

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014580.D
 Acq On : 06 Jul 2023 11:55
 Operator : KP/MD
 Sample : 03515-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 07 06:11:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

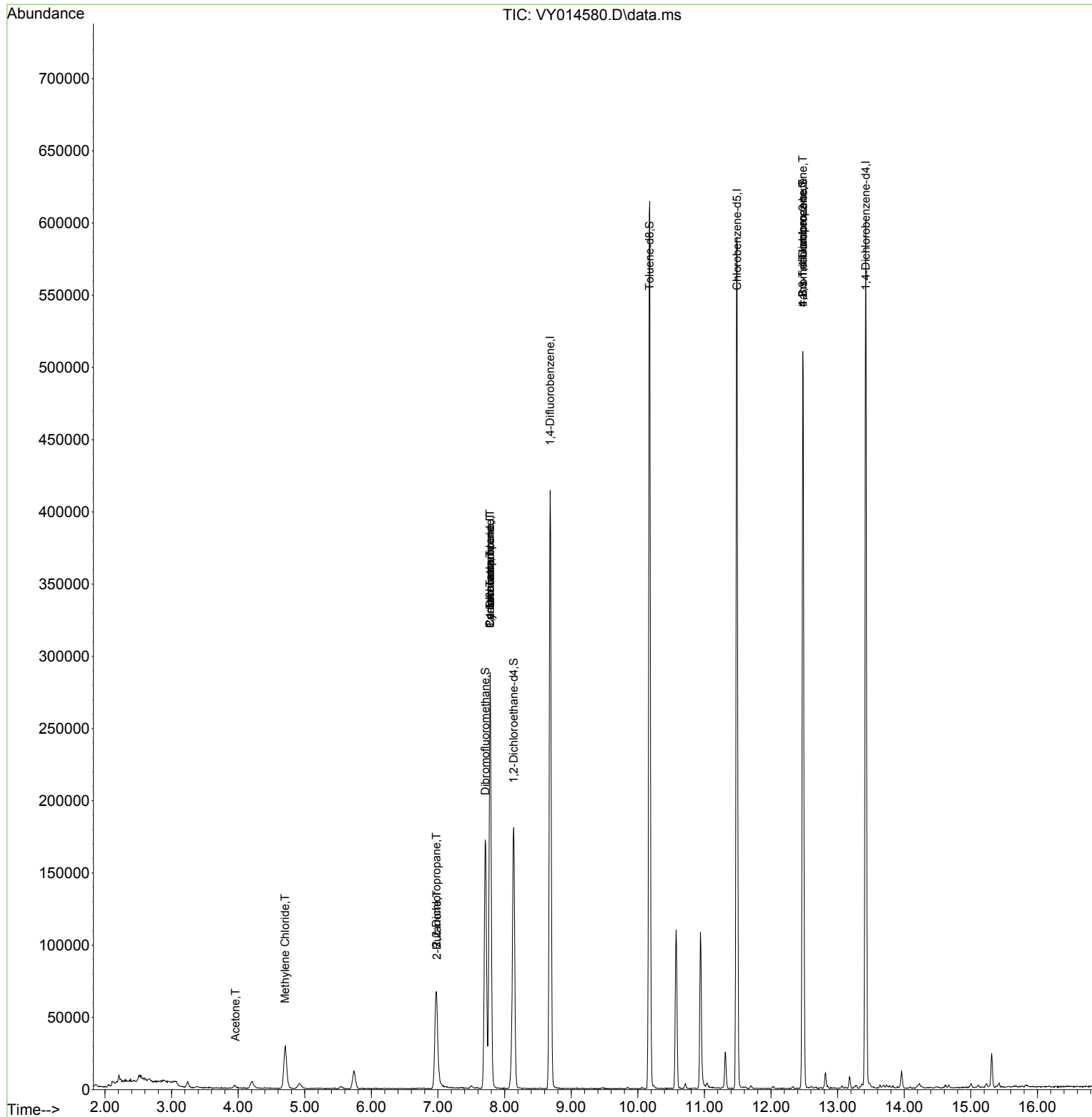
Internal Standards						
1) Pentafluorobenzene	7.783	168	233414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	372358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	350791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138191	59.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.020%	
35) Dibromofluoromethane	7.710	113	124110	54.125	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.260%	
50) Toluene-d8	10.179	98	426015	46.998	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.000%	
62) 4-Bromofluorobenzene	12.477	95	140061	44.498	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	4002	Below Cal	#	89
13) Acrolein	3.729	56	45	Below Cal	#	14
16) Acetone	3.960	43	3301	4.552	ug/l	94
20) Methylene Chloride	4.704	84	21794	3.510	ug/l	87
25) 2-Butanone	6.984	43	3563	3.318	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	5293	1.455	ug/l #	54
31) Cyclohexane	7.783	56	4055	1.113	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	17245	4.911	ug/l #	49
38) Carbon Tetrachloride	7.783	117	19882	5.424	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	67260	34.189	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	67260	66.546	ug/l #	11

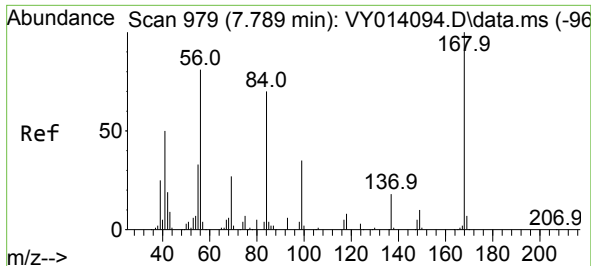
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

