

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014207.D
 Acq On : 16 Jun 2023 16:47
 Operator : KP/MD
 Sample : 03282-09
 Misc : 3.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-NEX-002-G

Quant Time: Jun 16 23:23:01 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)

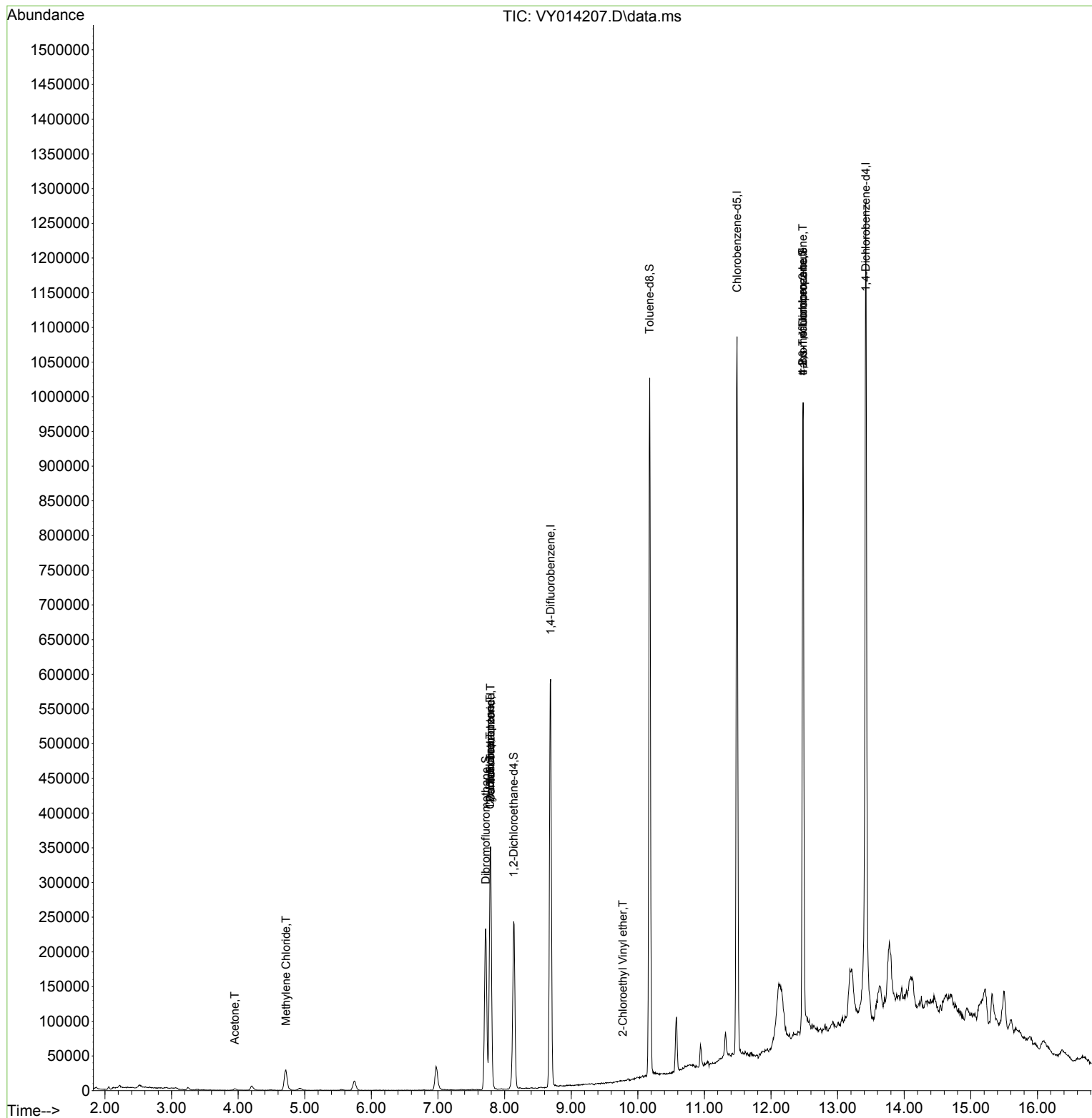
Internal Standards						
1) Pentafluorobenzene	7.789	168	271019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	494956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	544408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	254311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	192278	50.948	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.900%			
35) Dibromofluoromethane	7.716	113	158309	45.101	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.200%			
50) Toluene-d8	10.179	98	639545	48.735	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.480%			
62) 4-Bromofluorobenzene	12.477	95	258456	55.443	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.880%			
Target Compounds						
11) Tert butyl alcohol	4.924	59	1859	Below Cal	Qvalue 99	
13) Acrolein	3.723	56	57	Below Cal	# 80	
16) Acetone	3.948	43	3775	3.318 ug/l	# 83	
20) Methylene Chloride	4.716	84	21728	2.583 ug/l	# 95	
31) Cyclohexane	7.783	56	6272	1.241 ug/l	# 10	
36) 1,1-Dichloropropene	7.783	75	21379	3.907 ug/l	# 50	
38) Carbon Tetrachloride	7.789	117	26053	4.126 ug/l	# 17	
58) 2-Chloroethyl Vinyl ether	9.776	63	26	28.631 ug/l	# 1	
76) 1,2,3-Trichloropropane	12.477	75	140548	42.124 ug/l	# 100	
81) trans-1,4-Dichloro-2-b...	12.477	75	140548	91.057 ug/l	# 11	

