

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014172.D
 Acq On : 14 Jun 2023 22:31
 Operator : KP/MD
 Sample : 03224-10
 Misc : 8.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-10-GRAB-6

Quant Time: Jun 15 01:49:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

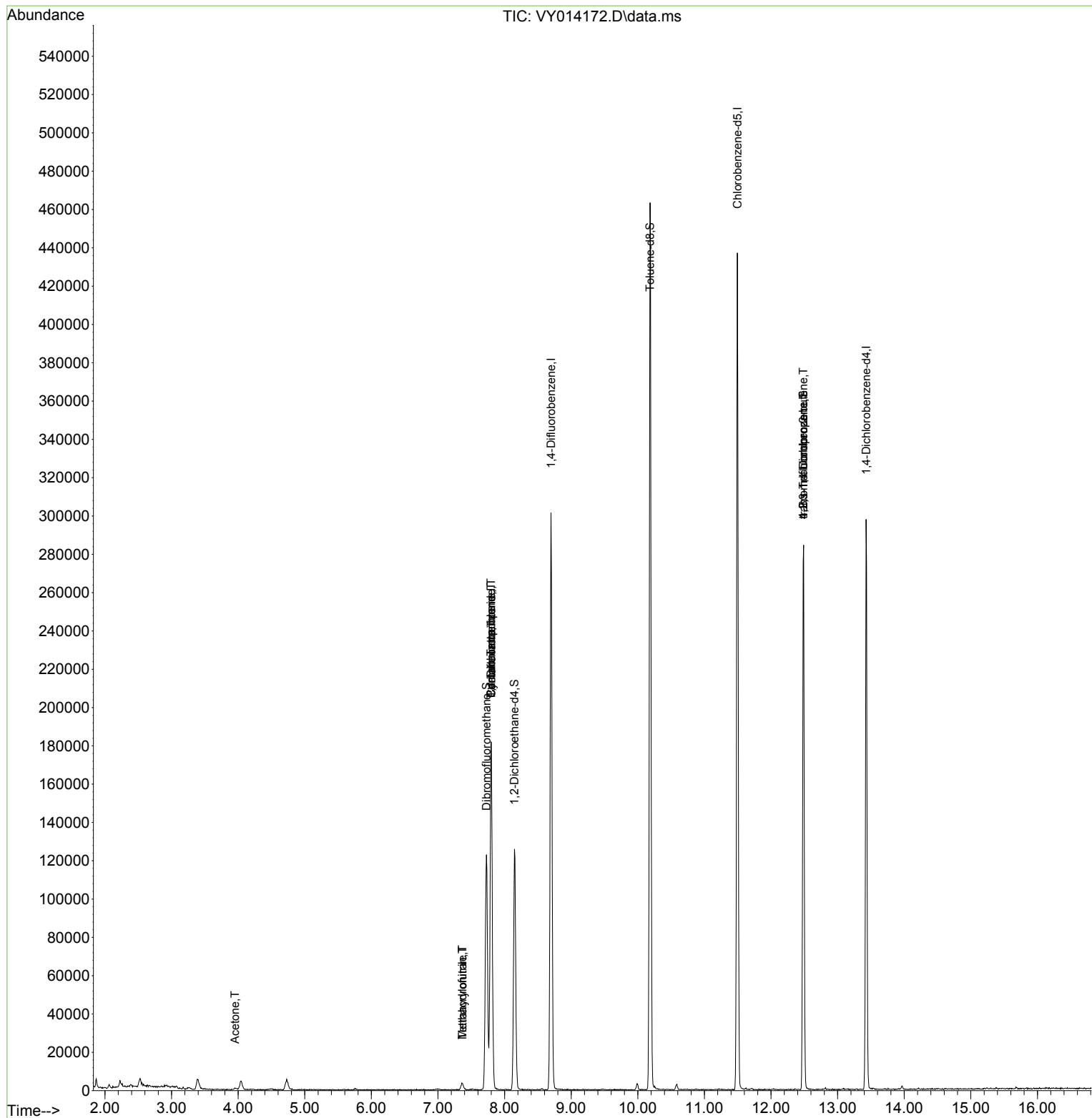
Internal Standards						
1) Pentafluorobenzene	7.801	168	142152	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	242712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	227870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	103653	52.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.720%	
35) Dibromofluoromethane	7.728	113	84470	49.075	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.140%	
50) Toluene-d8	10.185	98	296506	46.076	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.160%	
62) 4-Bromofluorobenzene	12.483	95	82110	35.920	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	147	Below Cal	#	89
16) Acetone	3.954	43	1494	2.504	ug/l #	46
20) Methylene Chloride	4.729	84	3710	Below Cal		92
29) Tetrahydrofuran	7.368	42	2849	6.117	ug/l #	86
31) Cyclohexane	7.801	56	3551	1.339	ug/l #	52
36) 1,1-Dichloropropene	7.795	75	10848	4.043	ug/l #	51
38) Carbon Tetrachloride	7.795	117	14335	4.629	ug/l #	14
41) Methacrylonitrile	7.368	41	1573	1.665	ug/l #	42
76) 1,2,3-Trichloropropane	12.483	75	44942	45.285	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44942	97.888	ug/l #	11

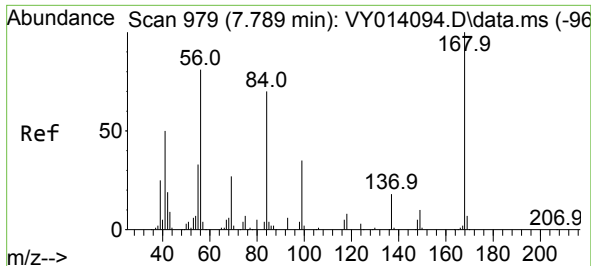
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
Data File : VY014172.D
Acq On : 14 Jun 2023 22:31
Operator : KP/MD
Sample : 03224-10
Misc : 8.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-10-GRAB-6

