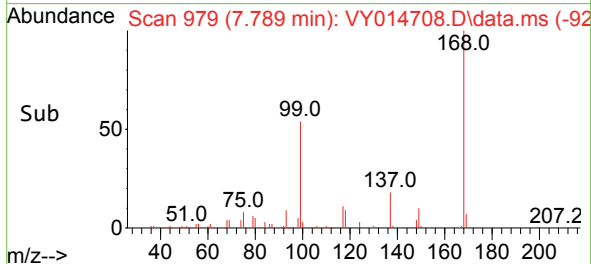
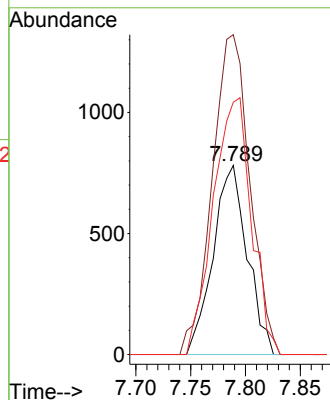
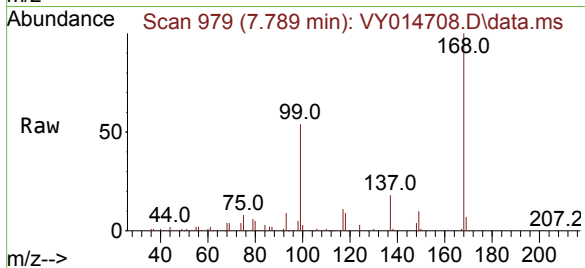




#31
Cyclohexane
Concen: 1.080 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014708.D
Acq: 18 Jul 2023 17:55

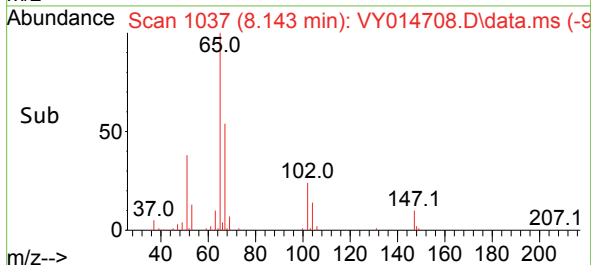
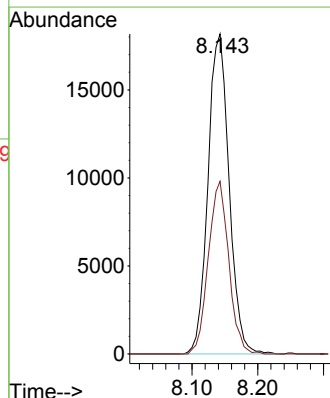
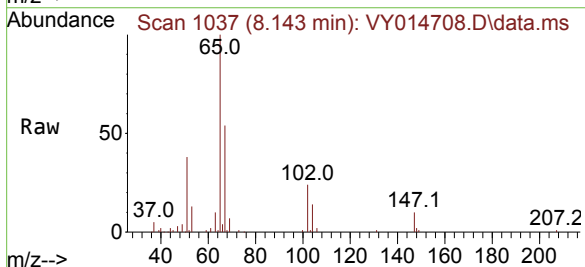
Instrument :
MSVOA_Y
ClientSampleId :
TP15

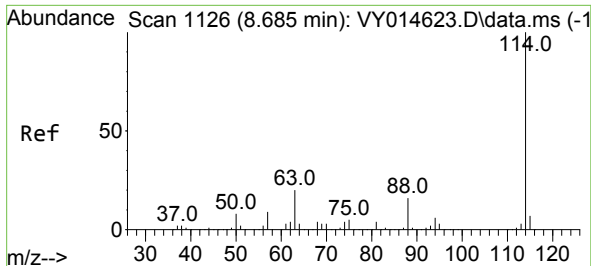
Tgt Ion: 56 Resp: 1692
Ion Ratio Lower Upper
56 100
69 169.1 27.8 41.6#
84 133.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 43.063 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY014708.D
Acq: 18 Jul 2023 17:55

Tgt Ion: 65 Resp: 40623
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014708.D