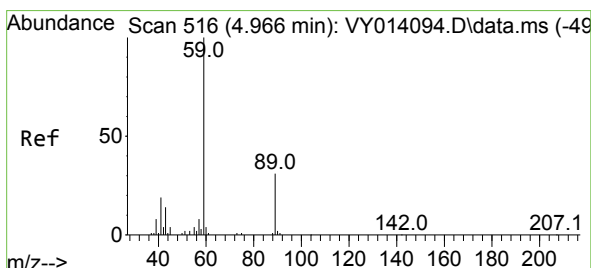
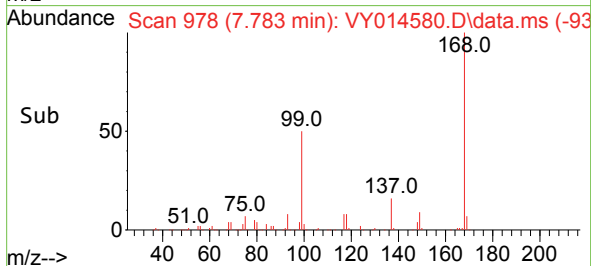
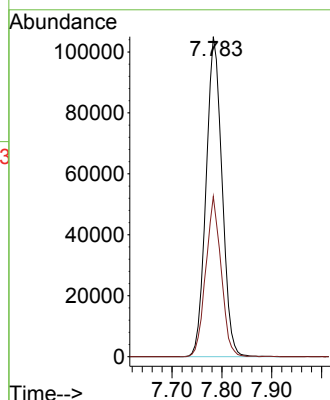
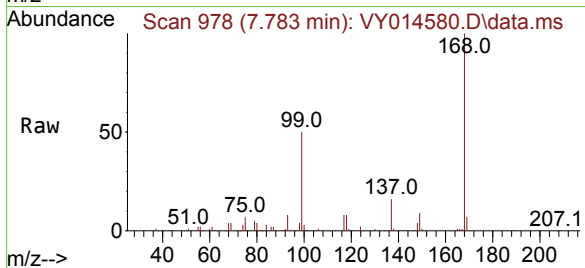




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

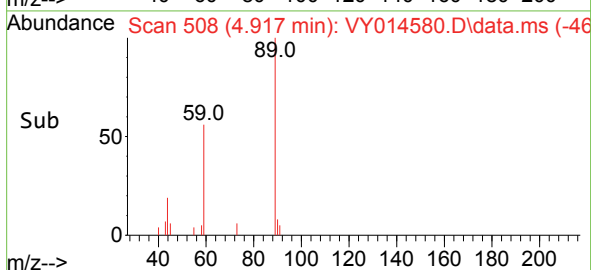
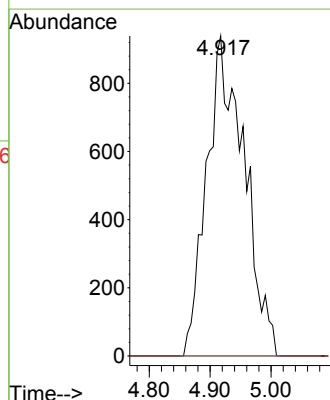
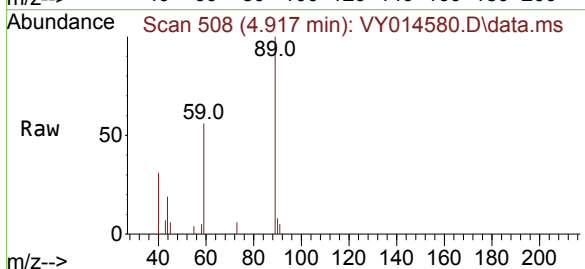
Instrument :
MSVOA_Y
ClientSampleId :

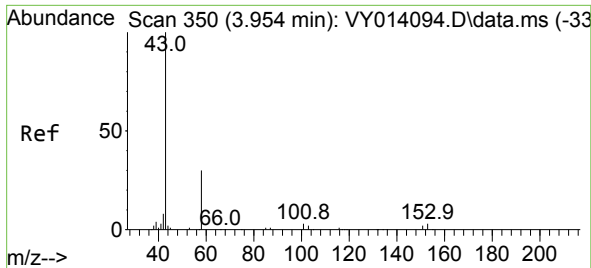
Tgt Ion:168 Resp: 233414
Ion Ratio Lower Upper
168 100
99 50.0 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.049 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

Tgt Ion: 59 Resp: 4002
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 4.552 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY014580.D

Acq: 06 Jul 2023 11:55

Instrument :

MSVOA_Y

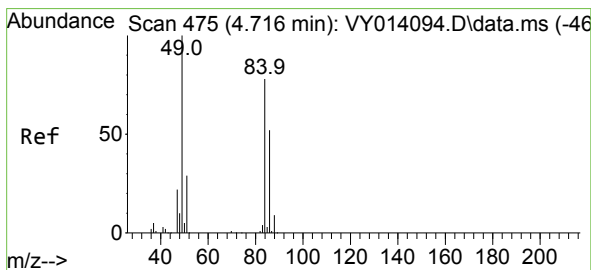
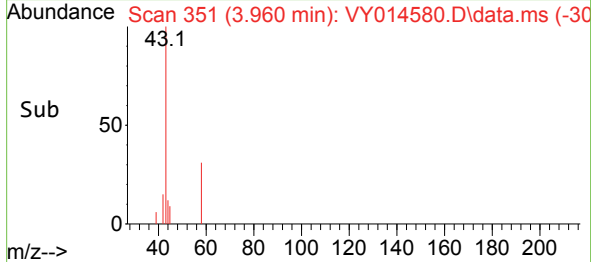
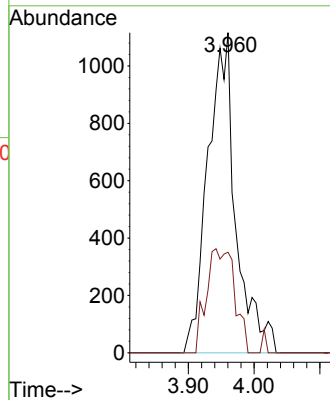
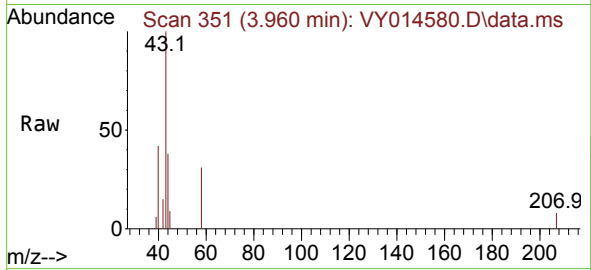
ClientSampleId :