Quant Time: Jun 15 01:49:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

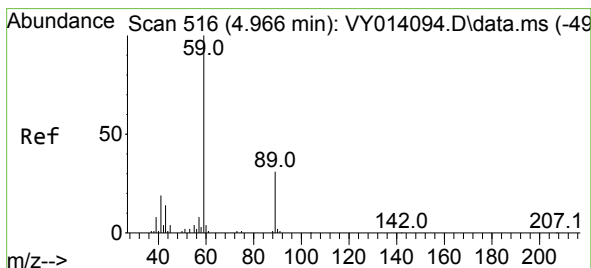
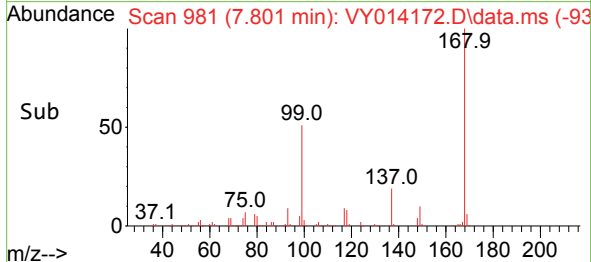
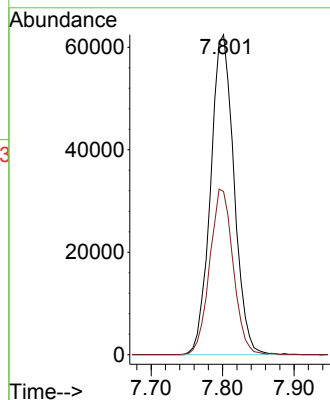
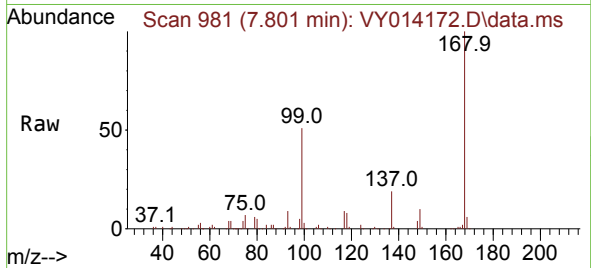




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 99
Delta R.T. 0.012 min
Lab File: VY014172.D
Acq: 14 Jun 2023 22:31

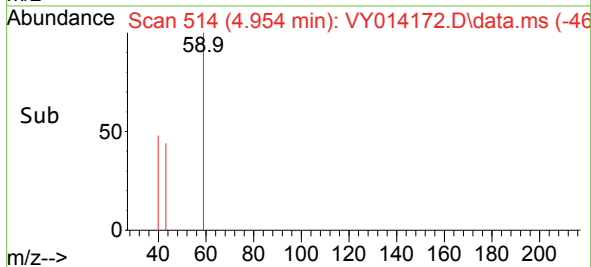
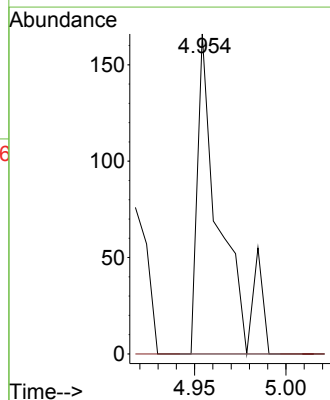
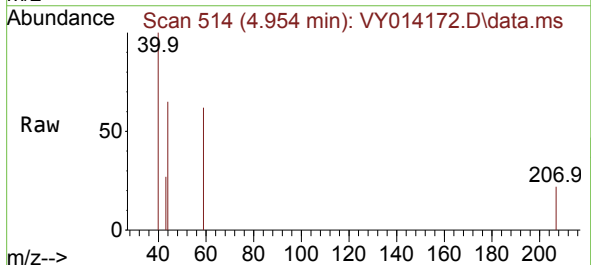
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-10-GRAB-6

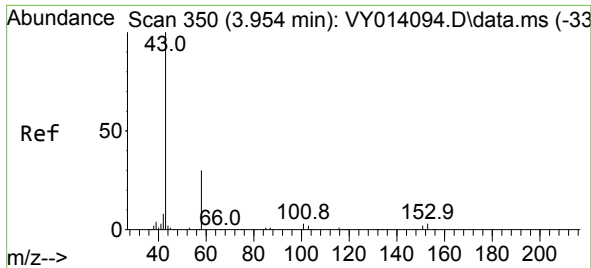
Tgt Ion:168 Resp: 142152
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY014172.D
Acq: 14 Jun 2023 22:31

Tgt Ion: 59 Resp: 147
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 2.504 ug/l

