

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014532.D
 Acq On : 03 Jul 2023 13:55
 Operator : KP/MD
 Sample : VY0703SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBL01

Quant Time: Jul 04 02:59:13 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)

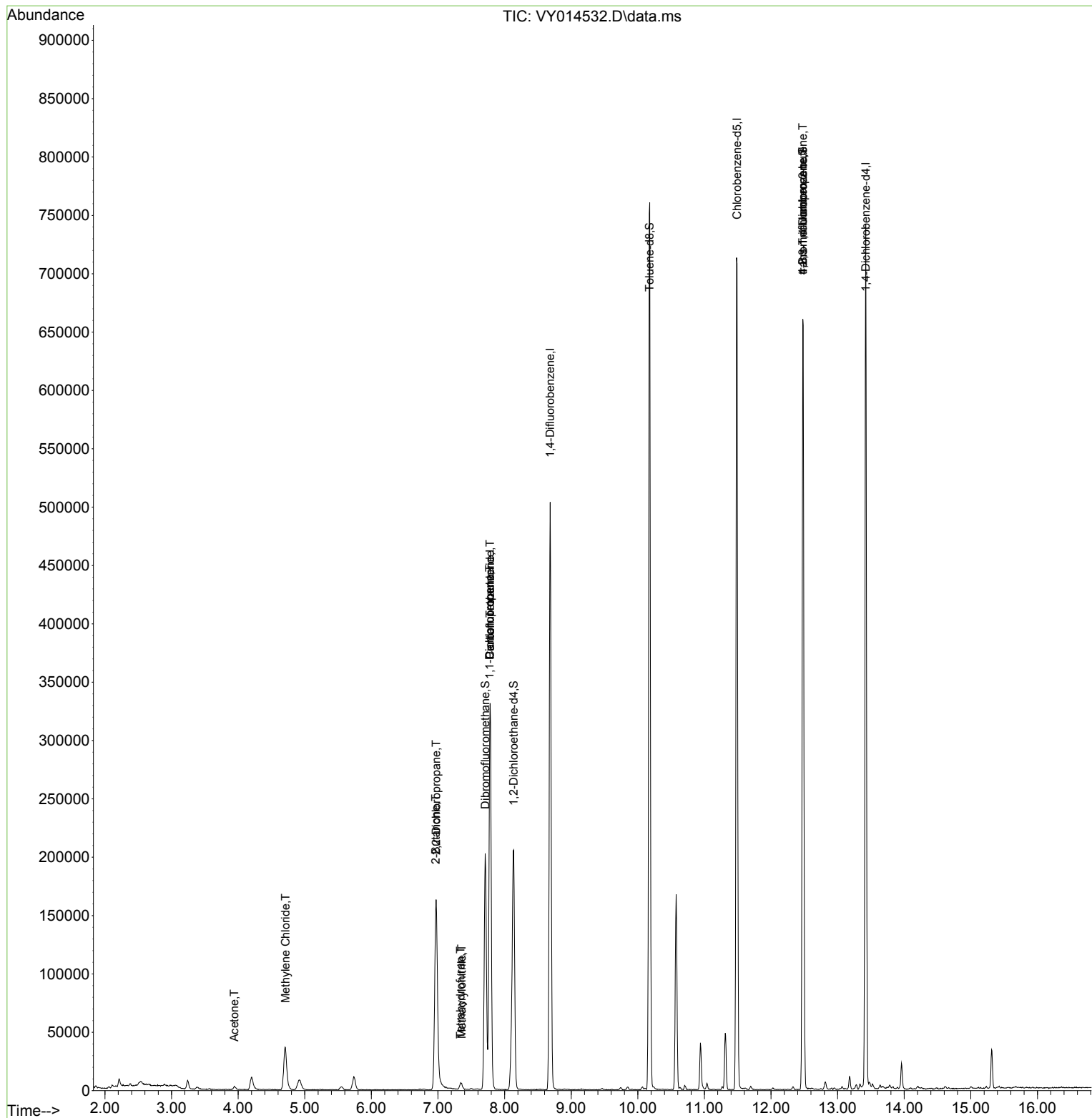
Internal Standards						
1) Pentafluorobenzene	7.783	168	292896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	457199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	441556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	207780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	149468	51.299	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.600%	
35) Dibromofluoromethane	7.710	113	144217	51.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.440%	
50) Toluene-d8	10.179	98	533693	47.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.900%	
62) 4-Bromofluorobenzene	12.477	95	177893	46.030	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.060%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	431	Below Cal	#	62
13) Acrolein	3.741	56	70	Below Cal	#	14
16) Acetone	3.942	43	4582	5.036	ug/l #	83
20) Methylene Chloride	4.710	84	30150	4.461	ug/l #	81
25) 2-Butanone	6.966	43	7314	5.429	ug/l #	81
26) 2,2-Dichloropropane	6.972	77	12160	2.663	ug/l #	54
29) Tetrahydrofuran	7.338	42	4552	5.238	ug/l #	84
36) 1,1-Dichloropropene	7.777	75	18002	4.175	ug/l #	49
38) Carbon Tetrachloride	7.783	117	25054	5.566	ug/l #	16
41) Methacrylonitrile	7.356	41	2530	1.751	ug/l #	38
76) 1,2,3-Trichloropropane	12.477	75	81951	33.611	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	81951	65.421	ug/l #	11