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
Data File : VY014207.D
Acq On : 16 Jun 2023 16:47
Operator : KP/MD
Sample : 03282-09
Misc : 3.76g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-NEX-002-G

Quant Time: Jun 16 23:23:01 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

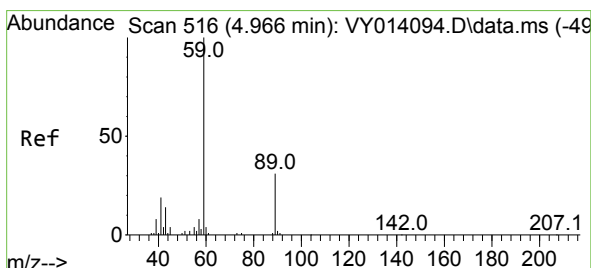
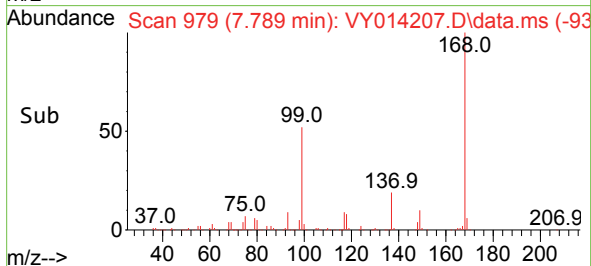
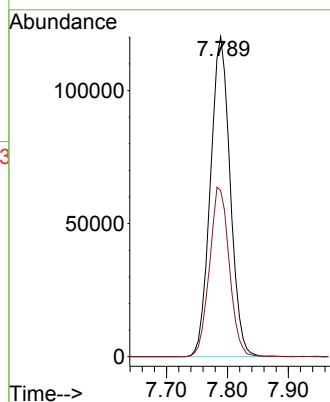
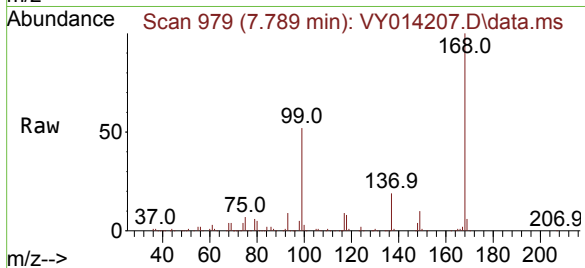




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014207.D
Acq: 16 Jun 2023 16:47

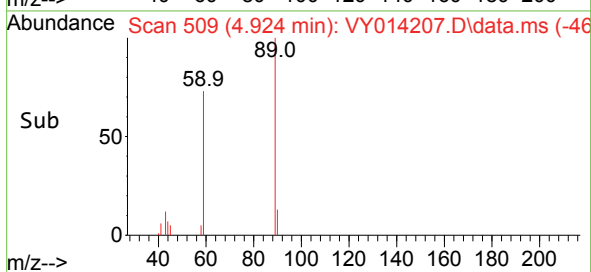
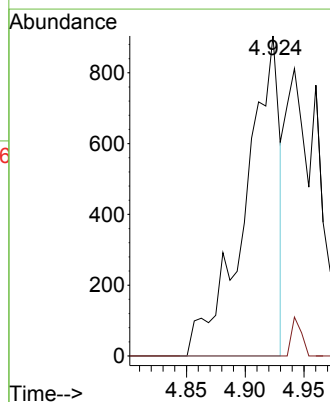
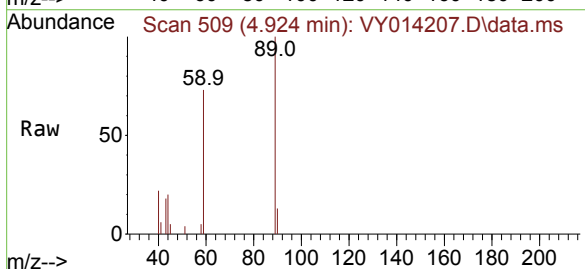
Instrument :
MSVOA_Y
ClientSampleId :
WC-NEX-002-G

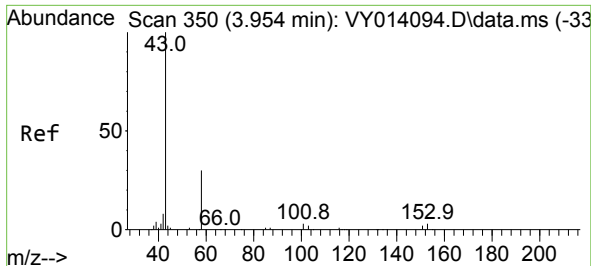
Tgt Ion:168 Resp: 271019
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.042 min
Lab File: VY014207.D
Acq: 16 Jun 2023 16:47