RT: 3.954 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY014172.D

Acq: 14 Jun 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

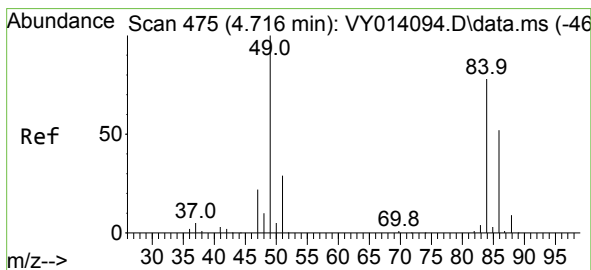
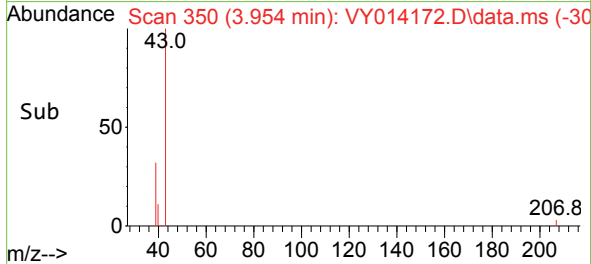
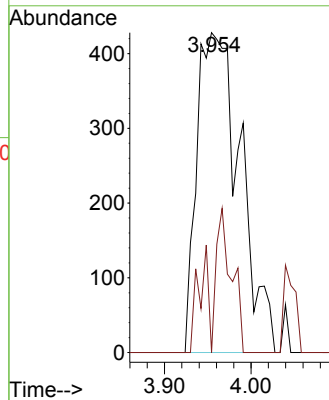
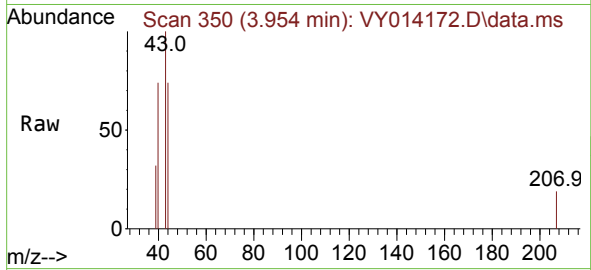
TOTAL-VOC-SB-10-GRAB-6

Tgt Ion: 43 Resp: 1494

Ion Ratio Lower Upper

43 100

58 0.0 22.7 34.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.729 min Scan# 477

Delta R.T. 0.013 min

Lab File: VY014172.D

Acq: 14 Jun 2023 22:31

Tgt Ion: 84 Resp: 3710

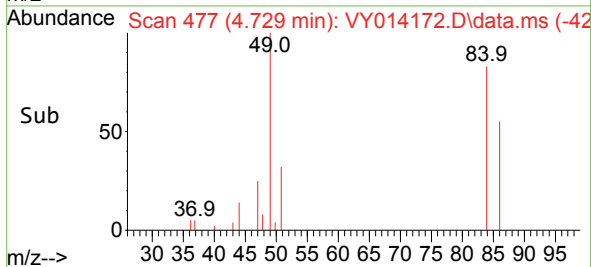
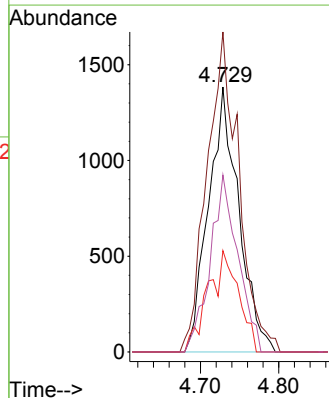
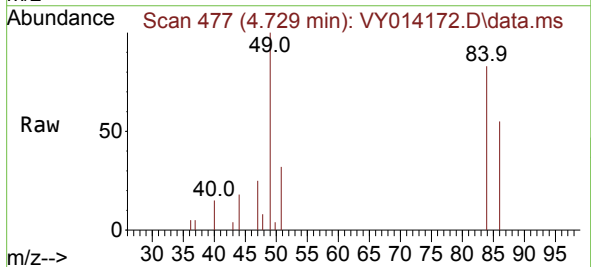
Ion Ratio Lower Upper

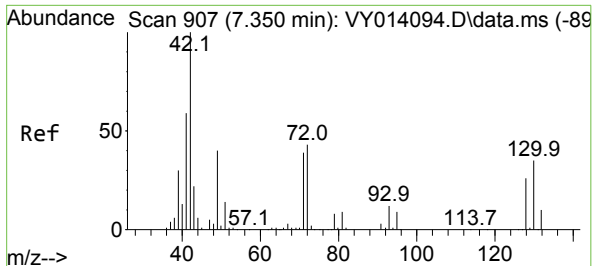
84 100

49 120.7 106.9 160.3

51 38.2 33.2 49.8

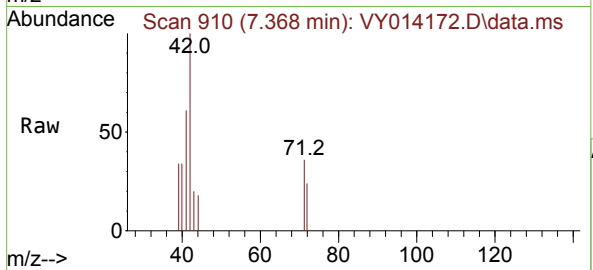
86 66.8 51.0 76.6



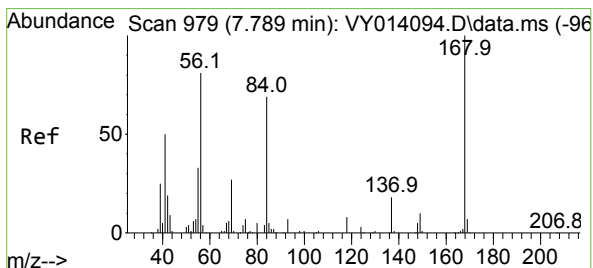
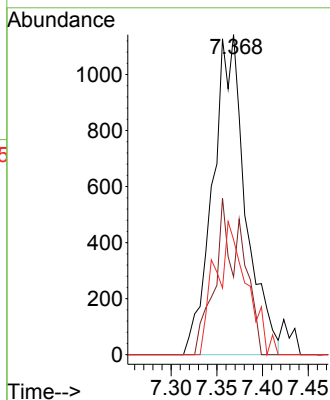
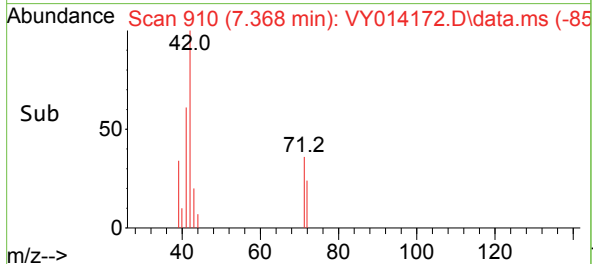