Acq: 18 Jul 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

TP15

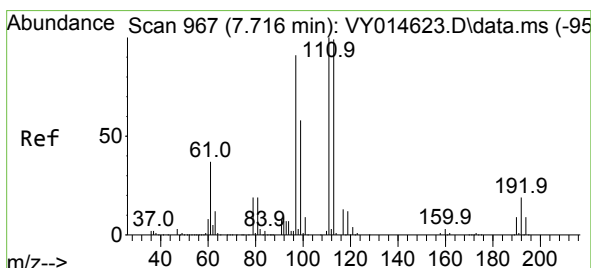
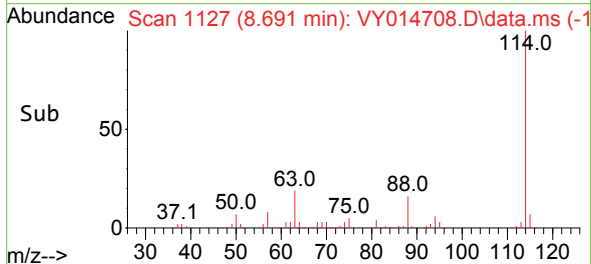
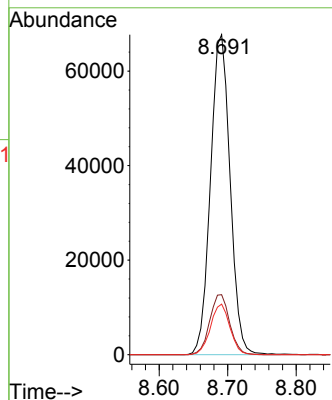
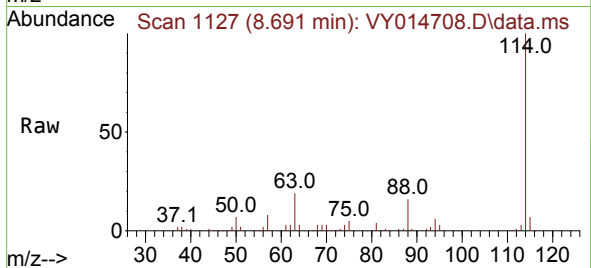
Tgt Ion:114 Resp: 134426

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.310 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014708.D

Acq: 18 Jul 2023 17:55

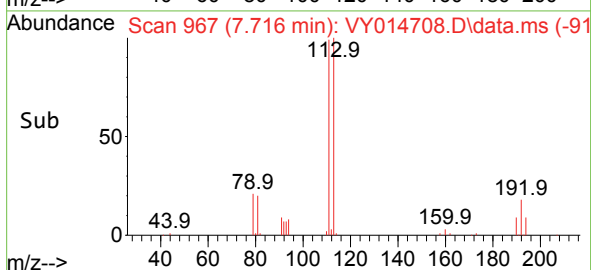
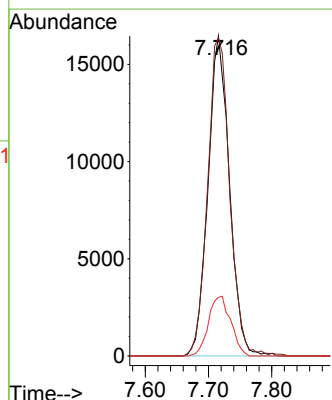
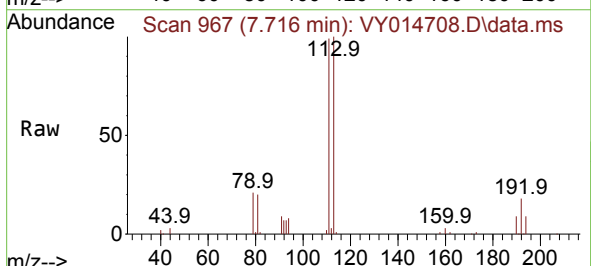
Tgt Ion:113 Resp: 38773

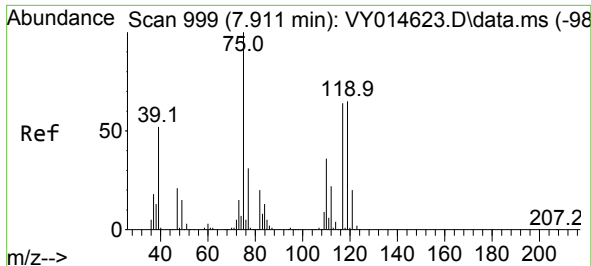
Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 19.4 16.9 25.3