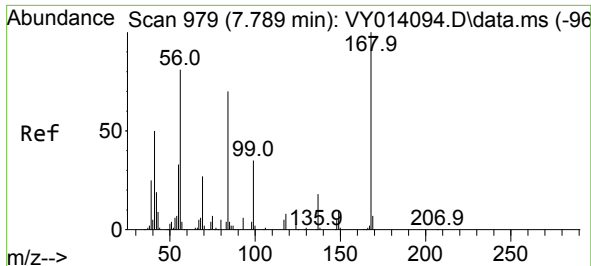
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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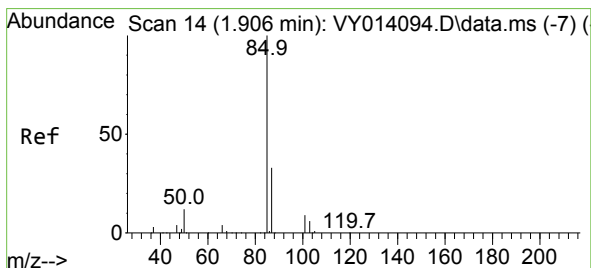
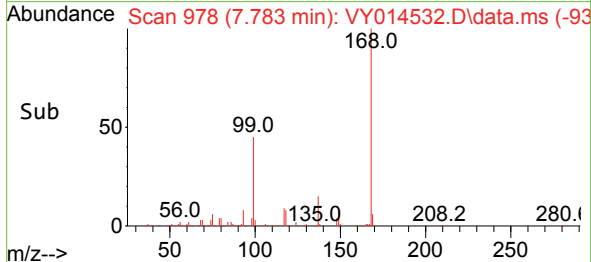
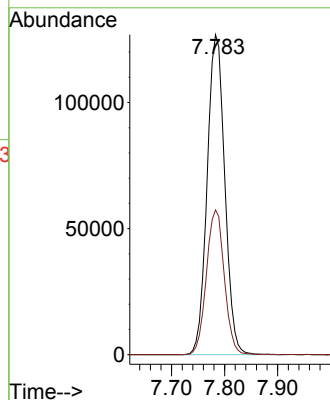
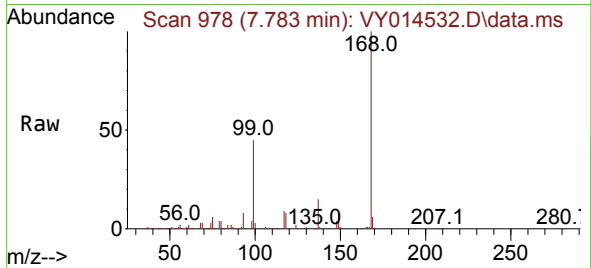




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014532.D
Acq: 03 Jul 2023 13:55

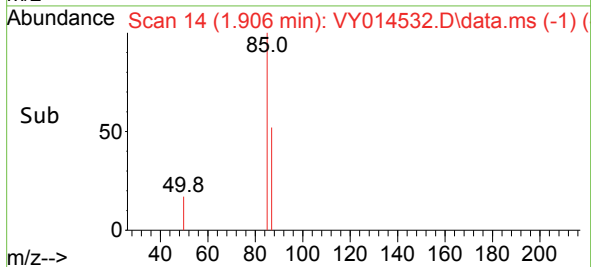
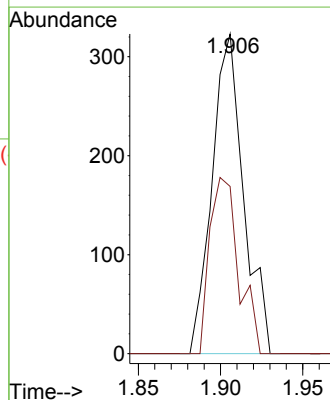
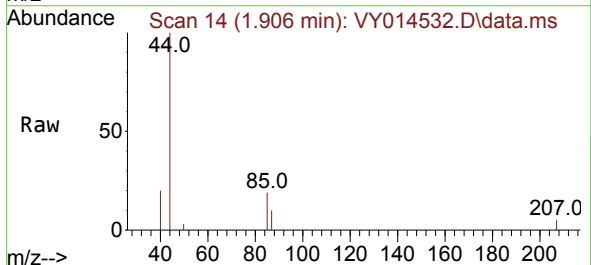
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBL01

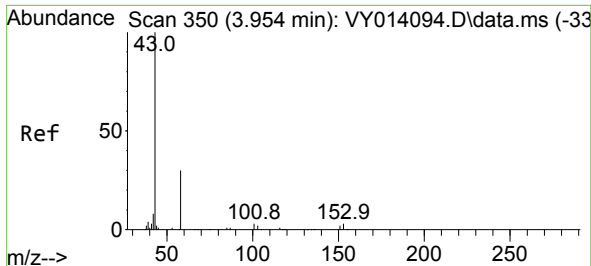
Tgt Ion:168 Resp: 292896
Ion Ratio Lower Upper
168 100
99 45.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014532.D
Acq: 03 Jul 2023 13:55

Tgt Ion: 85 Resp: 431
Ion Ratio Lower Upper
85 100
87 52.3 15.6 46.8#

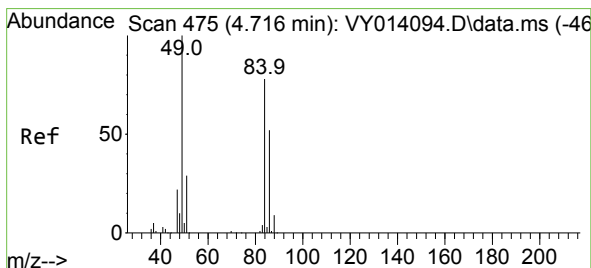
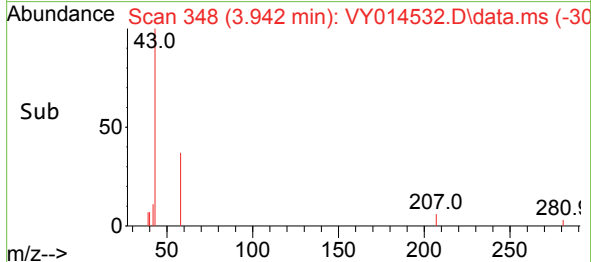
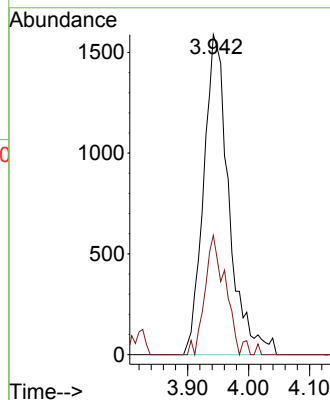
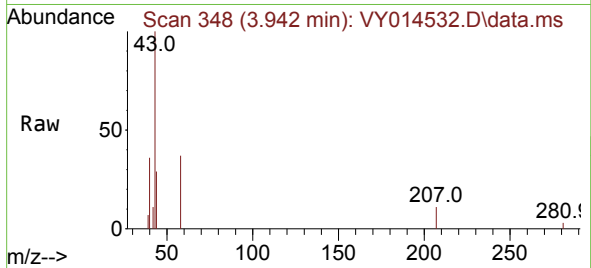