Tgt Ion: 59 Resp: 1859
Ion Ratio Lower Upper
59 100
57 3.4 3.0 4.4





#16

Acetone

Concen: 3.318 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY014207.D

Acq: 16 Jun 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

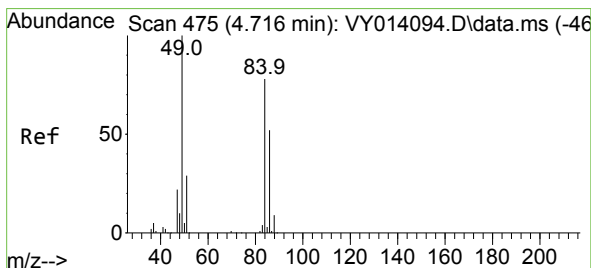
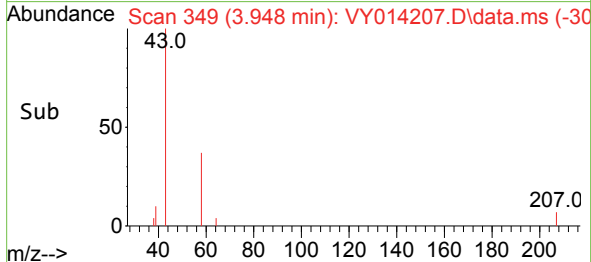
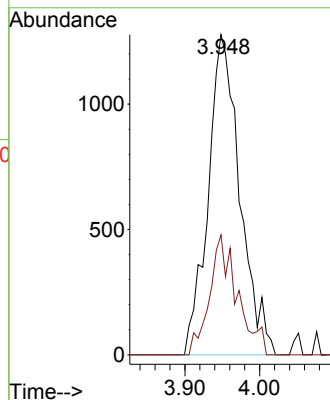
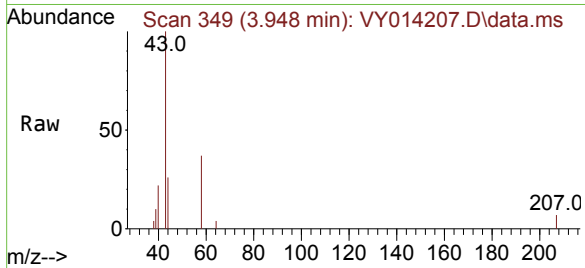
WC-NEX-002-G

Tgt Ion: 43 Resp: 3775

Ion Ratio Lower Upper

43 100

58 37.4 22.7 34.1#



#20

Methylene Chloride

Concen: 2.583 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY014207.D

Acq: 16 Jun 2023 16:47

Tgt Ion: 84 Resp: 21728

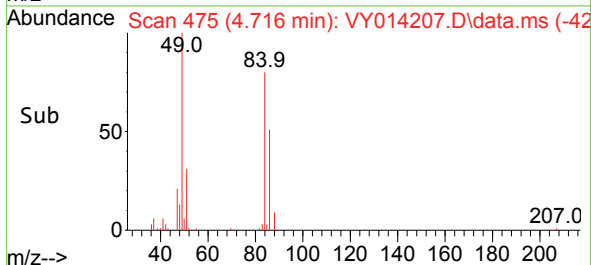
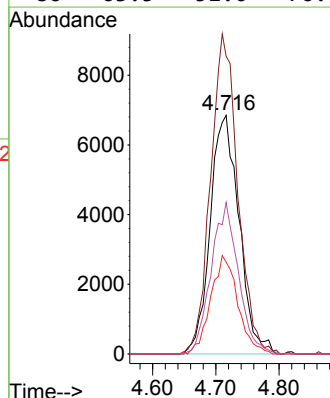
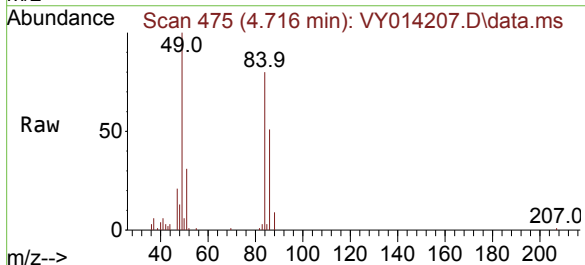
Ion Ratio Lower Upper

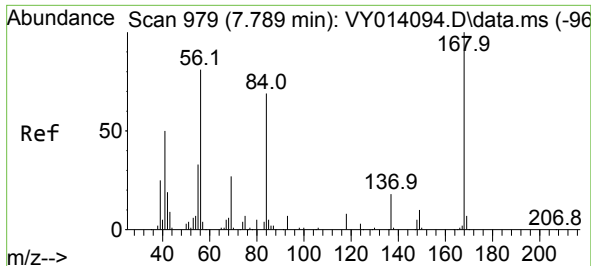
84 100

49 124.8 106.9 160.3

51 38.5 33.2 49.8

86 63.5 51.0 76.6

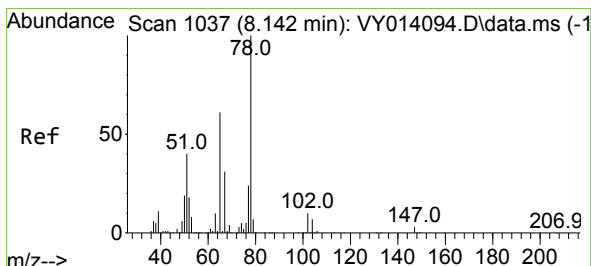
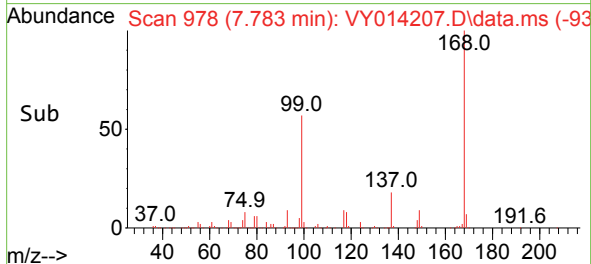
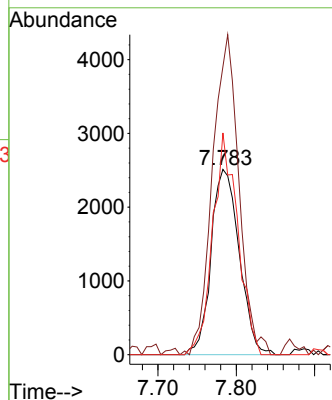
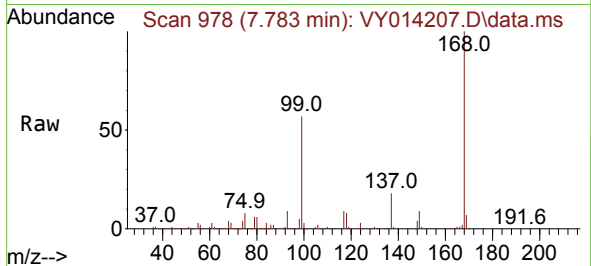