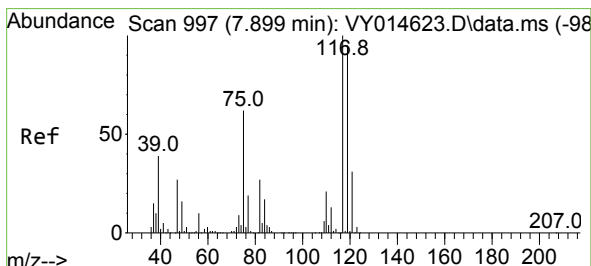
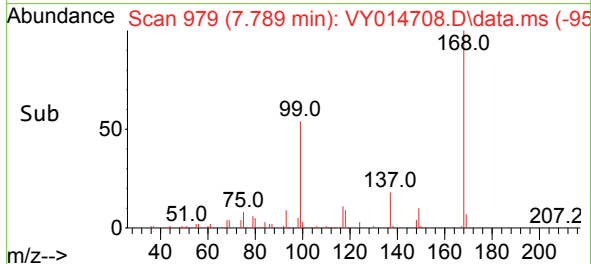
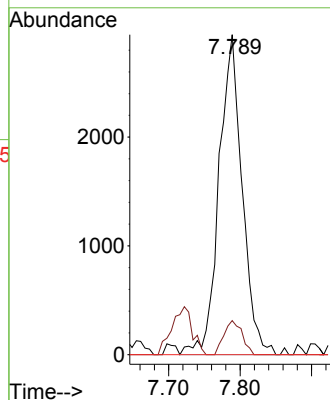
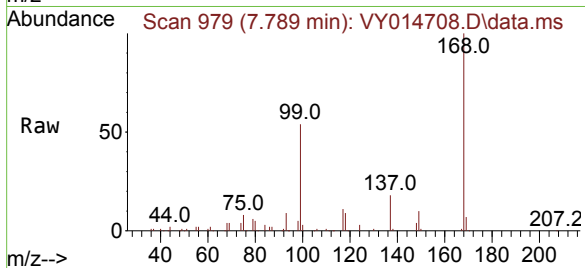




#36
1,1-Dichloropropene
Concen: 5.178 ug/l
RT: 7.789 min Scan# 915
Delta R.T. -0.122 min
Lab File: VY014708.D
Acq: 18 Jul 2023 17:55

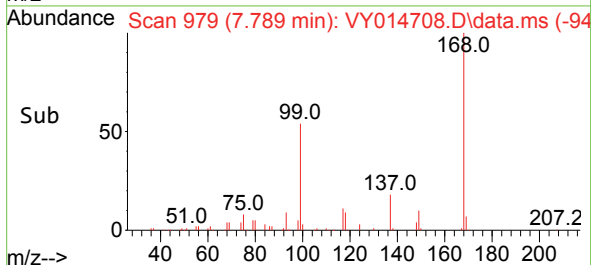
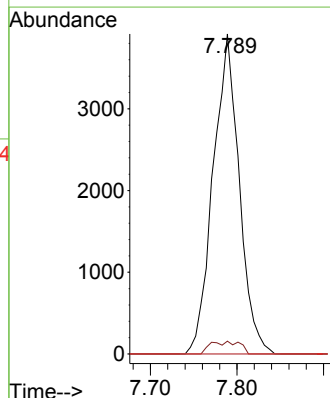
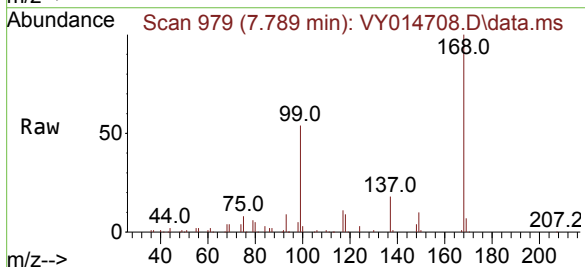
Instrument :
MSVOA_Y
ClientSampleId :
TP15