#16
Acetone
Concen: 5.036 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY014532.D
Acq: 03 Jul 2023 13:55

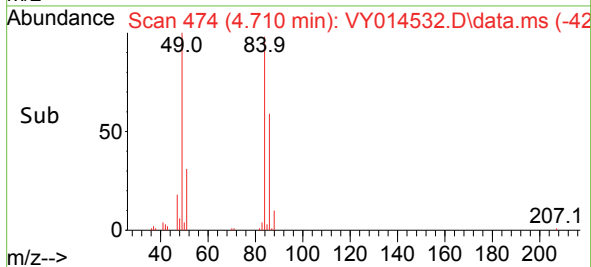
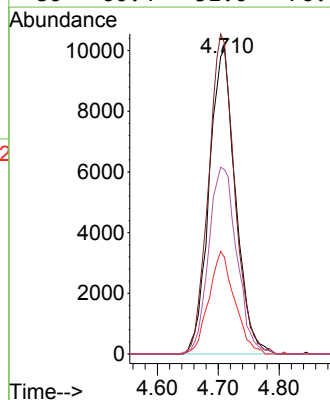
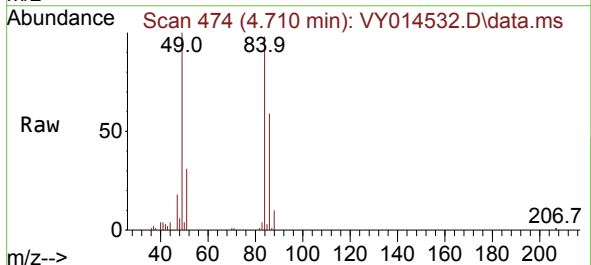
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBL01

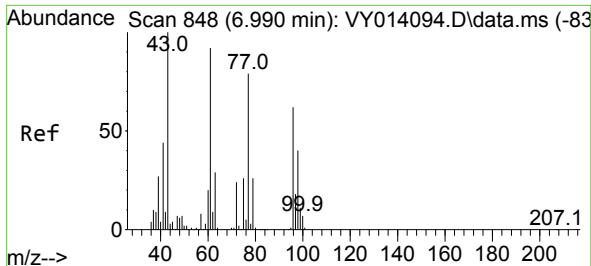
Tgt Ion: 43 Resp: 4582
Ion Ratio Lower Upper
43 100
58 37.3 22.7 34.1#



#20
Methylene Chloride
Concen: 4.461 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014532.D
Acq: 03 Jul 2023 13:55

Tgt Ion: 84 Resp: 30150
Ion Ratio Lower Upper
84 100
49 101.9 106.9 160.3#
51 31.6 33.2 49.8#
86 60.4 51.0 76.6

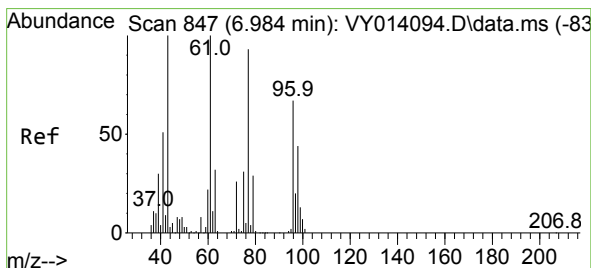
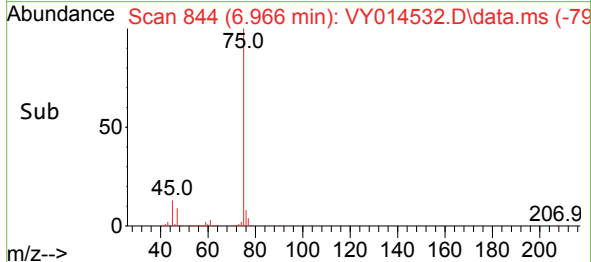
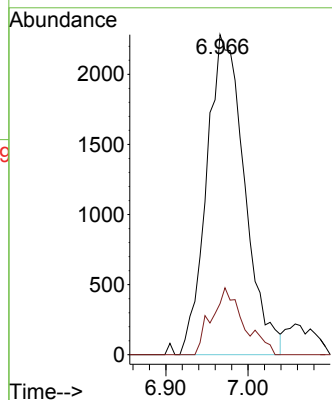
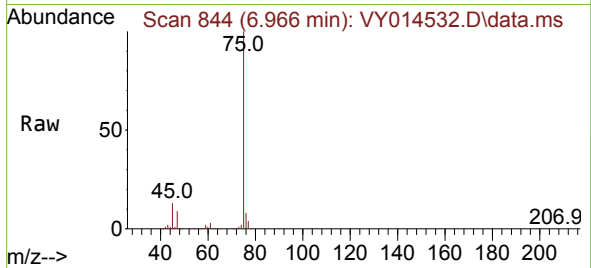




#25
2-Butanone
Concen: 5.429 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.024 min
Lab File: VY014532.D
Acq: 03 Jul 2023 13:55