#29
Tetrahydrofuran
Concen: 6.117 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.018 min
Lab File: VY014172.D
Acq: 14 Jun 2023 22:31

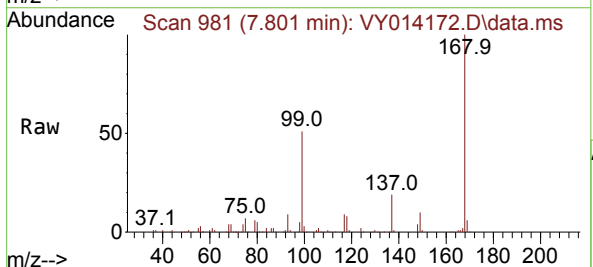
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-10-GRAB-6



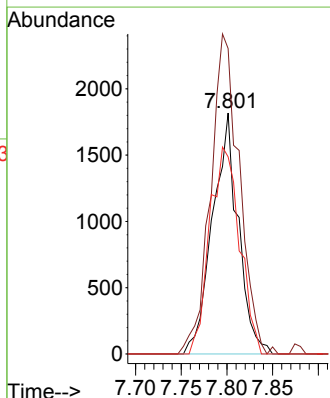
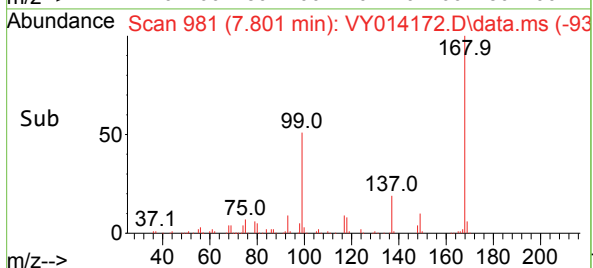
Tgt Ion: 42 Resp: 2849
Ion Ratio Lower Upper
42 100
72 24.6 32.8 49.2#
71 39.7 31.0 46.4

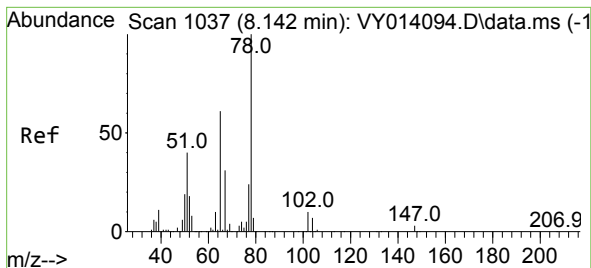


#31
Cyclohexane
Concen: 1.339 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY014172.D
Acq: 14 Jun 2023 22:31



Tgt Ion: 56 Resp: 3551
Ion Ratio Lower Upper
56 100
69 126.7 27.8 41.6#
84 81.8 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 52.364 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY014172.D

Acq: 14 Jun 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

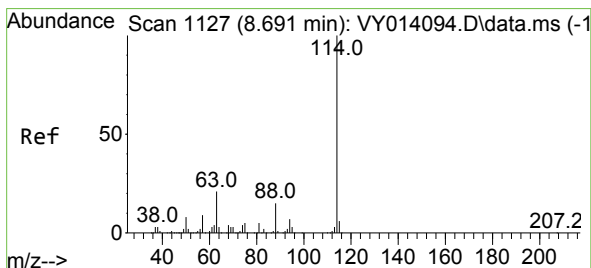
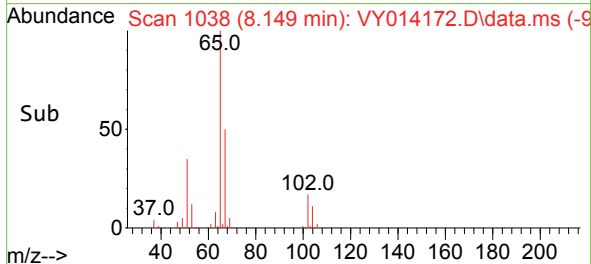
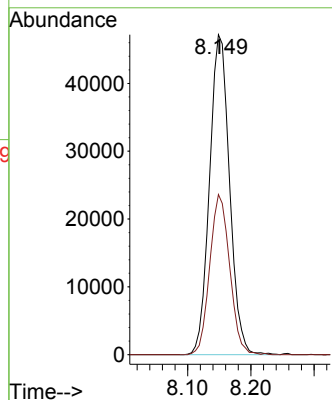
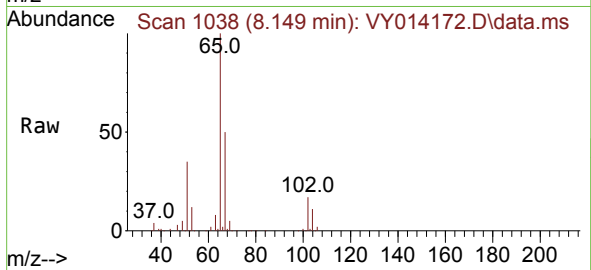
TOTAL-VOC-SB-10-GRAB-6