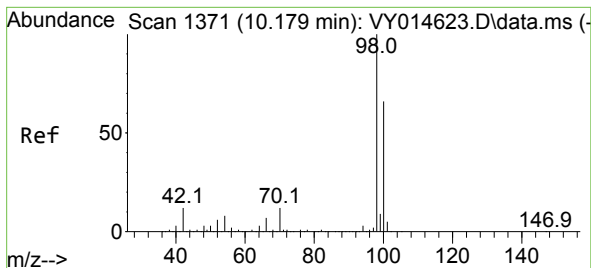
Tgt Ion: 75 Resp: 6626
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.059 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY014708.D
Acq: 18 Jul 2023 17:55

Tgt Ion: 117 Resp: 8197
Ion Ratio Lower Upper
117 100
119 4.0 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 48.753 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014708.D

Acq: 18 Jul 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

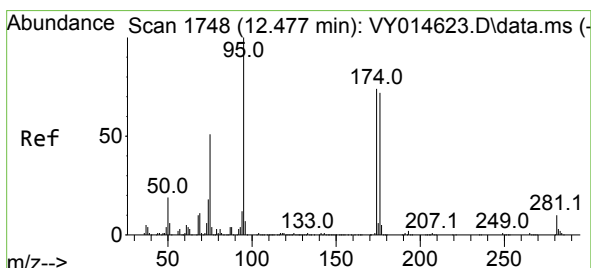
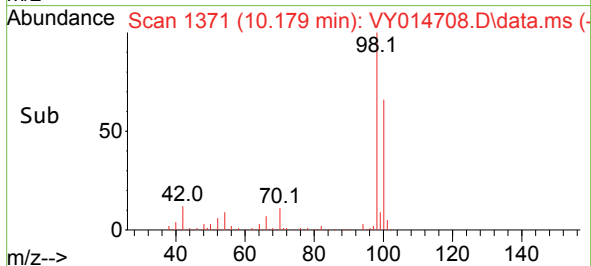
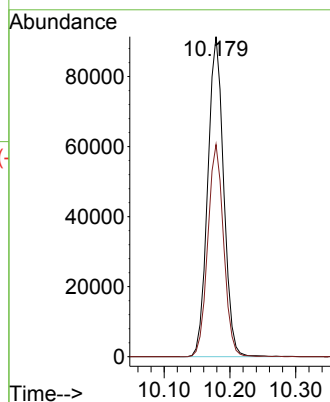
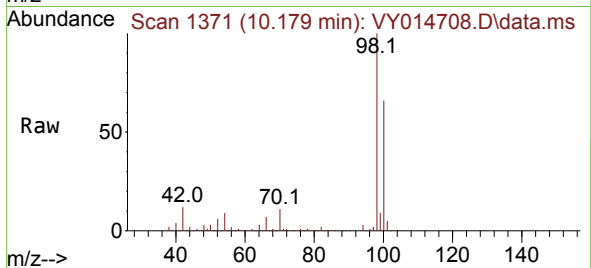
TP15

Tgt Ion: 98 Resp: 153808

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 41.018 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY014708.D

Acq: 18 Jul 2023 17:55

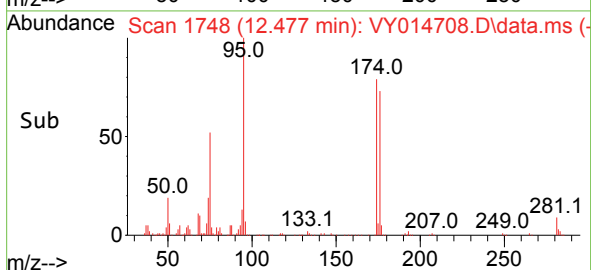
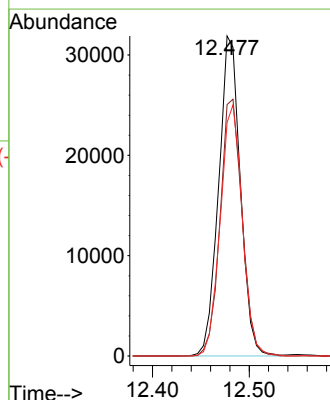
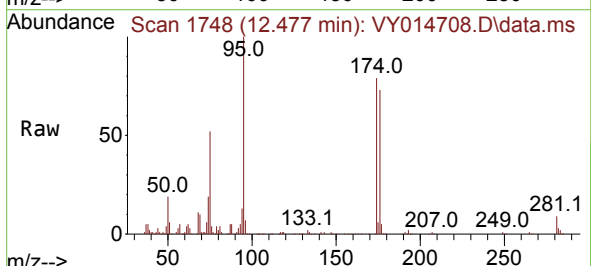
Tgt Ion: 95 Resp: 49619