Tgt Ion: 43 Resp: 3301

Ion Ratio Lower Upper

43 100

58 31.5 22.7 34.1



#20

Methylene Chloride

Concen: 3.510 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY014580.D

Acq: 06 Jul 2023 11:55

Tgt Ion: 84 Resp: 21794

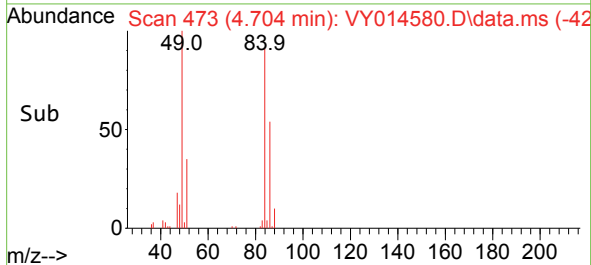
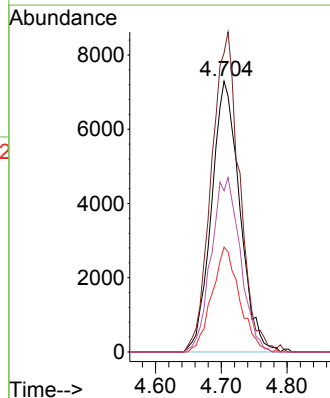
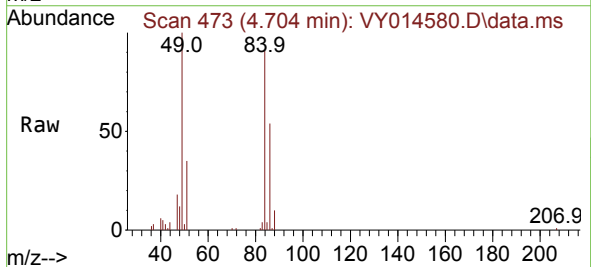
Ion Ratio Lower Upper

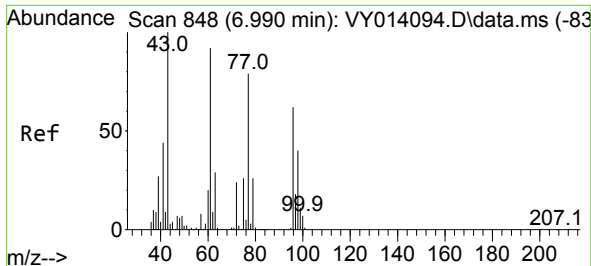
84 100

49 110.4 106.9 160.3

51 38.7 33.2 49.8

86 59.6 51.0 76.6





#25

2-Butanone

Concen: 3.318 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

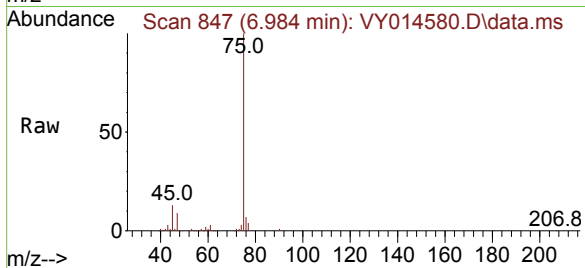
Lab File: VY014580.D

Acq: 06 Jul 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

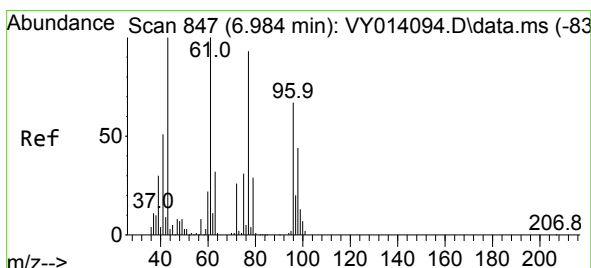
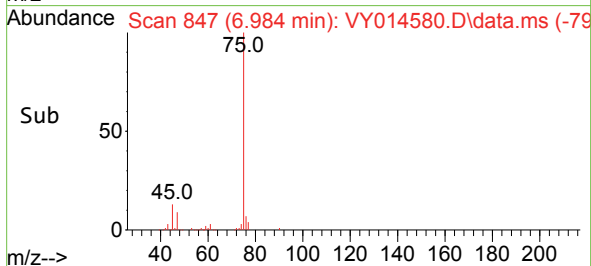
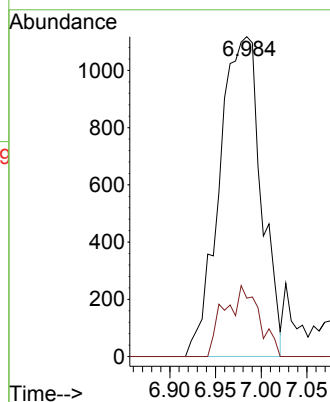