Tgt Ion: 65 Resp: 103653

Ion Ratio Lower Upper

65 100

67 49.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014172.D

Acq: 14 Jun 2023 22:31

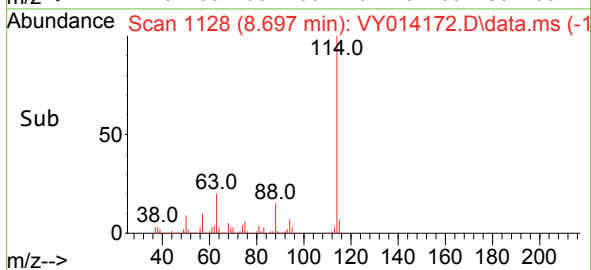
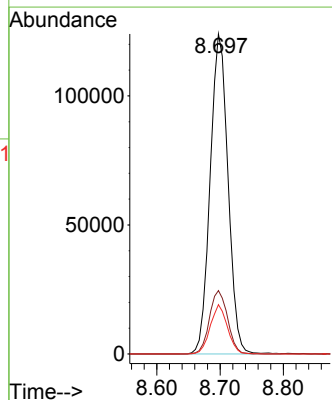
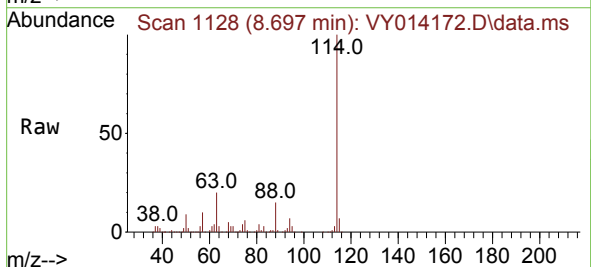
Tgt Ion: 114 Resp: 242712

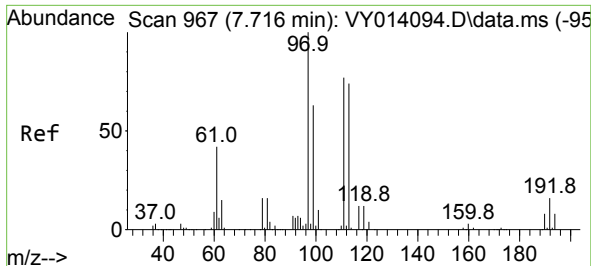
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.4 0.0 30.6

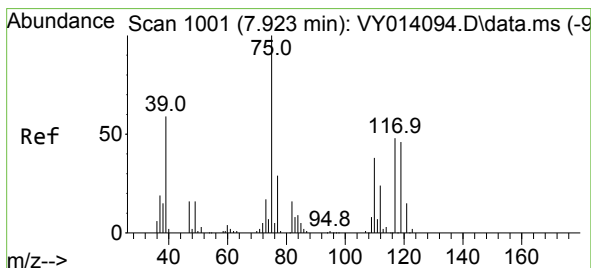
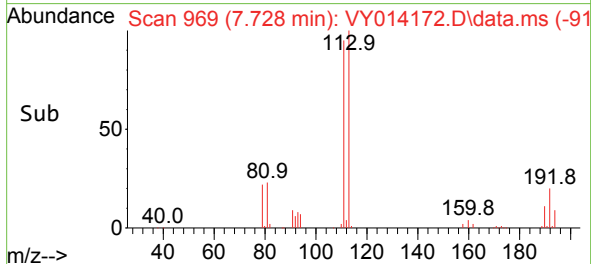
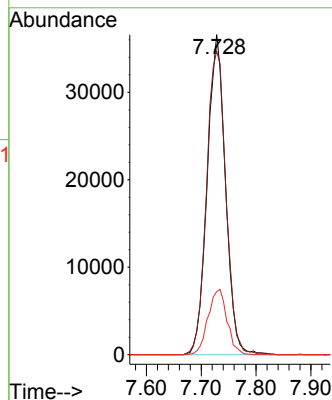
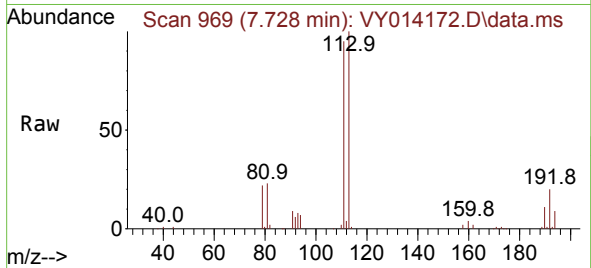




#35
Dibromofluoromethane
Concen: 49.075 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY014172.D
Acq: 14 Jun 2023 22:31

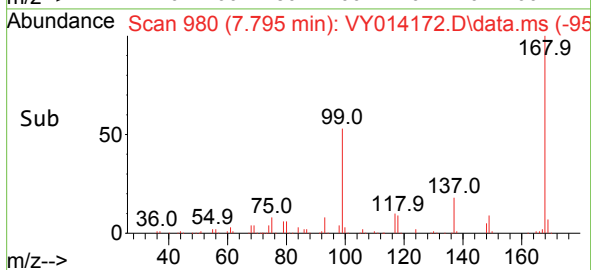
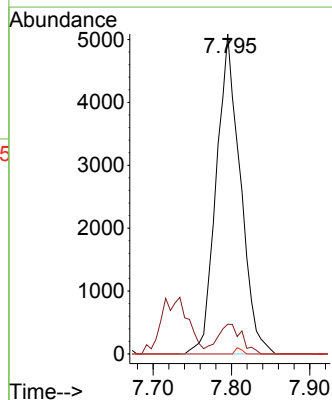
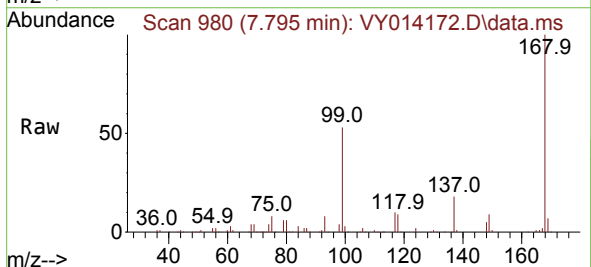
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-10-GRAB-6