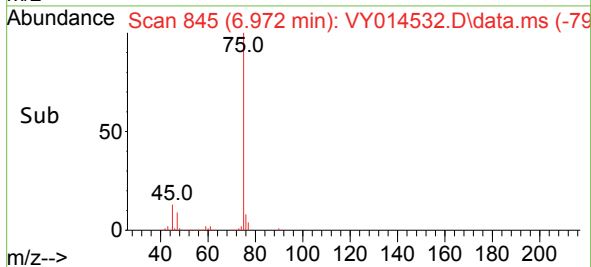
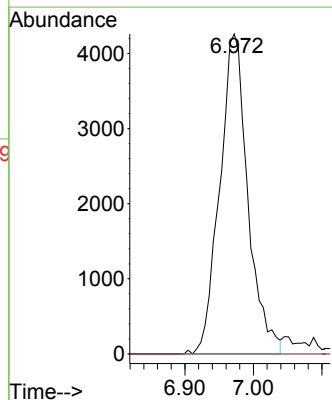
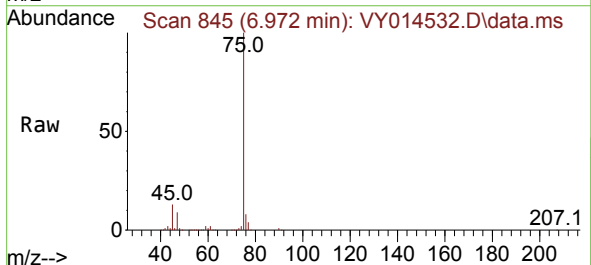
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBL01

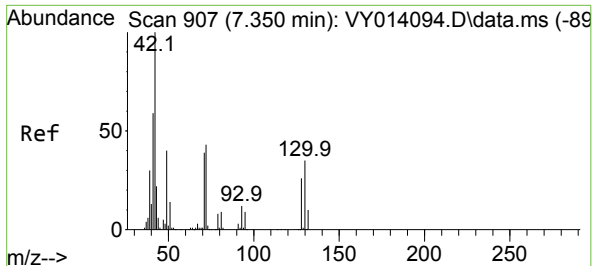
Tgt Ion: 43 Resp: 7314
Ion Ratio Lower Upper
43 100
72 16.0 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 2.663 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY014532.D
Acq: 03 Jul 2023 13:55

Tgt Ion: 77 Resp: 12160
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#





#29

Tetrahydrofuran

Concen: 5.238 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY014532.D

Acq: 03 Jul 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBL01

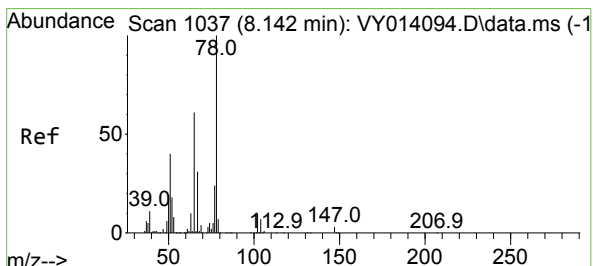
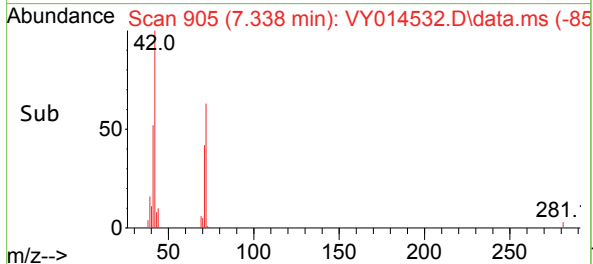
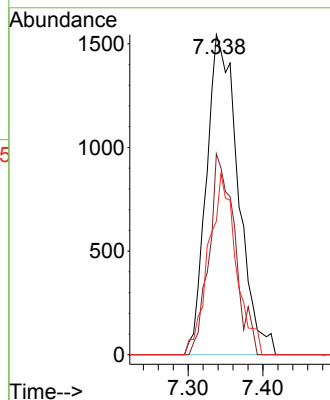
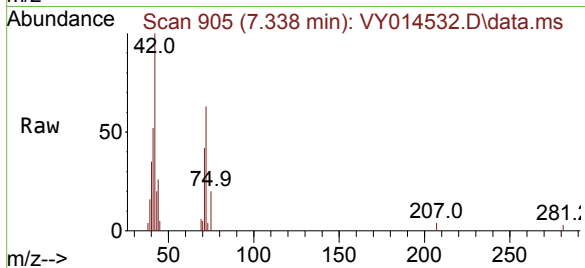
Tgt Ion: 42 Resp: 4552

Ion Ratio Lower Upper

42 100

72 50.6 32.8 49.2#

71 49.2 31.0 46.4#



#33

1,2-Dichloroethane-d4

Concen: 51.299 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014532.D

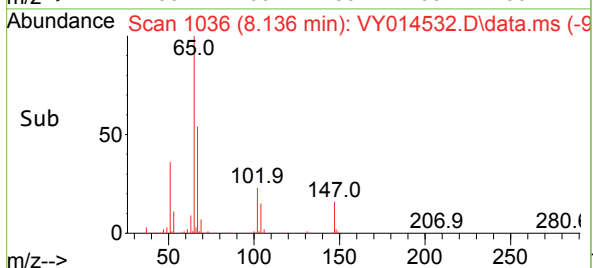
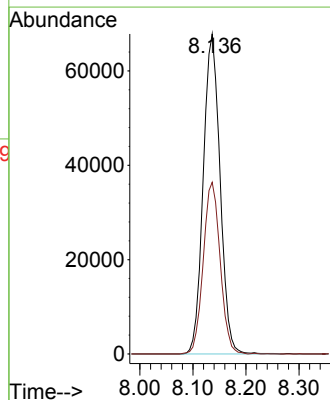
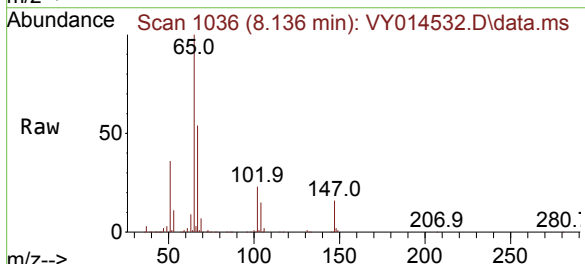
Acq: 03 Jul 2023 13:55