Tgt Ion: 43 Resp: 3563

Ion Ratio Lower Upper

43 100

72 18.2 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.455 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014580.D

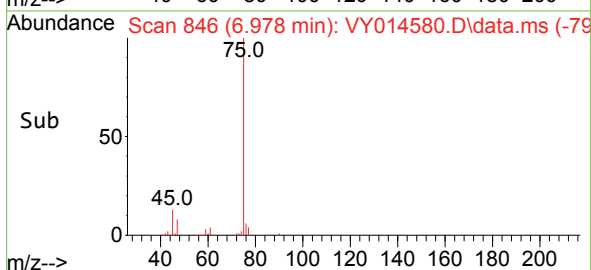
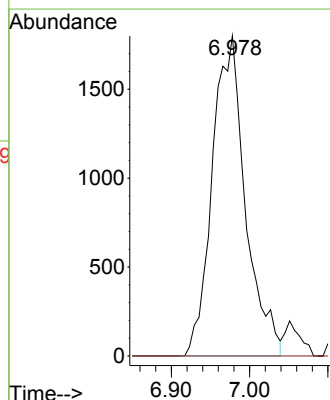
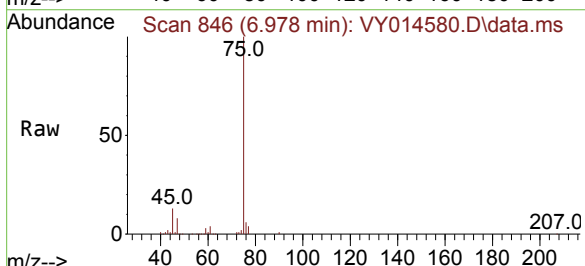
Acq: 06 Jul 2023 11:55

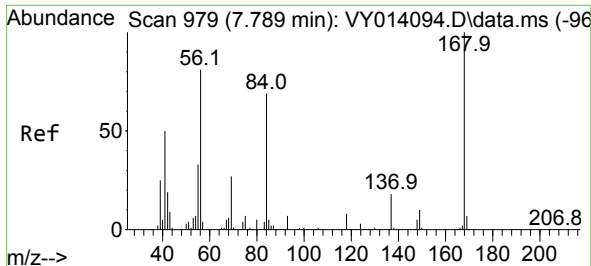
Tgt Ion: 77 Resp: 5293

Ion Ratio Lower Upper

77 100

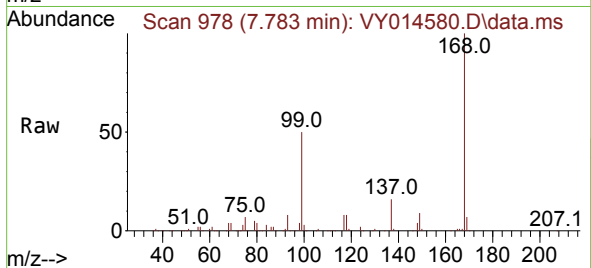
97 0.0 10.9 32.9#



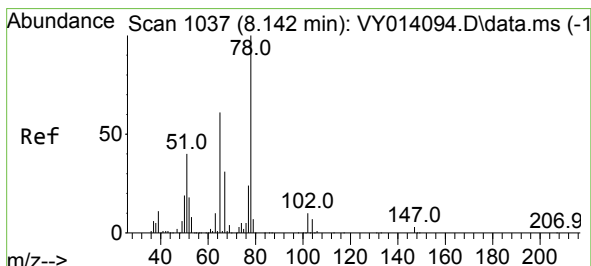
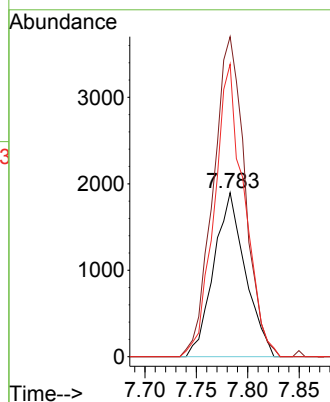
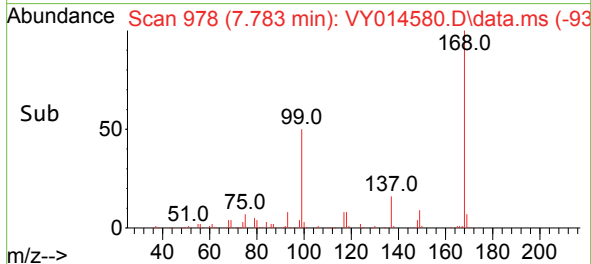


#31
Cyclohexane
Concen: 1.113 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

Instrument :
MSVOA_Y
ClientSampleId :