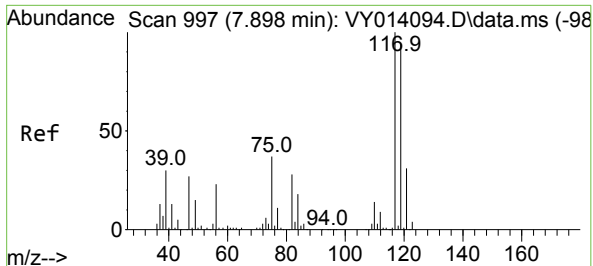
Tgt Ion:113 Resp: 84470
Ion Ratio Lower Upper
113 100
111 100.9 81.3 121.9
192 21.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.043 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY014172.D
Acq: 14 Jun 2023 22:31

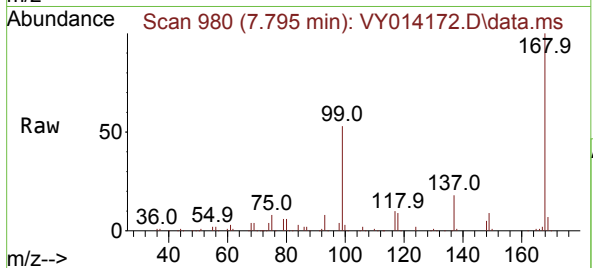
Tgt Ion: 75 Resp: 10848
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.5 24.4 36.6#



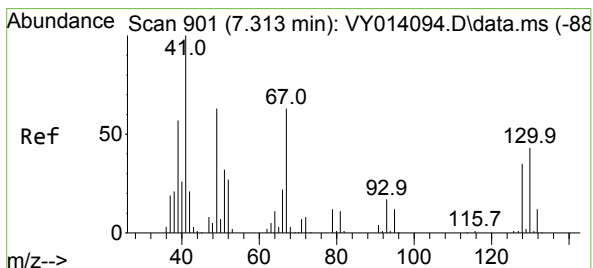
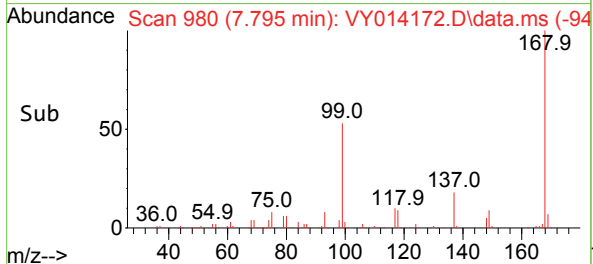
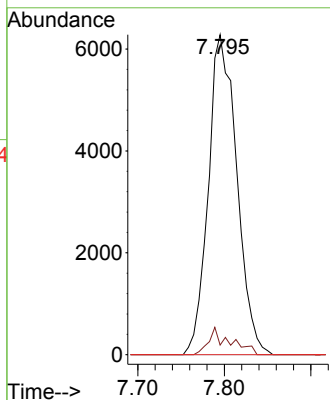


#38
Carbon Tetrachloride
Concen: 4.629 ug/l
RT: 7.795 min Scan# 910
Delta R.T. -0.103 min
Lab File: VY014172.D
Acq: 14 Jun 2023 22:31

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-10-GRAB-6

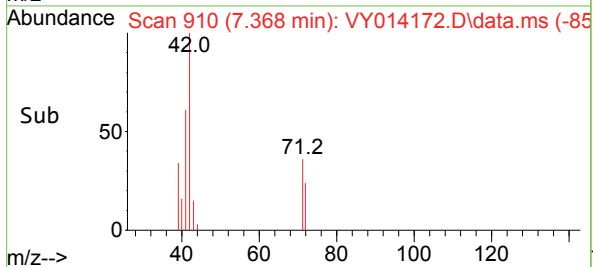
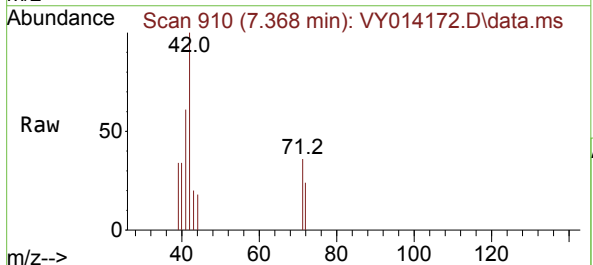
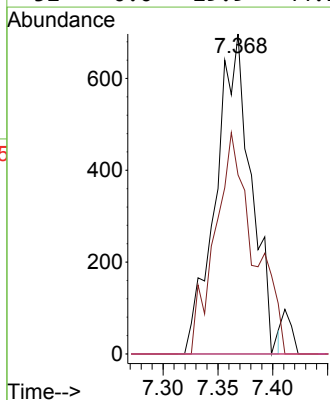


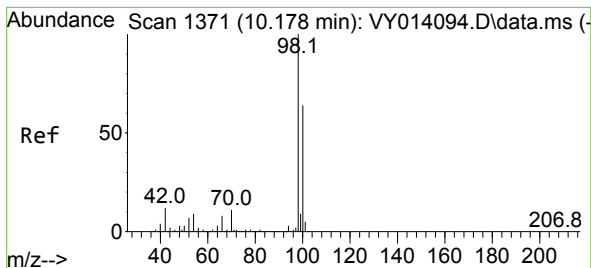
Tgt Ion:117 Resp: 14335
Ion Ratio Lower Upper
117 100
119 3.0 76.4 114.6#
121 0.0 25.8 38.6#



#41
Methacrylonitrile
Concen: 1.665 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.055 min
Lab File: VY014172.D
Acq: 14 Jun 2023 22:31

Tgt Ion: 41 Resp: 1573
Ion Ratio Lower Upper
41 100
39 75.3 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#