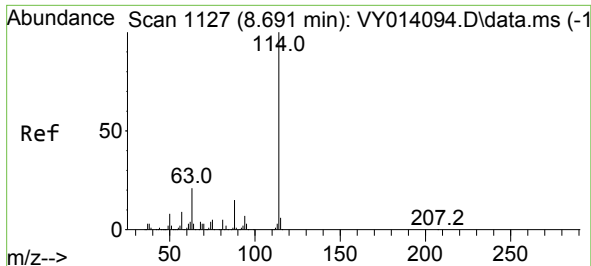
Tgt Ion: 65 Resp: 149468

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014532.D

Acq: 03 Jul 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBL01

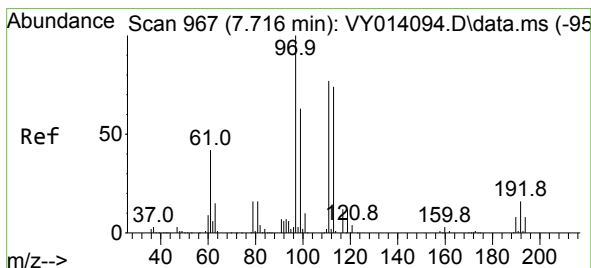
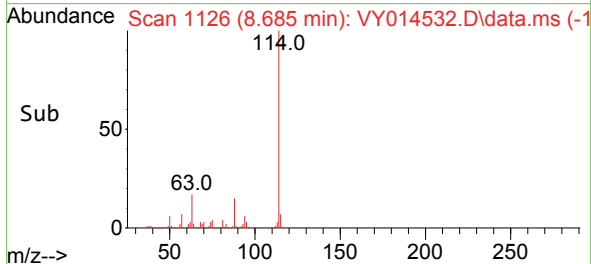
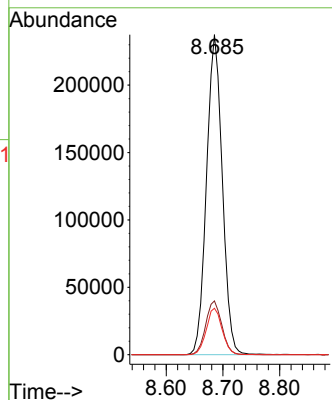
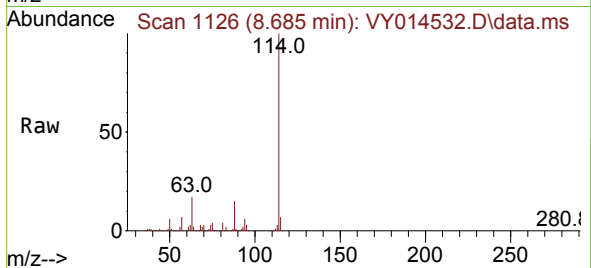
Tgt Ion:114 Resp: 457199

Ion Ratio Lower Upper

114 100

63 16.8 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.223 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014532.D

Acq: 03 Jul 2023 13:55

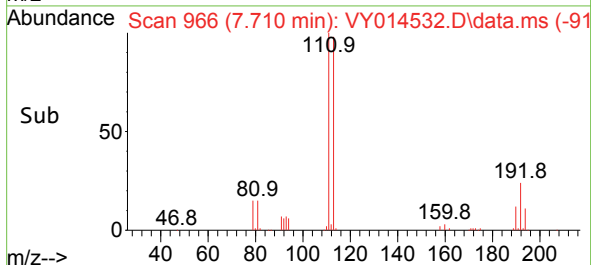
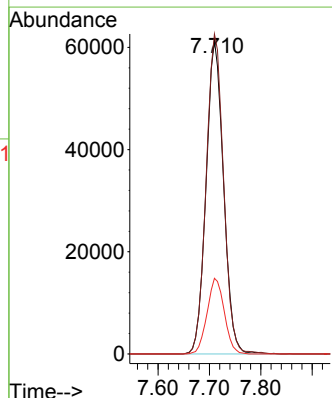
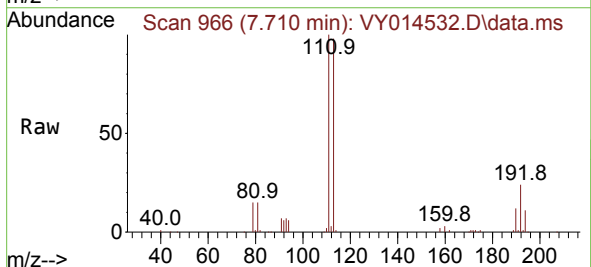
Tgt Ion:113 Resp: 144217

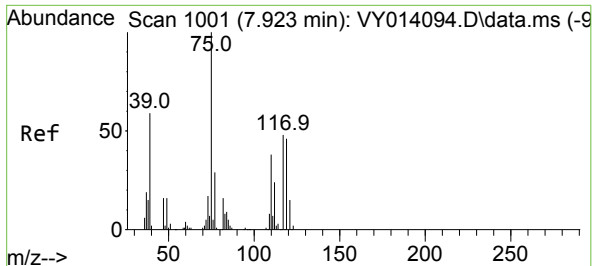
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 23.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.175 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.146 min

Lab File: VY014532.D

Acq: 03 Jul 2023 13:55

Instrument :

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ClientSampleId :