#31
Cyclohexane
Concen: 1.241 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014207.D
Acq: 16 Jun 2023 16:47

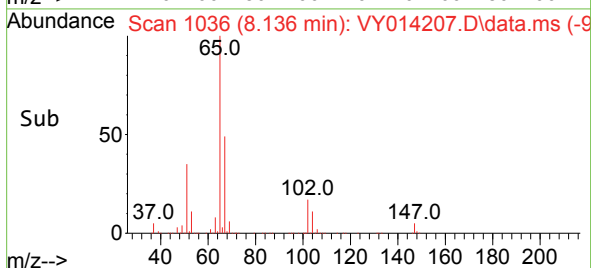
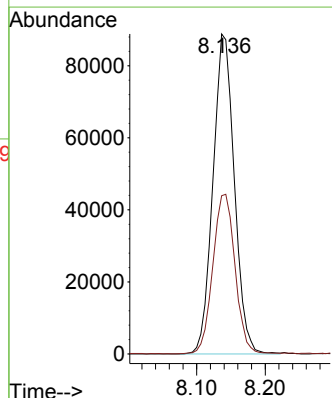
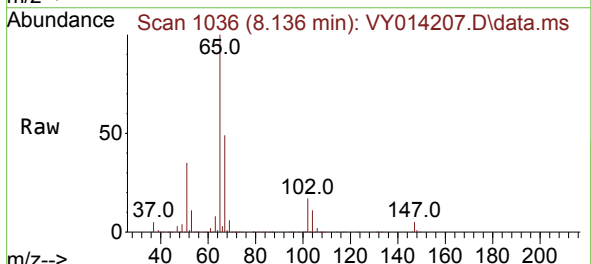
Instrument :
MSVOA_Y
ClientSampleId :
WC-NEX-002-G

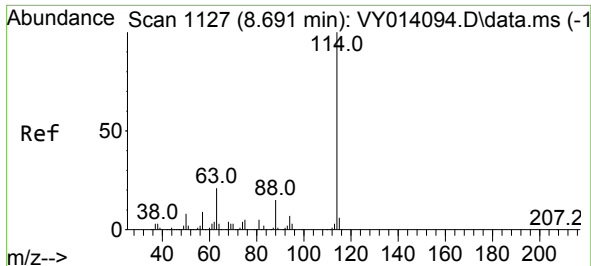
Tgt Ion: 56 Resp: 6272
Ion Ratio Lower Upper
56 100
69 155.5 27.8 41.6#
84 119.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 50.948 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014207.D
Acq: 16 Jun 2023 16:47

Tgt Ion: 65 Resp: 192278
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8

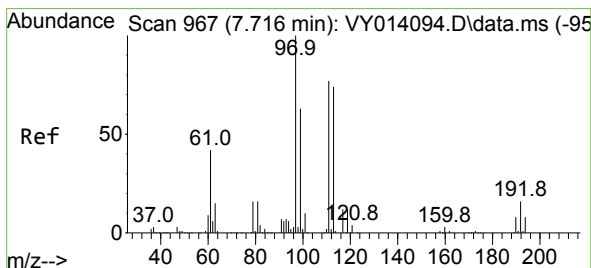
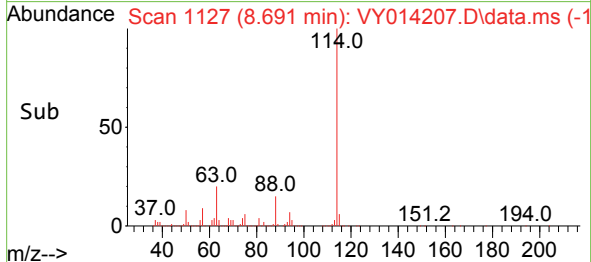
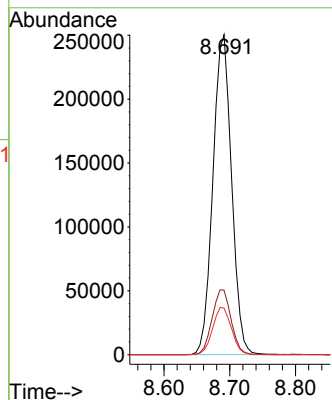
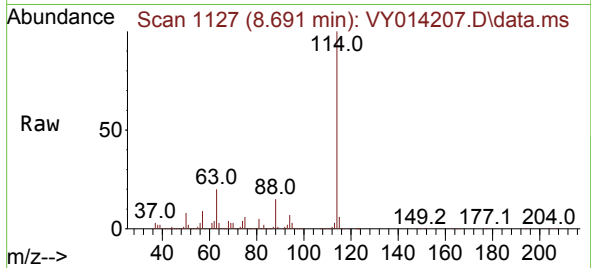