#50

Toluene-d8

Concen: 46.076 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014172.D

Acq: 14 Jun 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

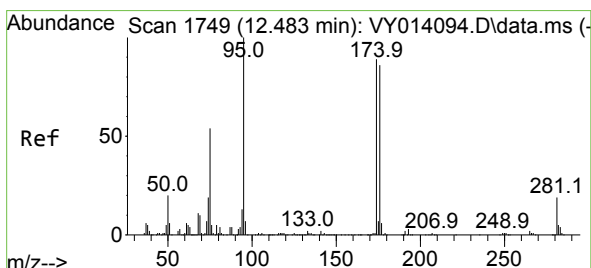
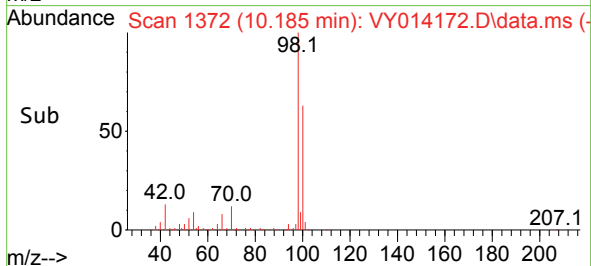
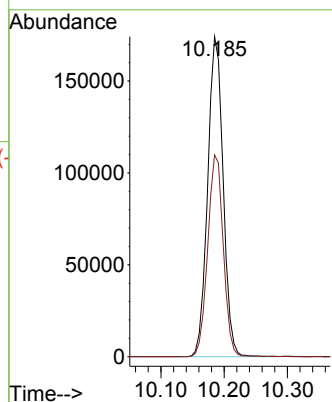
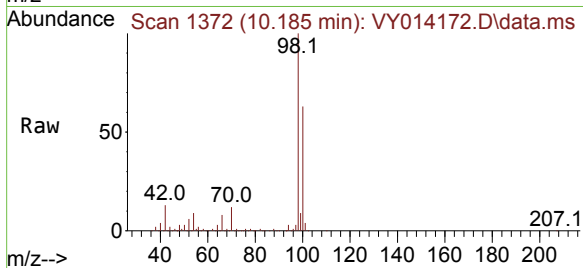
TOTAL-VOC-SB-10-GRAB-6

Tgt Ion: 98 Resp: 296506

Ion Ratio Lower Upper

98 100

100 63.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 35.920 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014172.D

Acq: 14 Jun 2023 22:31

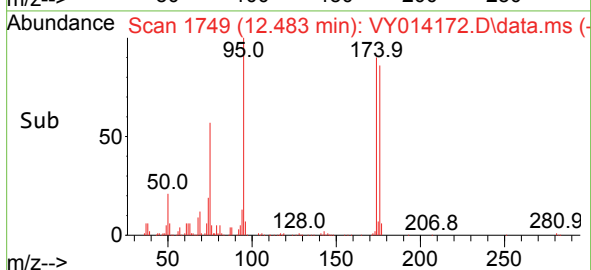
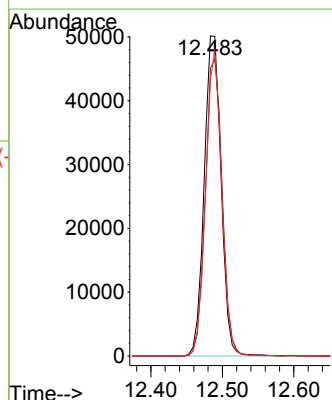
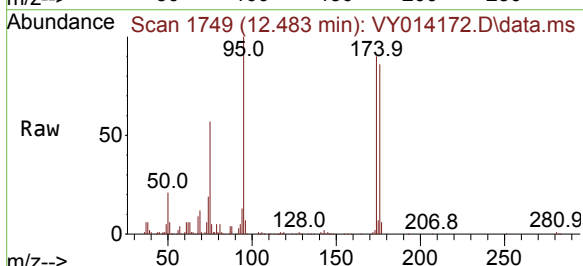
Tgt Ion: 95 Resp: 82110

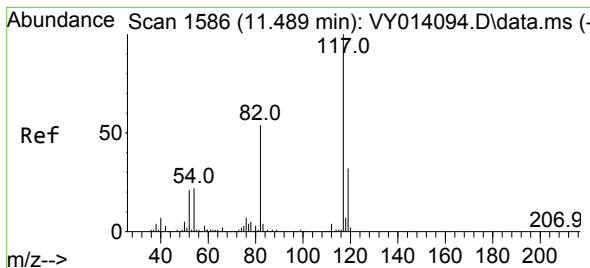
Ion Ratio Lower Upper

95 100

174 93.1 0.0 178.2

176 90.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014172.D

Acq: 14 Jun 2023 22:31

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-10-GRAB-6

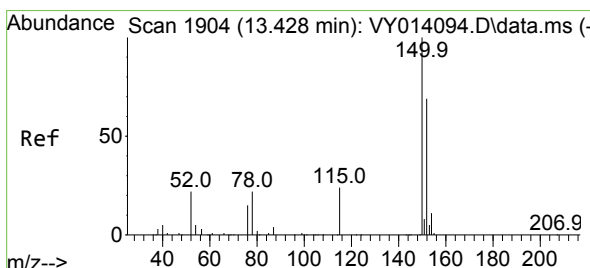
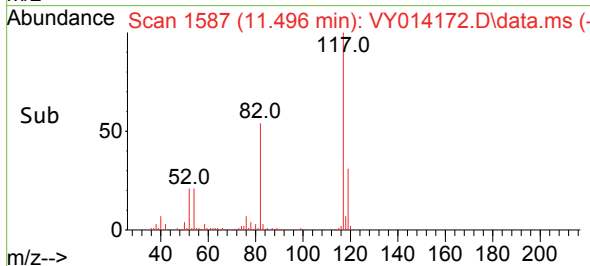
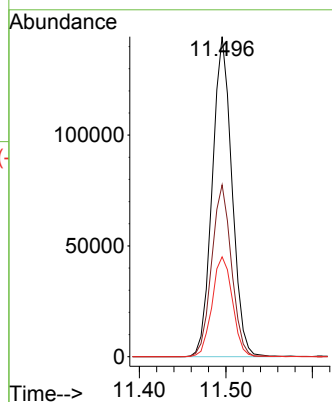
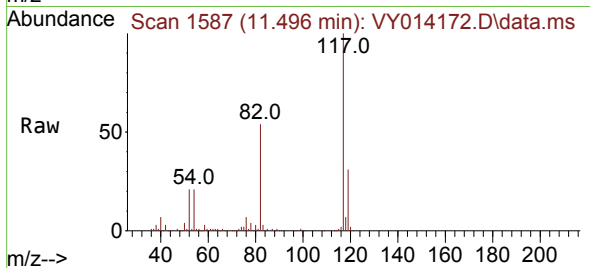
Tgt Ion:117 Resp: 227870