VY0703SBL01

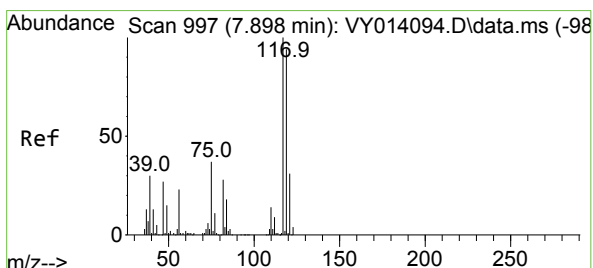
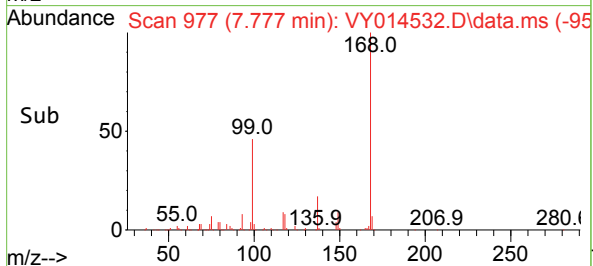
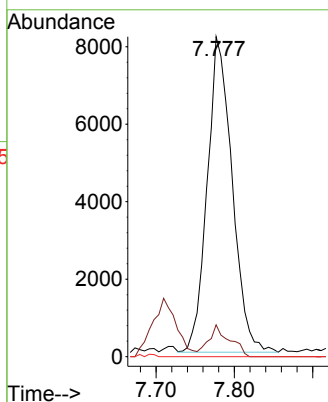
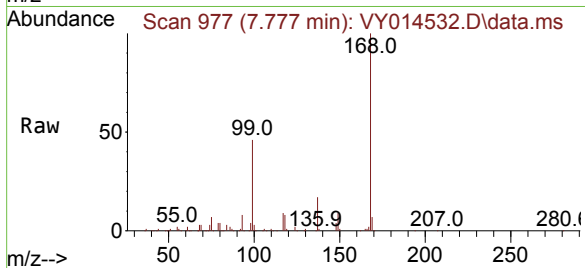
Tgt Ion: 75 Resp: 18002

Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.566 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.115 min

Lab File: VY014532.D

Acq: 03 Jul 2023 13:55

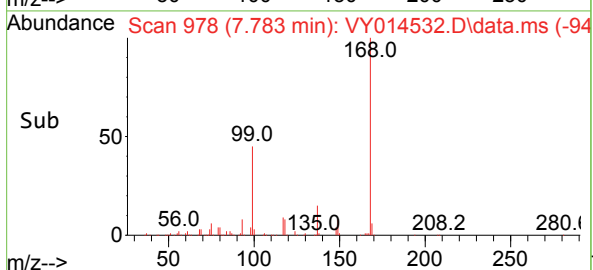
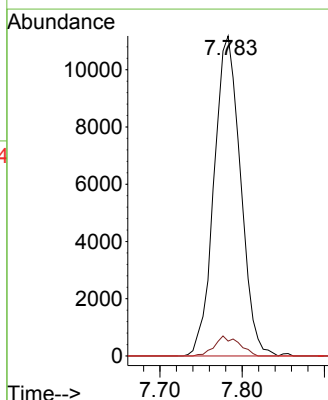
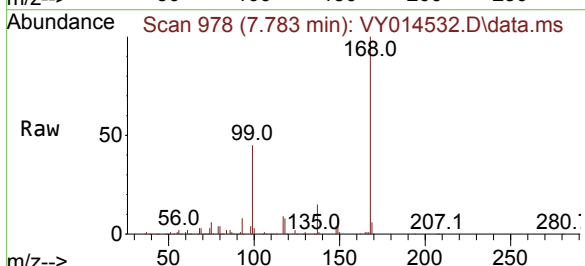
Tgt Ion: 117 Resp: 25054

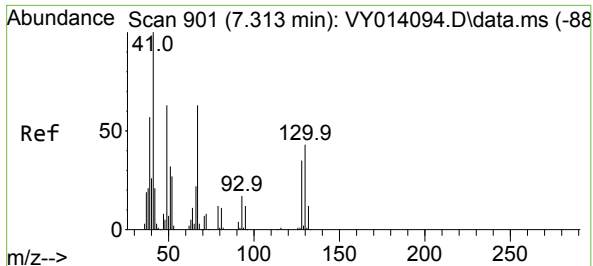
Ion Ratio Lower Upper

117 100

119 4.7 76.4 114.6#

121 0.0 25.8 38.6#

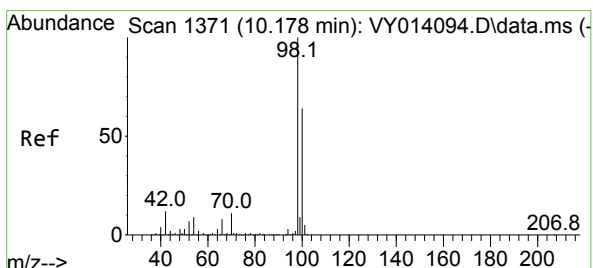
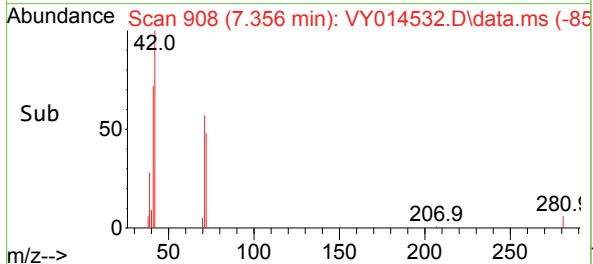
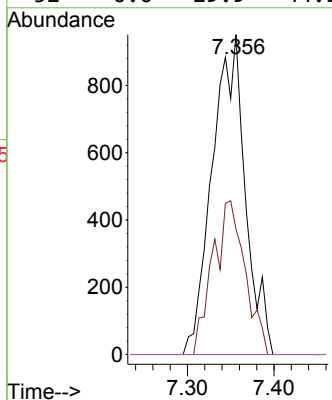
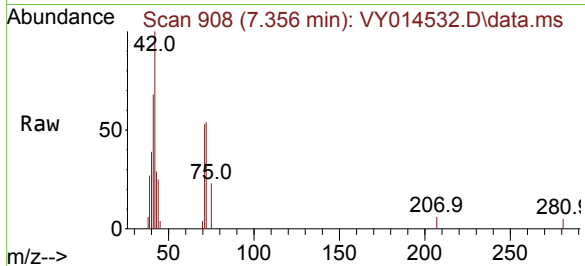