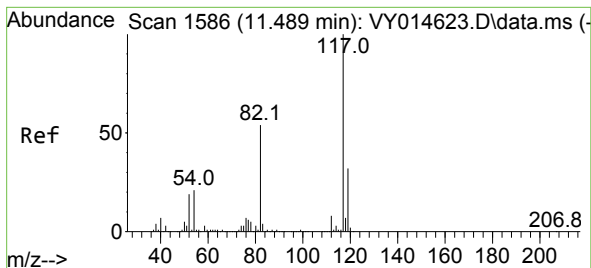
Ion Ratio Lower Upper

95 100

174 81.3 0.0 178.2

176 79.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014708.D

Acq: 18 Jul 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

TP15

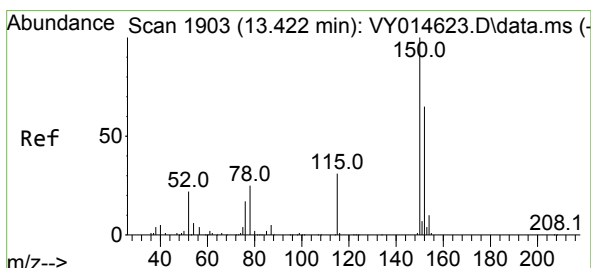
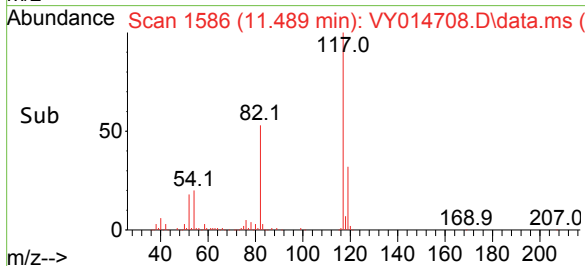
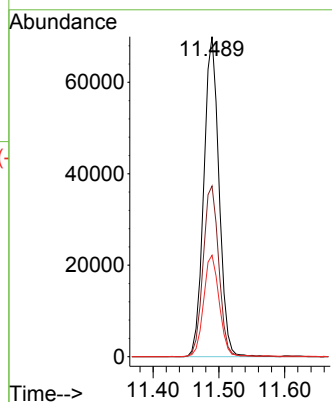
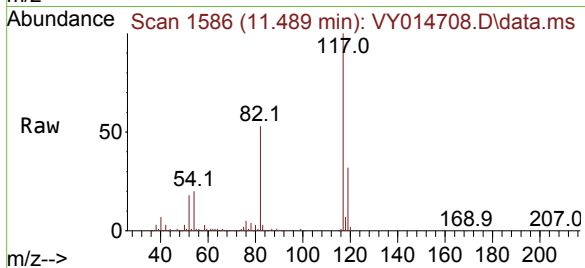
Tgt Ion:117 Resp: 112564

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 31.7 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014708.D