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014207.D
Acq: 16 Jun 2023 16:47

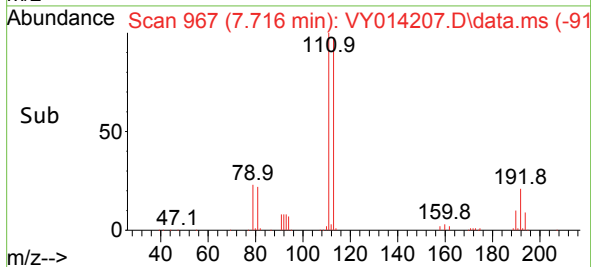
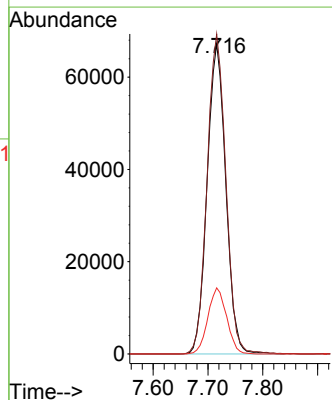
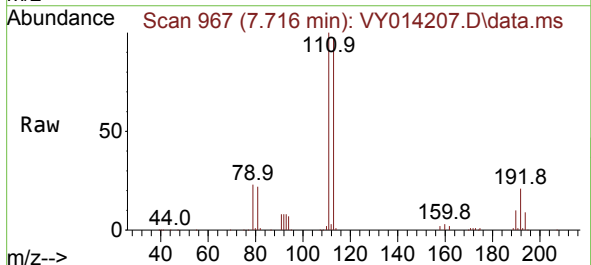
Instrument :
MSVOA_Y
ClientSampleId :
WC-NEX-002-G

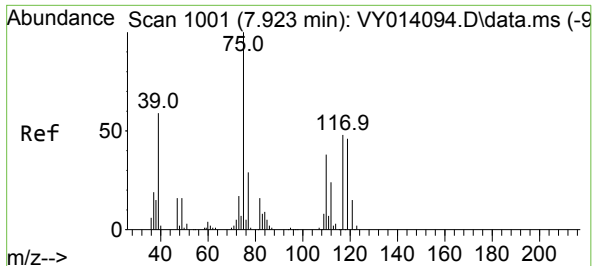
Tgt Ion:114 Resp: 494956
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.101 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014207.D
Acq: 16 Jun 2023 16:47

Tgt Ion:113 Resp: 158309
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 21.5 16.9 25.3





#36

1,1-Dichloropropene

Concen: 3.907 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY014207.D

Acq: 16 Jun 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

WC-NEX-002-G

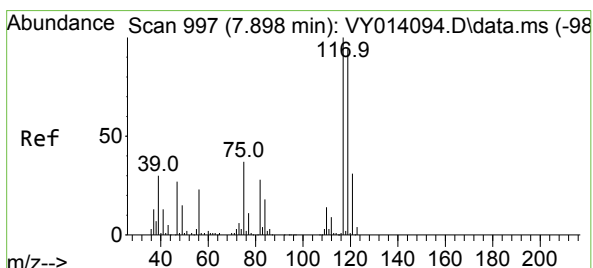
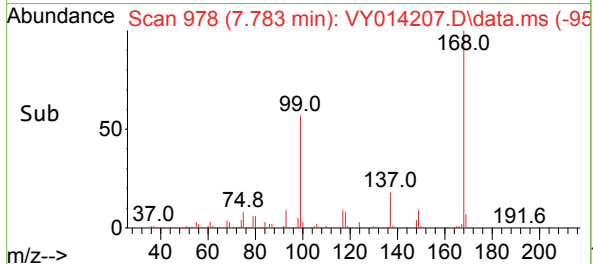
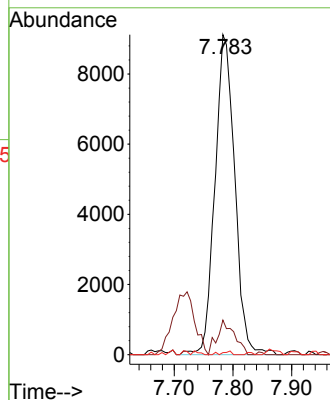
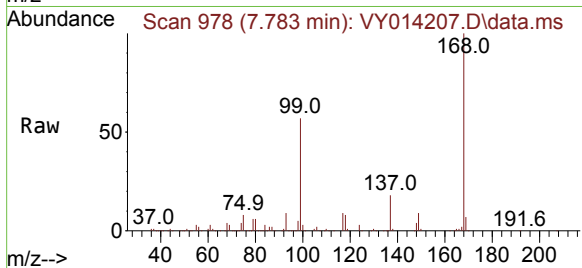
Tgt Ion: 75 Resp: 21379

Ion Ratio Lower Upper

75 100

110 9.3 17.8 53.5#

77 0.4 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.126 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY014207.D