#41
Methacrylonitrile
Concen: 1.751 ug/l
RT: 7.356 min Scan# 901
Delta R.T. 0.043 min
Lab File: VY014532.D
Acq: 03 Jul 2023 13:55

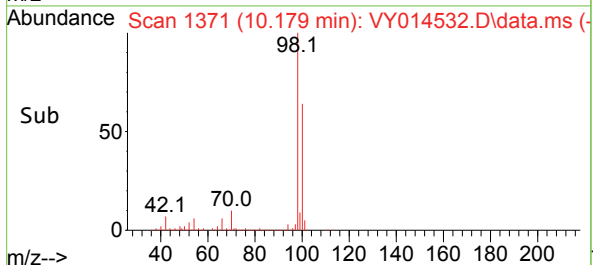
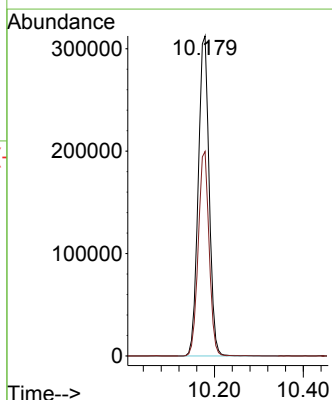
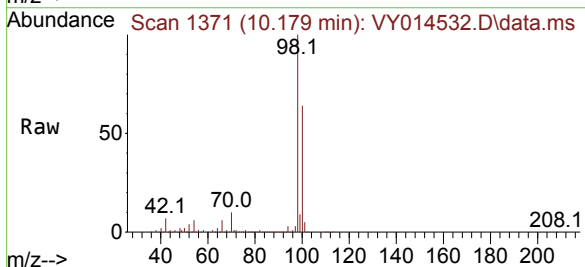
Instrument :
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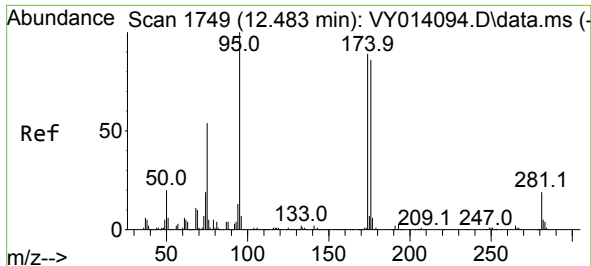
Tgt Ion: 41	Resp: 2530
Ion Ratio	Lower Upper
41 100	
39 46.8	52.1 78.1#
67 0.0	66.2 99.2#
52 0.0	29.9 44.9#



#50
Toluene-d8
Concen: 47.952 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014532.D
Acq: 03 Jul 2023 13:55

Tgt Ion: 98	Resp: 533693
Ion Ratio	Lower Upper
98 100	
100 63.5	50.1 75.1

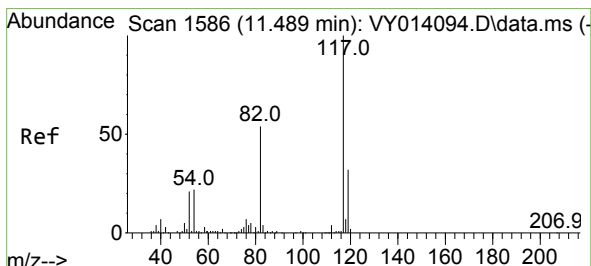
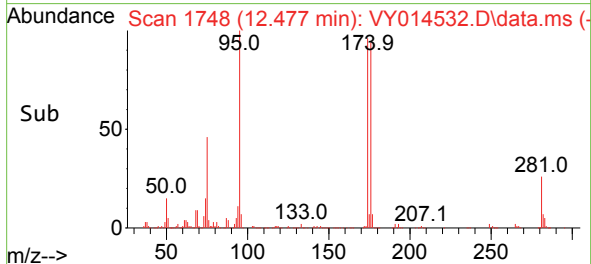
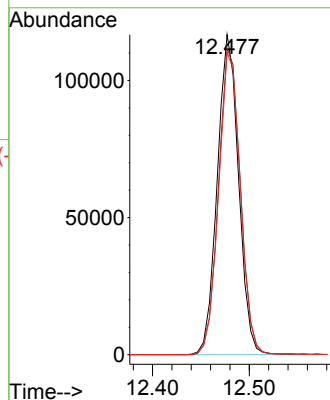
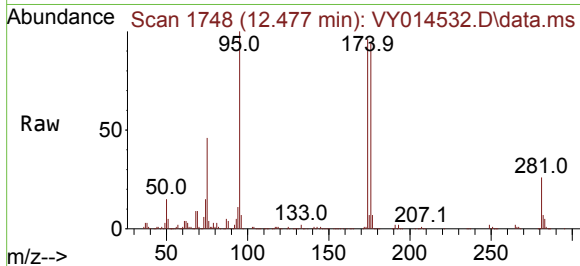




#62
4-Bromofluorobenzene
Concen: 46.030 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014532.D
Acq: 03 Jul 2023 13:55

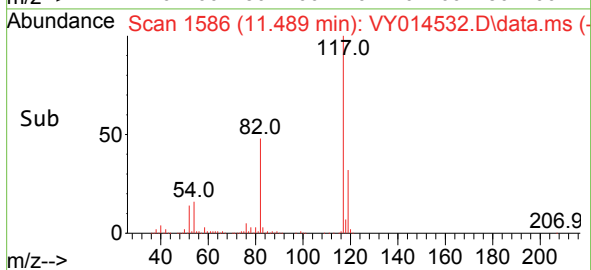
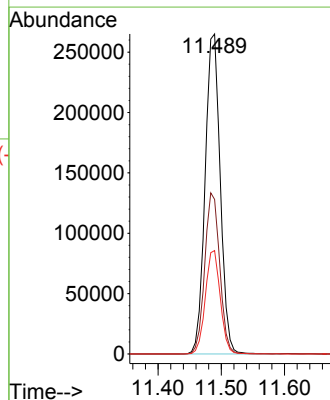
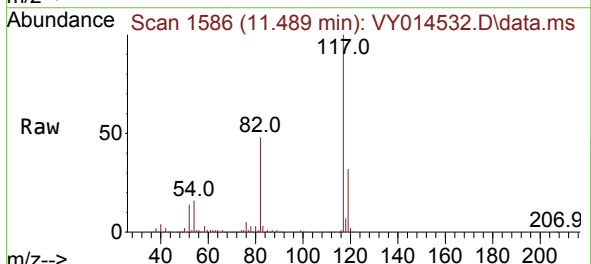
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBL01

