

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014388.D
 Acq On : 22 Jun 2023 18:46
 Operator : KP/MD
 Sample : 03321-04RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-24RE

Quant Time: Jun 23 05:01:11 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)

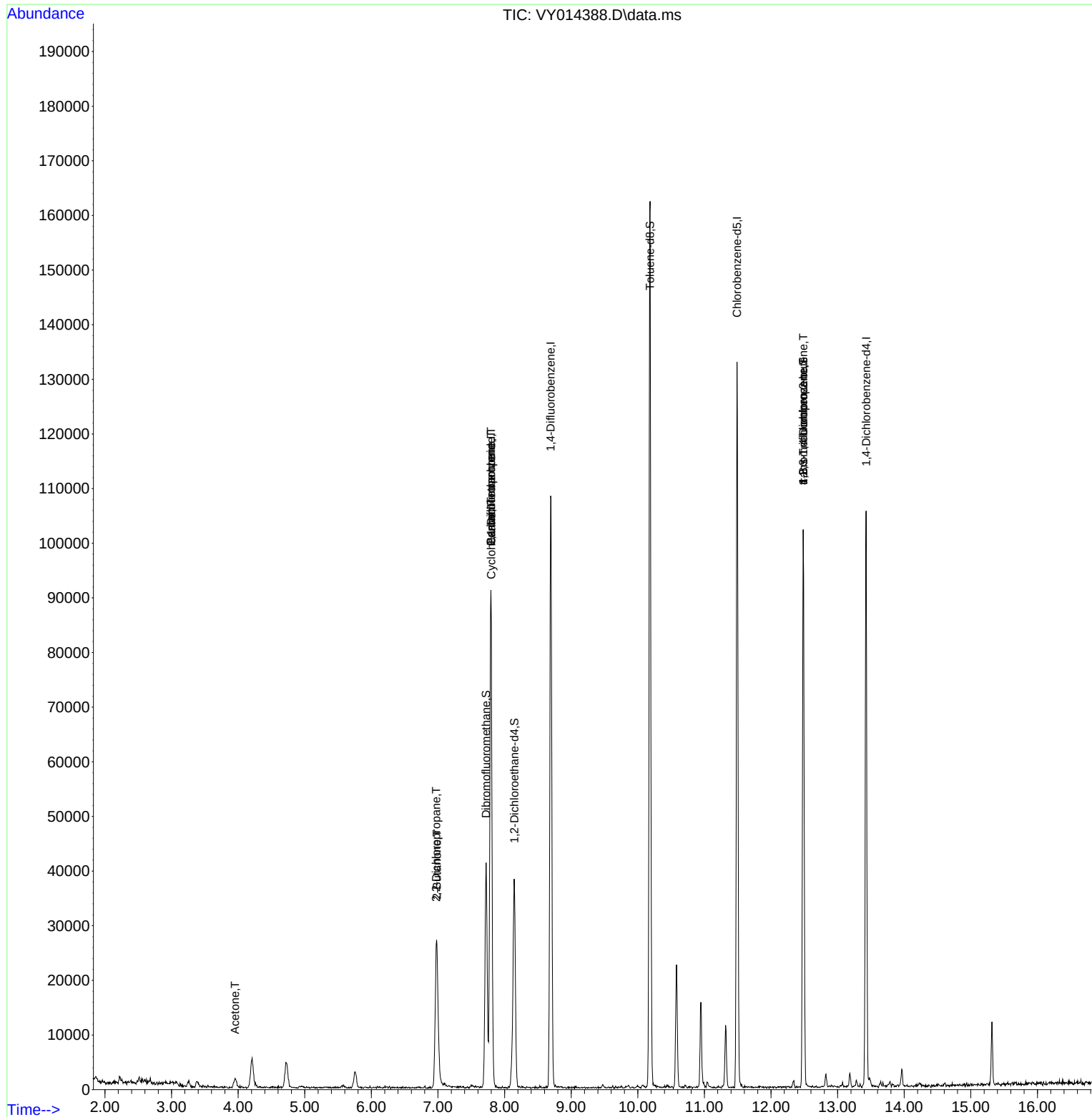
Internal Standards						
1) Pentafluorobenzene	7.795	168	73194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	93072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	72083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31127	30.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	61.080%
35) Dibromofluoromethane	7.722	113	27665	41.914	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.820%
50) Toluene-d8	10.185	98	107476	43.554	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.100%
62) 4-Bromofluorobenzene	12.483	95	24584	28.045	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	125	Below Cal	#	89
16) Acetone	3.954	43	3147	10.243	ug/l	91
20) Methylene Chloride	4.729	84	3431	Below Cal	#	71
25) 2-Butanone	6.984	43	1521	4.022	ug/l	96
26) 2,2-Dichloropropane	6.972	77	2120	1.350	ug/l	# 54
31) Cyclohexane	7.801	56	1399	1.025	ug/l	# 49
36) 1,1-Dichloropropene	7.795	75	5084	4.941	ug/l	# 48
38) Carbon Tetrachloride	7.795	117	6978	5.876	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	14105	38.054	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	14105	82.258	ug/l	# 10