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 31.2 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: VY014172.D

Acq: 14 Jun 2023 22:31

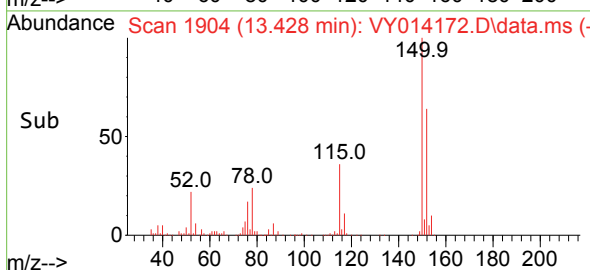
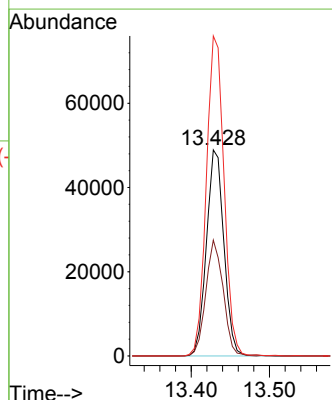
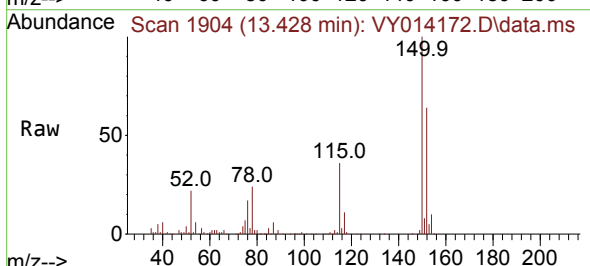
Tgt Ion:152 Resp: 75644

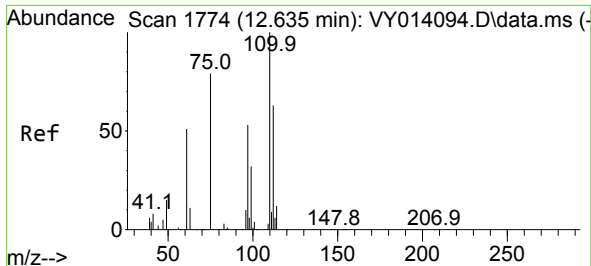
Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 156.9 0.0 348.8

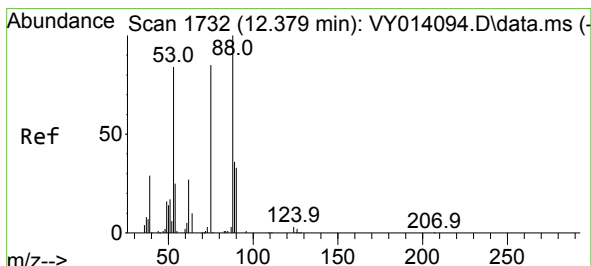
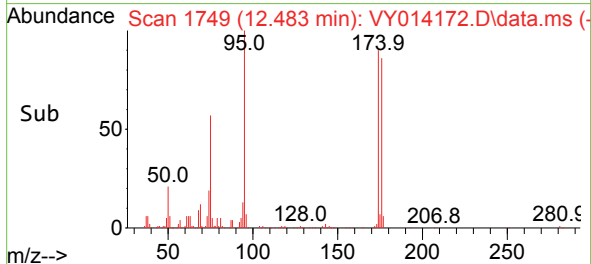
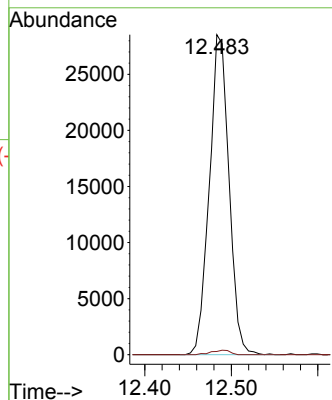
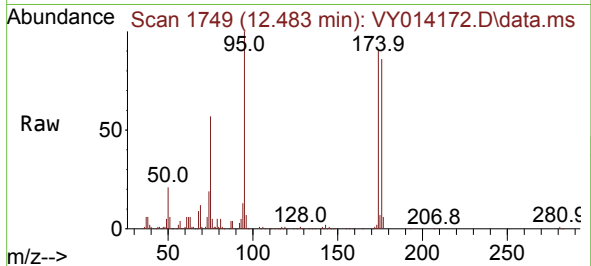




#76
1,2,3-Trichloropropane
Concen: 45.285 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014172.D
Acq: 14 Jun 2023 22:31

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-10-GRAB-6

Tgt Ion: 75 Resp: 44942
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.888 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014172.D
Acq: 14 Jun 2023 22:31

Tgt Ion: 75 Resp: 44942
Ion Ratio Lower Upper
75 100
53 0.3 77.8 116.8#
89 0.0 37.4 56.0#