Acq: 16 Jun 2023 16:47

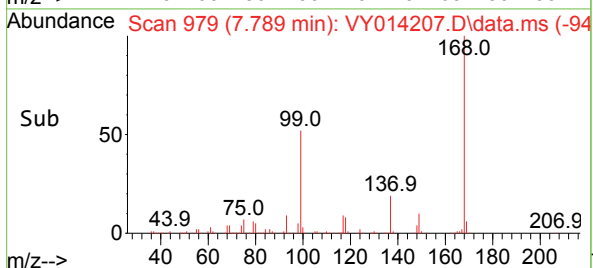
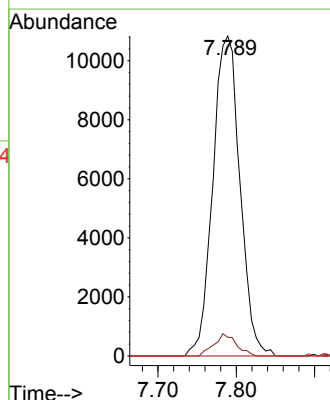
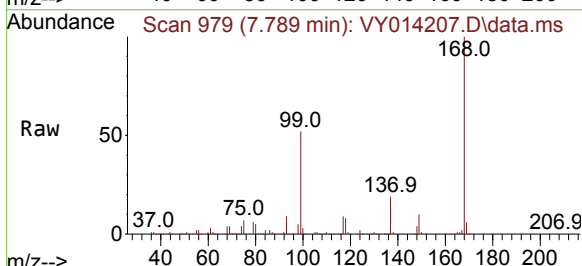
Tgt Ion: 117 Resp: 26053

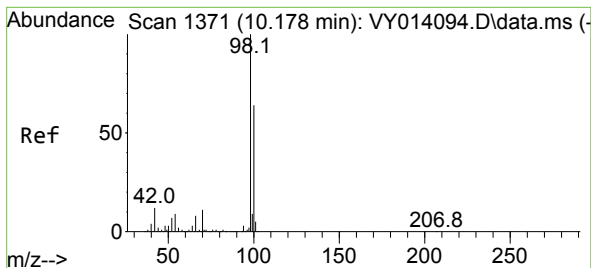
Ion Ratio Lower Upper

117 100

119 5.9 76.4 114.6#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 48.735 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014207.D

Acq: 16 Jun 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

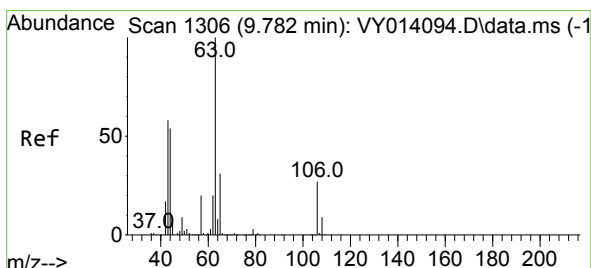
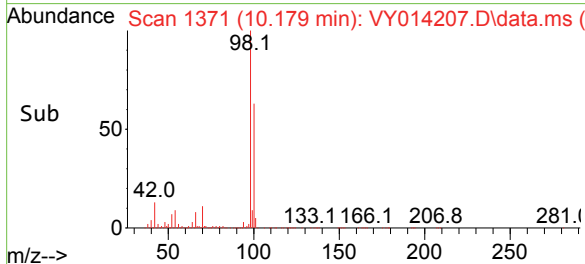
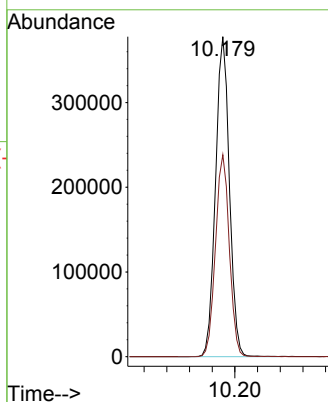
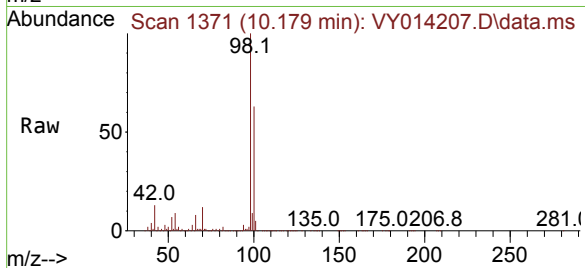
WC-NEX-002-G

Tgt Ion: 98 Resp: 639545

Ion Ratio Lower Upper

98 100

100 63.1 50.1 75.1



#58

2-Chloroethyl Vinyl ether

Concen: 28.631 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014207.D

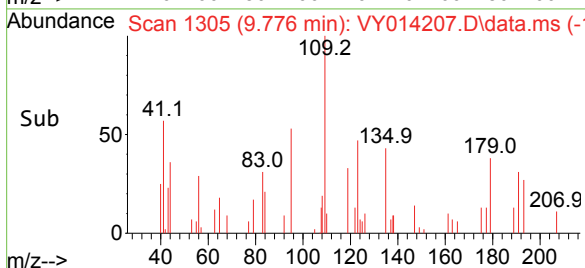
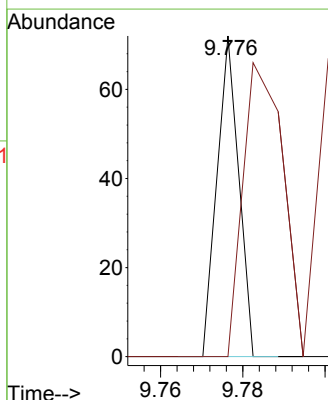
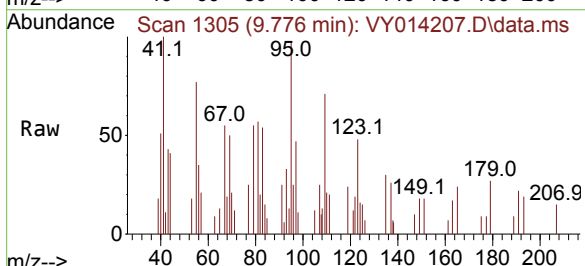
Acq: 16 Jun 2023 16:47