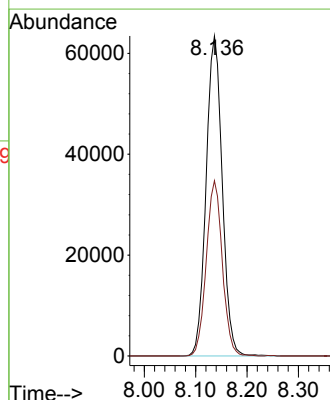
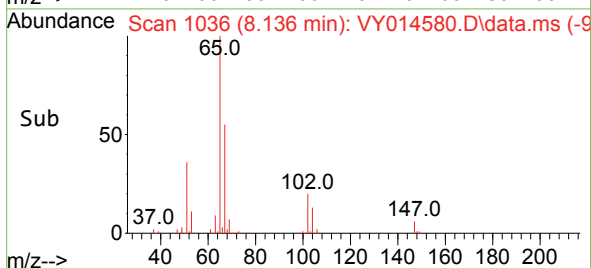
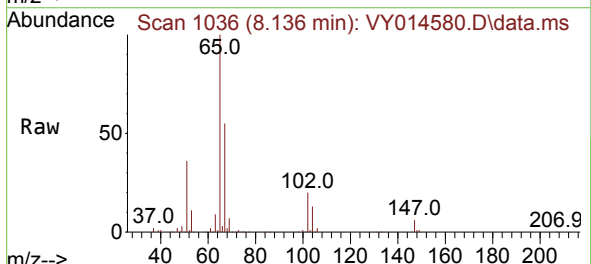


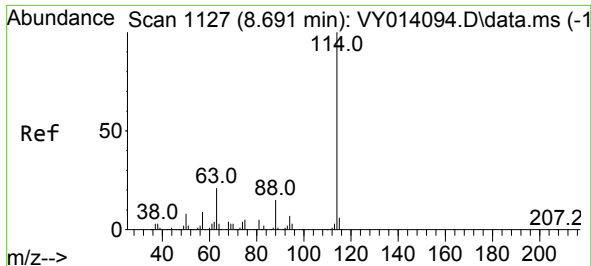
Tgt Ion: 56 Resp: 4055
Ion Ratio Lower Upper
56 100
69 195.0 27.8 41.6#
84 178.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 59.515 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

Tgt Ion: 65 Resp: 138191
Ion Ratio Lower Upper
65 100
67 54.5 0.0 101.8

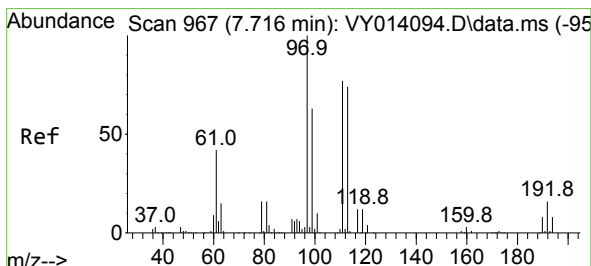
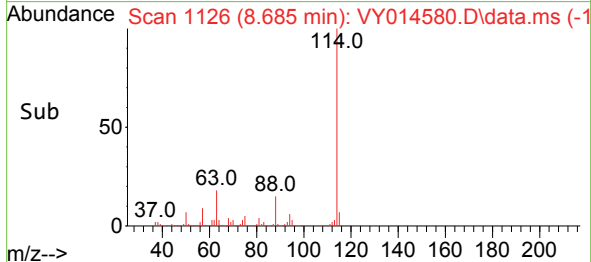
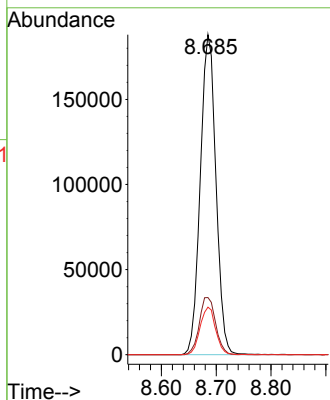
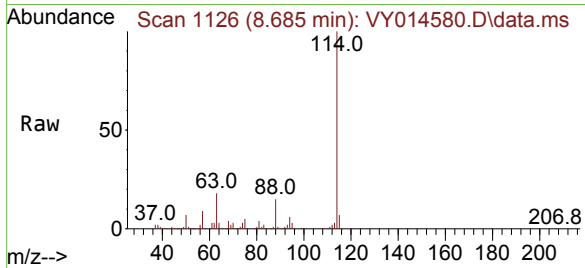




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

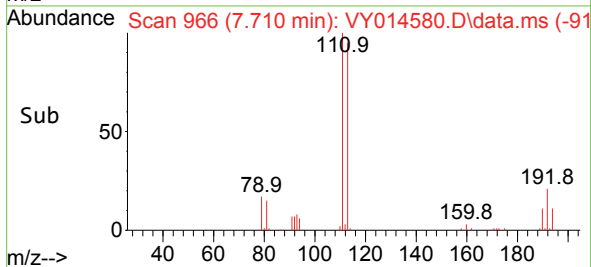
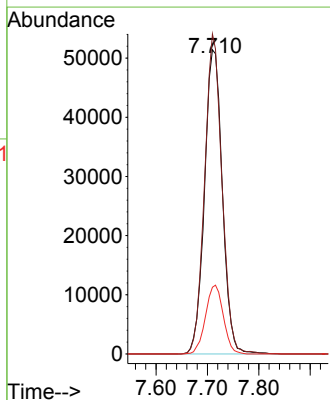
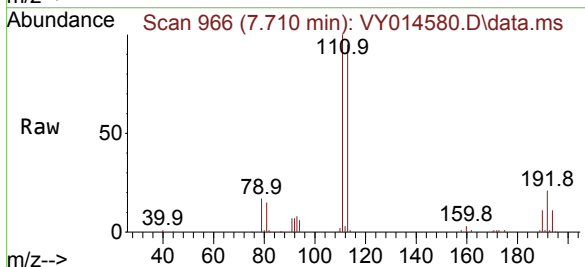
Instrument :
MSVOA_Y
ClientSampleId :