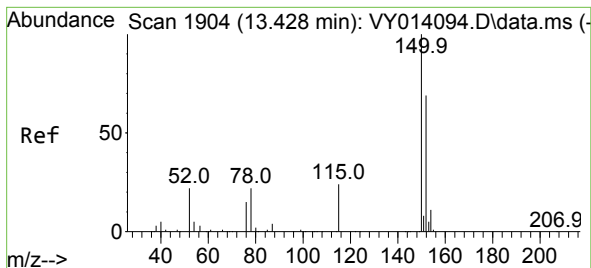
Tgt Ion: 95 Resp: 177893
Ion Ratio Lower Upper
95 100
174 98.1 0.0 178.2
176 96.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014532.D
Acq: 03 Jul 2023 13:55

Tgt Ion: 117 Resp: 441556
Ion Ratio Lower Upper
117 100
82 48.3 43.4 65.0
119 32.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY014532.D

Acq: 03 Jul 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBL01

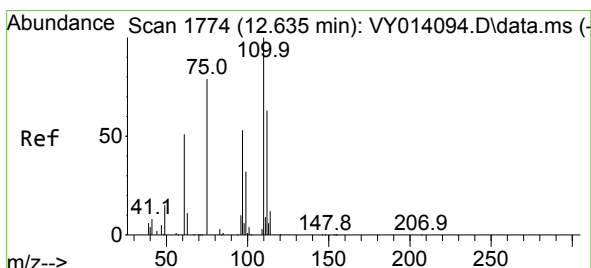
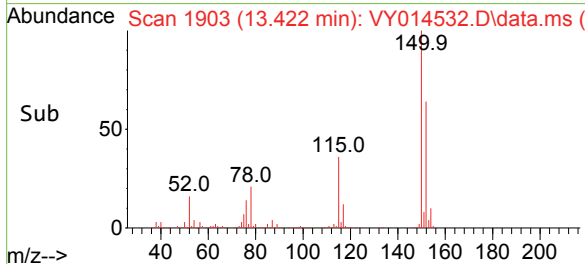
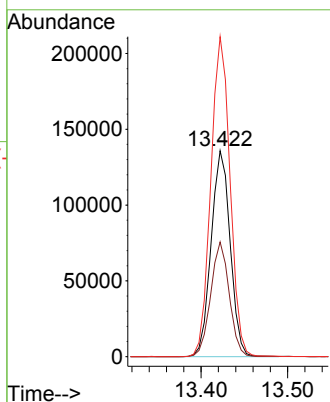
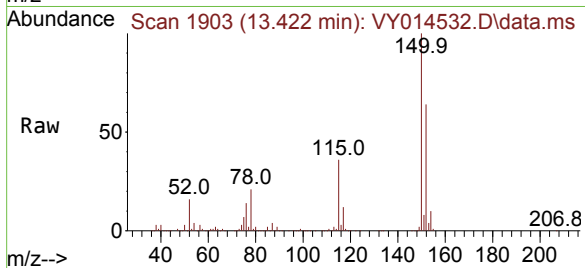
Tgt Ion:152 Resp: 207780

Ion Ratio Lower Upper

152 100

115 54.3 28.8 86.5

150 156.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 33.611 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY014532.D

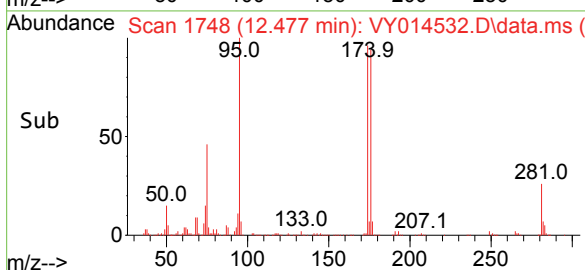
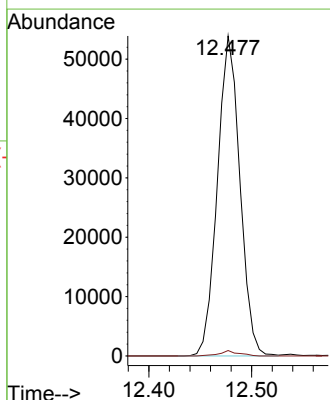
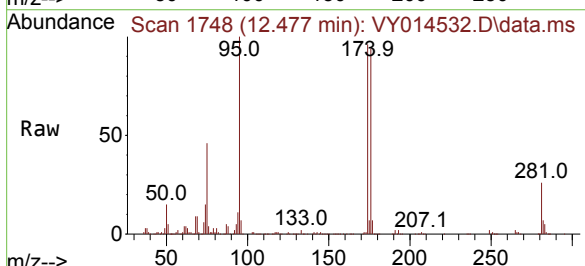
Acq: 03 Jul 2023 13:55

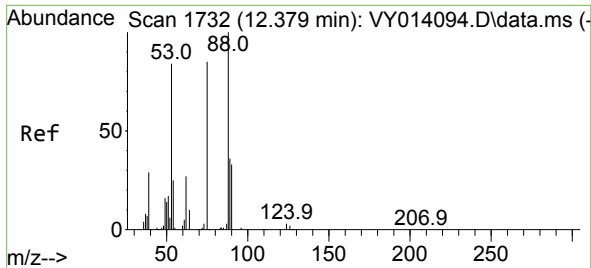
Tgt Ion: 75 Resp: 81951

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.421 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014532.D
 Acq: 03 Jul 2023 13:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBL01

Tgt Ion: 75 Resp: 81951
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 0.5 37.4 56.0#