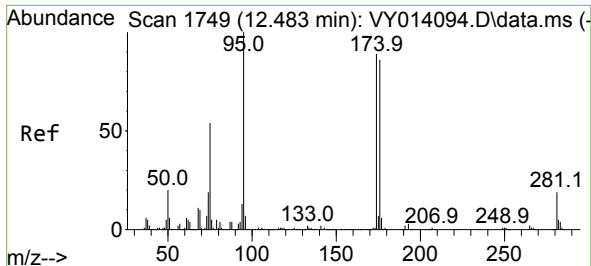
Tgt Ion: 63 Resp: 26

Ion Ratio Lower Upper

63 100

106 169.2 21.2 31.8#

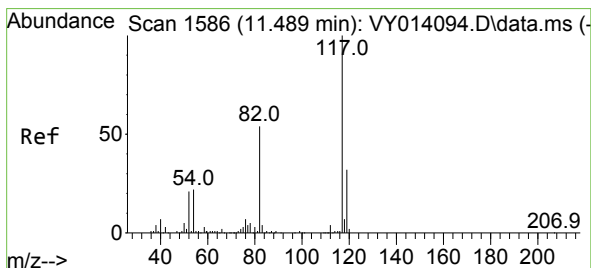
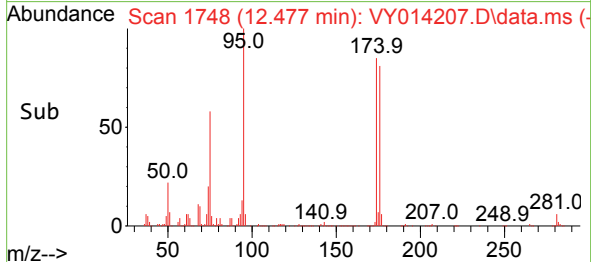
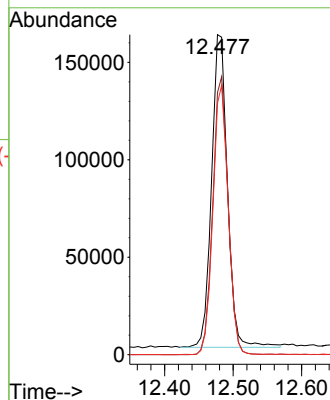
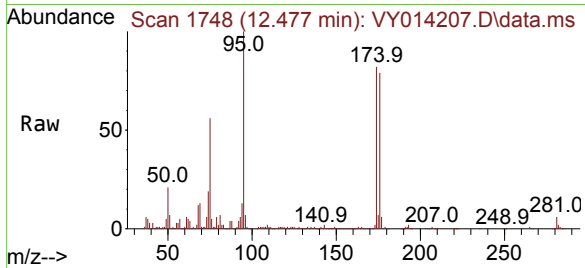




#62
4-Bromofluorobenzene
Concen: 55.443 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014207.D
Acq: 16 Jun 2023 16:47

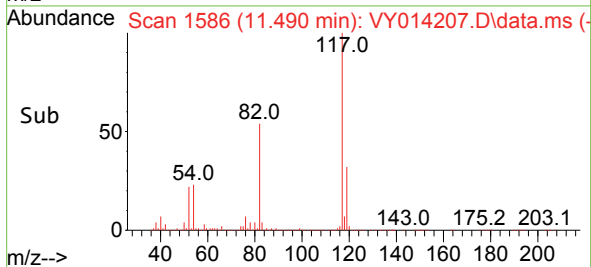
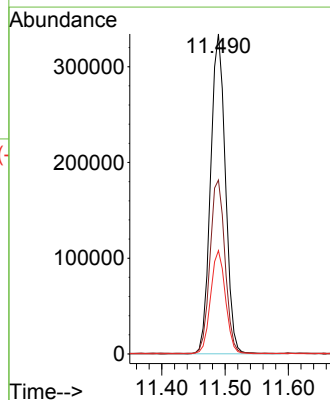
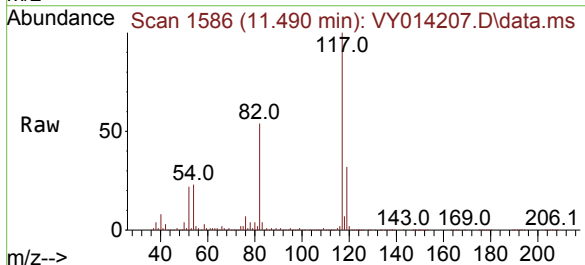
Instrument :
MSVOA_Y
ClientSampleId :
WC-NEX-002-G

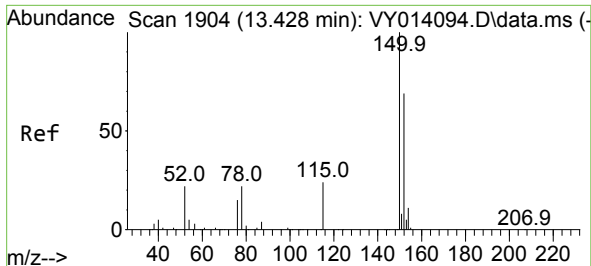
Tgt Ion: 95 Resp: 258456
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014207.D
Acq: 16 Jun 2023 16:47