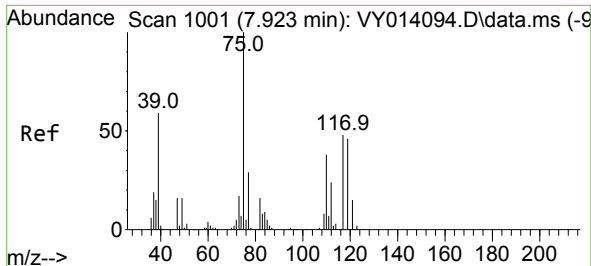
Tgt Ion:114 Resp: 372358
Ion Ratio Lower Upper
114 100
63 17.8 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.125 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

Tgt Ion:113 Resp: 124110
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 22.5 16.9 25.3

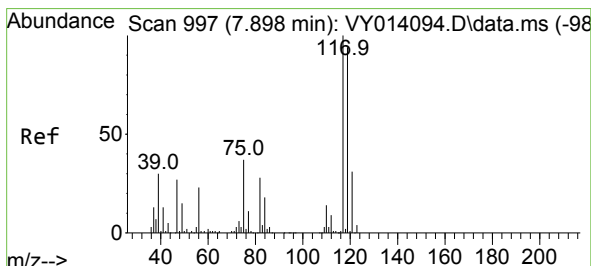
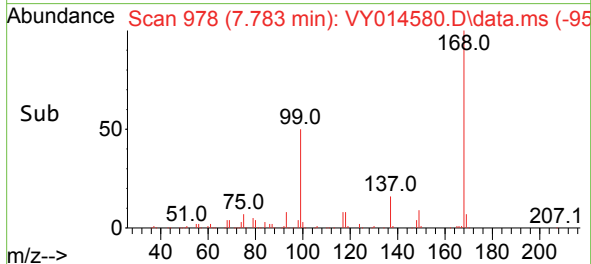
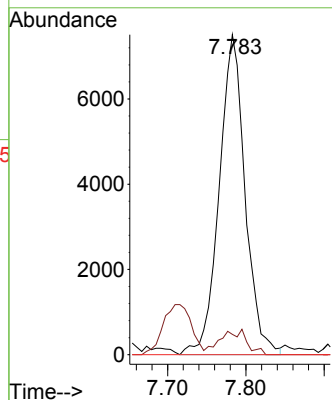
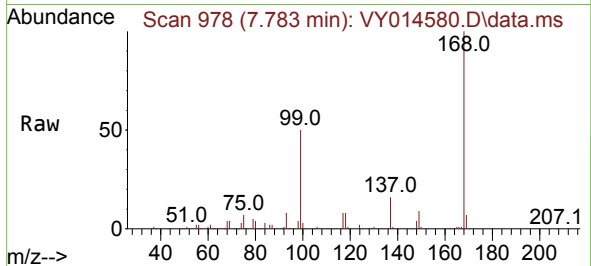




#36
1,1-Dichloropropene
Concen: 4.911 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

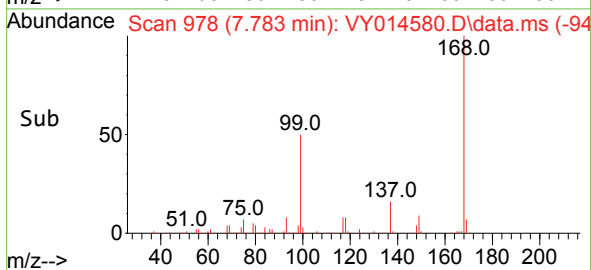
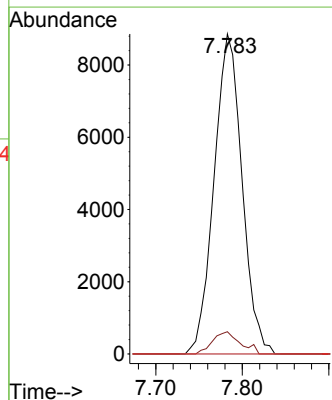
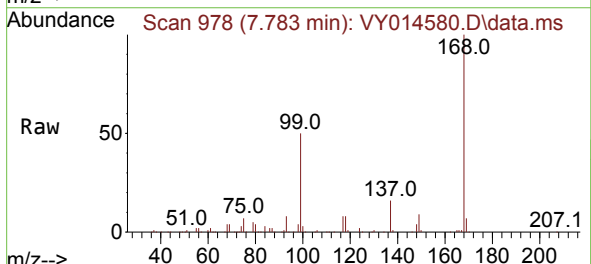
Instrument :
MSVOA_Y
ClientSampleId :

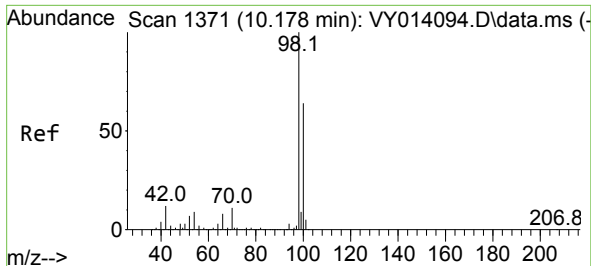
Tgt Ion: 75 Resp: 17245
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.424 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.115 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

Tgt Ion:117 Resp: 19882
Ion Ratio Lower Upper
117 100
119 7.0 76.4 114.6#
121 0.0 25.8 38.6#