Acq: 18 Jul 2023 17:55

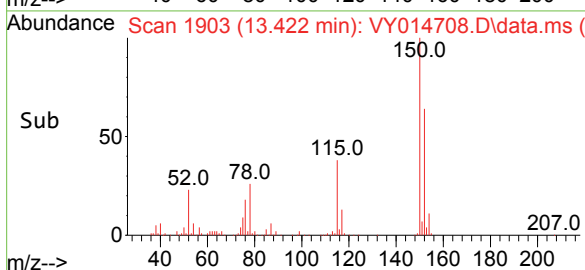
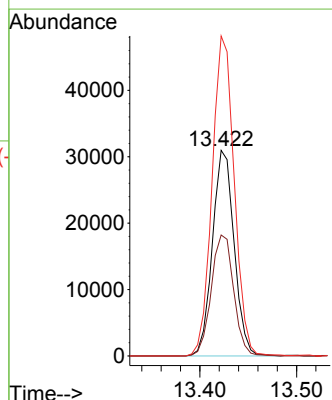
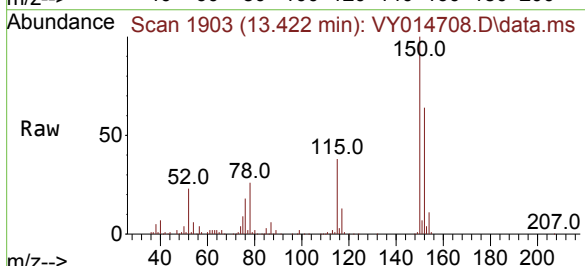
Tgt Ion:152 Resp: 48244

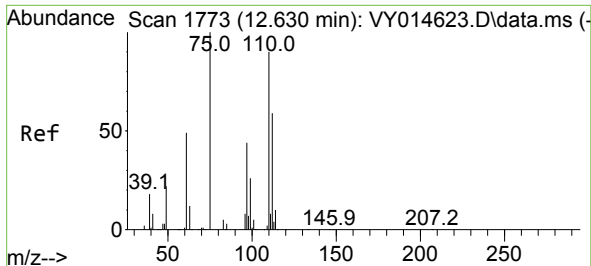
Ion Ratio Lower Upper

152 100

115 60.7 28.8 86.5

150 158.7 0.0 348.8

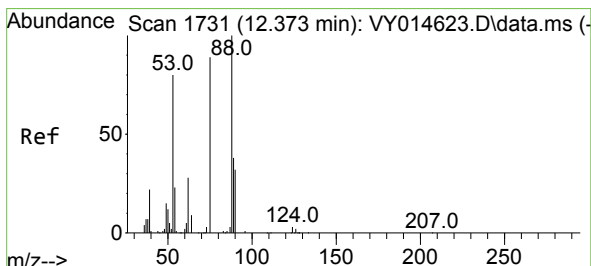
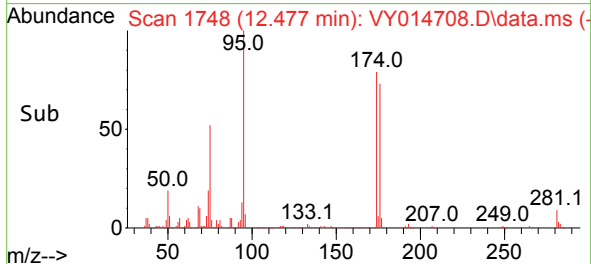
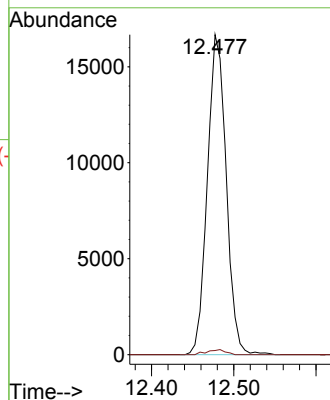
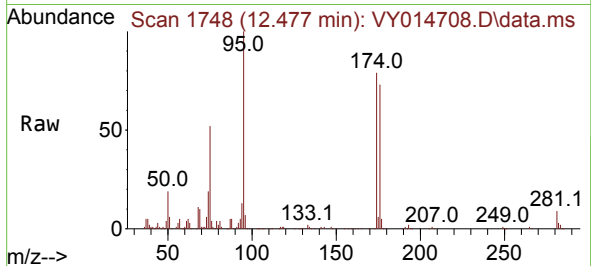




#76
1,2,3-Trichloropropane
Concen: 43.582 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014708.D
Acq: 18 Jul 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :
TP15

Tgt Ion: 75 Resp: 26555
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.383 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014708.D
Acq: 18 Jul 2023 17:55

Tgt Ion: 75 Resp: 26555
Ion Ratio Lower Upper
75 100
53 0.6 77.8 116.8#
89 0.1 37.4 56.0#