Tgt Ion: 117 Resp: 544408
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 32.2 26.3 39.5

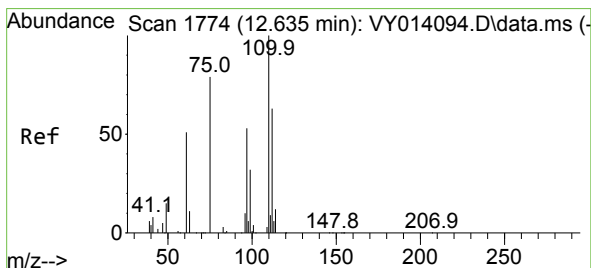
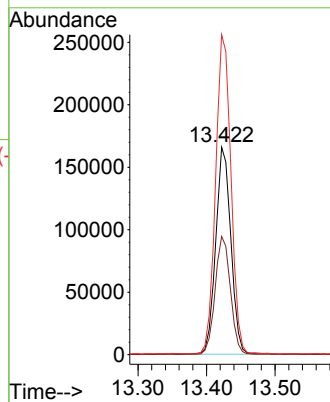
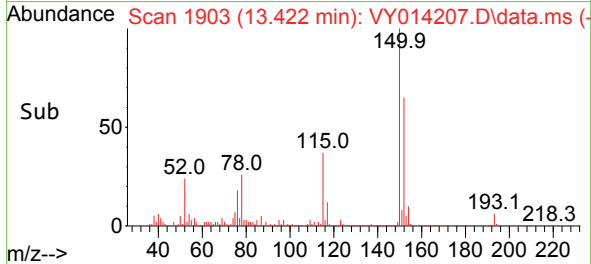
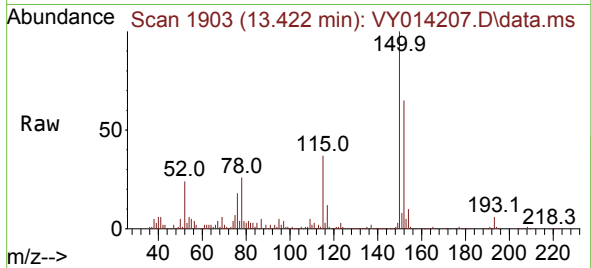




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY014207.D
 Acq: 16 Jun 2023 16:47

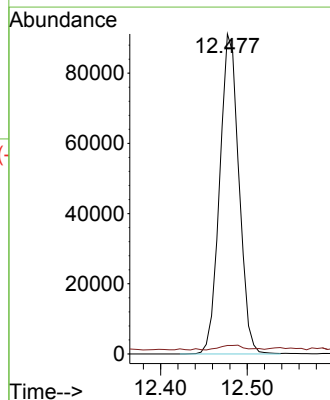
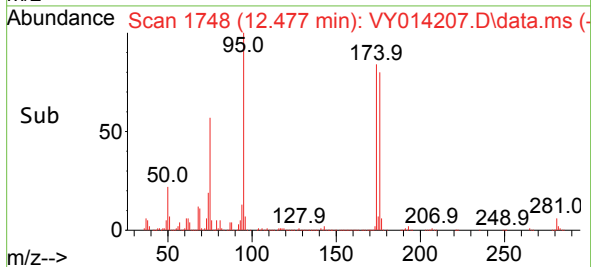
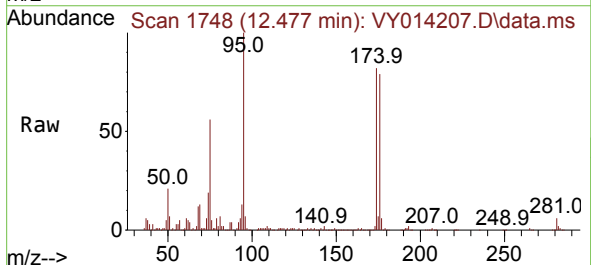
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-NEX-002-G

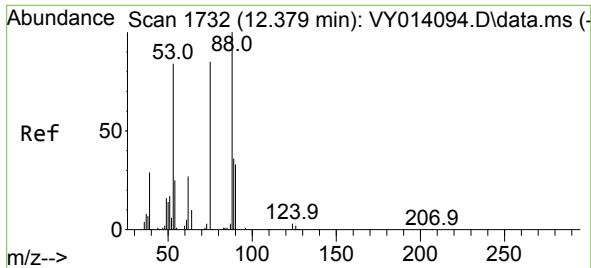
Tgt Ion:152 Resp: 254311
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.8 86.5
 150 155.9 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 42.124 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY014207.D
 Acq: 16 Jun 2023 16:47

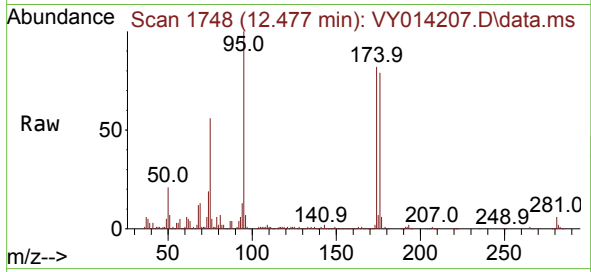
Tgt Ion: 75 Resp: 140548
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.057 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY014207.D
Acq: 16 Jun 2023 16:47

Instrument :
MSVOA_Y
ClientSampleId :
WC-NEX-002-G



Tgt Ion: 75 Resp: 140548
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#