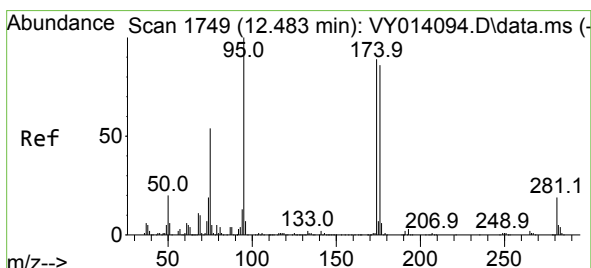
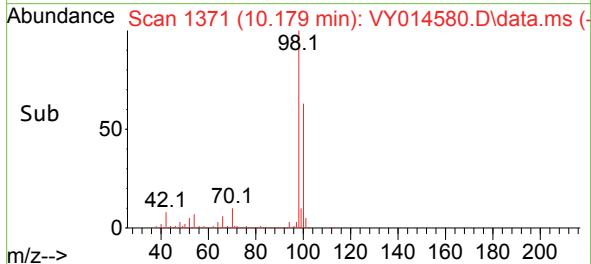
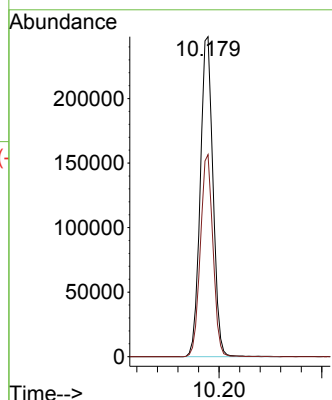
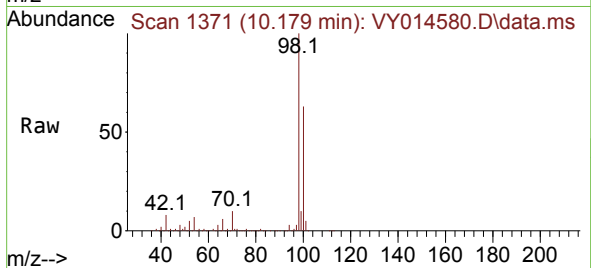




#50
Toluene-d8
Concen: 46.998 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

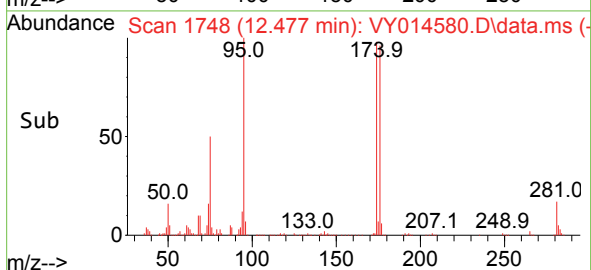
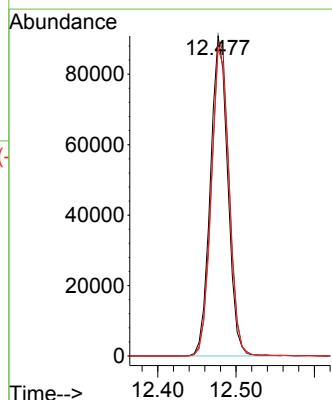
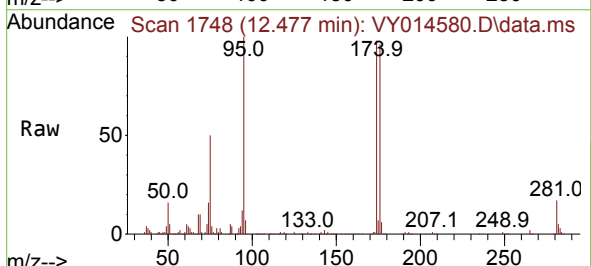
Instrument :
MSVOA_Y
ClientSampleId :

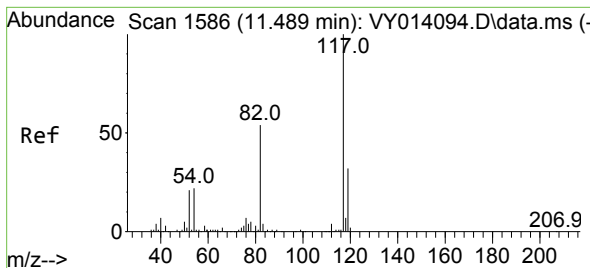
Tgt Ion: 98 Resp: 426015
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.498 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

Tgt Ion: 95 Resp: 140061
Ion Ratio Lower Upper
95 100
174 100.9 0.0 178.2
176 96.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

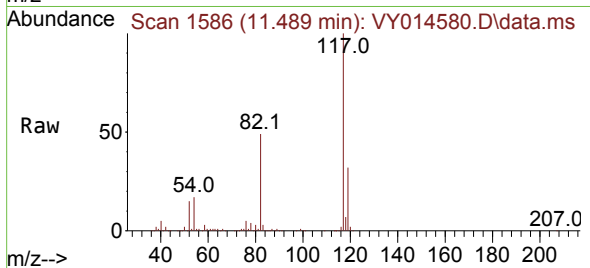
Lab File: VY014580.D

Acq: 06 Jul 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :



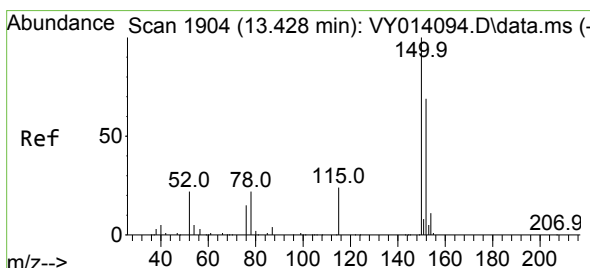
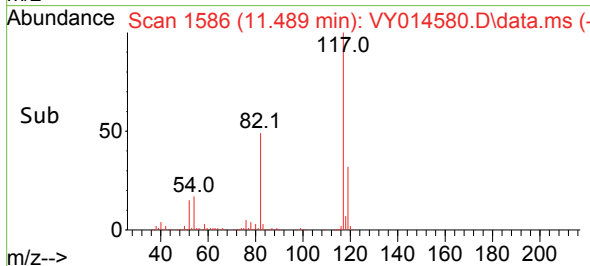
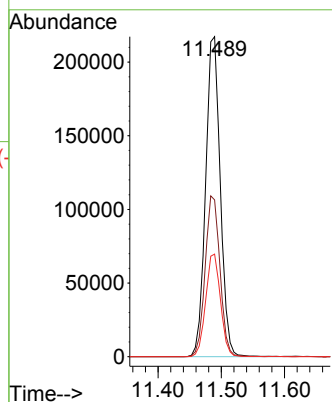
Tgt Ion:117 Resp: 350791

Ion Ratio Lower Upper

117 100

82 49.0 43.4 65.0

119 32.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014580.D

Acq: 06 Jul 2023 11:55

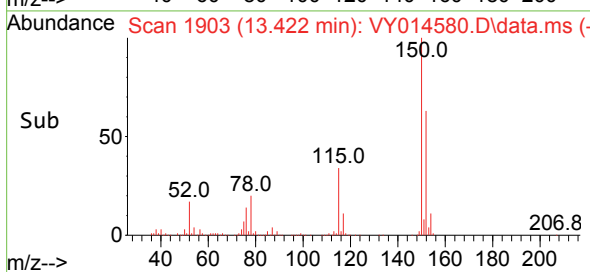
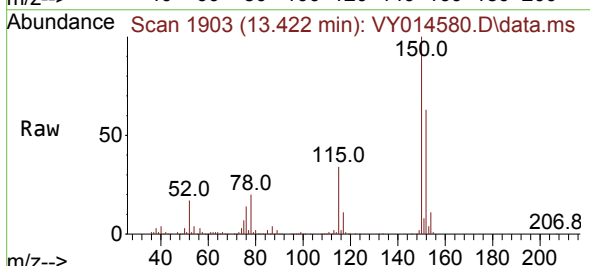
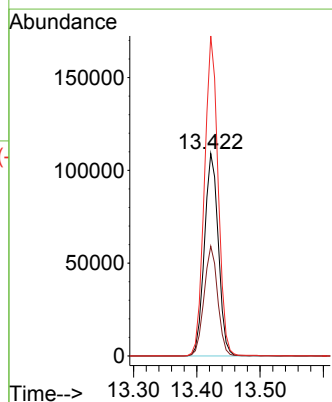
Tgt Ion:152 Resp: 167650

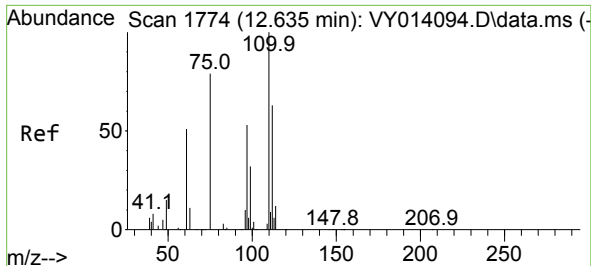
Ion Ratio Lower Upper

152 100

115 53.0 28.8 86.5

150 154.8 0.0 348.8

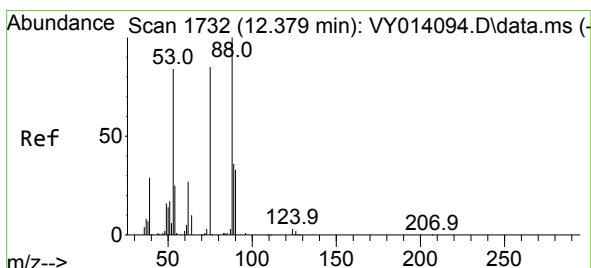
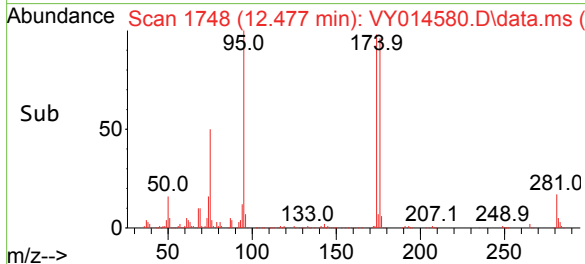
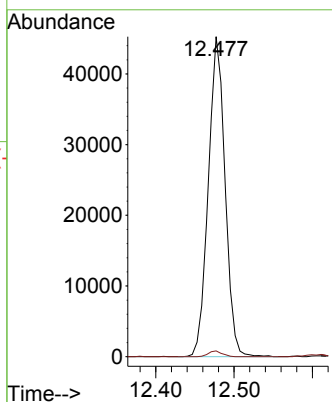
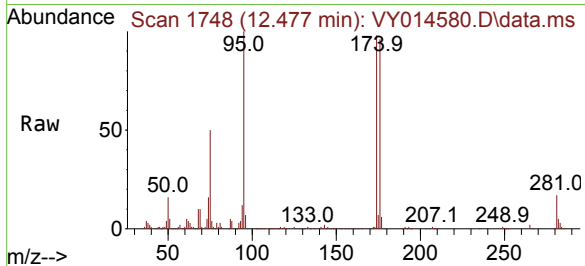




#76
1,2,3-Trichloropropane
Concen: 34.189 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 67260
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.546 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014580.D
Acq: 06 Jul 2023 11:55

Tgt Ion: 75 Resp: 67260
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.2 37.4 56.0#