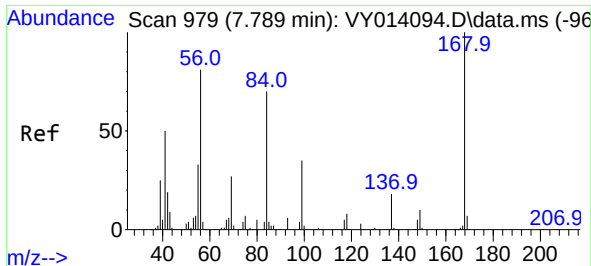
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 09 18:07:13 2023
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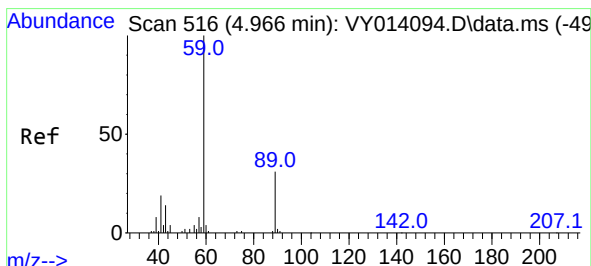
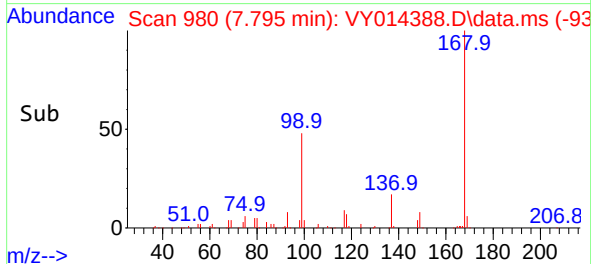
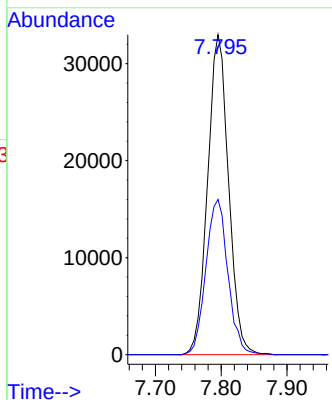
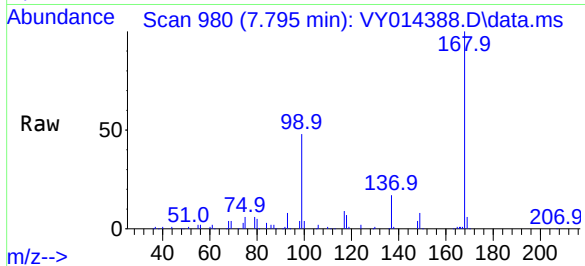




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014388.D
Acq: 22 Jun 2023 18:46

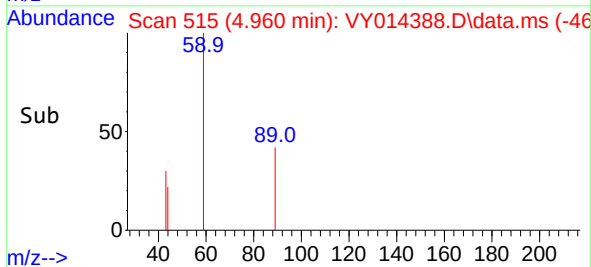
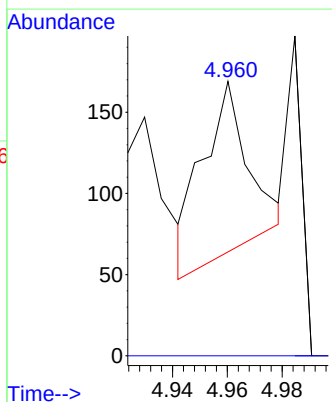
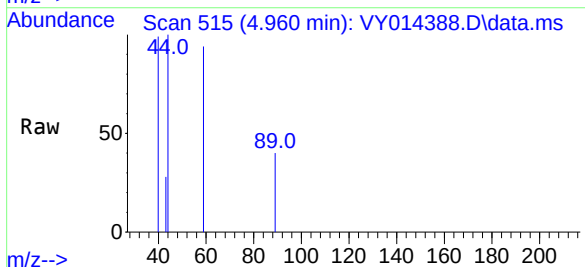
Instrument :
MSVOA_Y
ClientSampleId :
WC-24RE

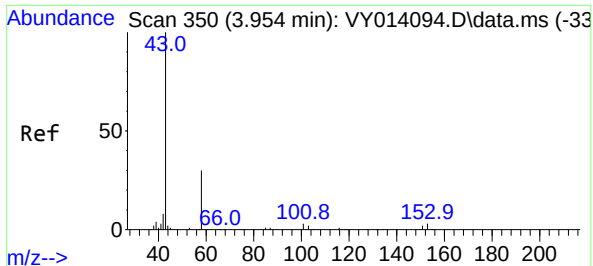
Tgt Ion:168 Resp: 73194
Ion Ratio Lower Upper
168 100
99 48.5 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY014388.D
Acq: 22 Jun 2023 18:46

Tgt Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 10.243 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY014388.D

Acq: 22 Jun 2023 18:46

Instrument :

MSVOA_Y

ClientSampleId :

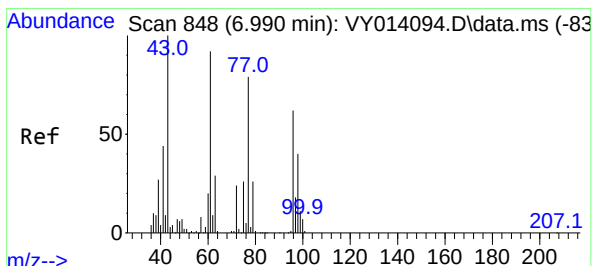
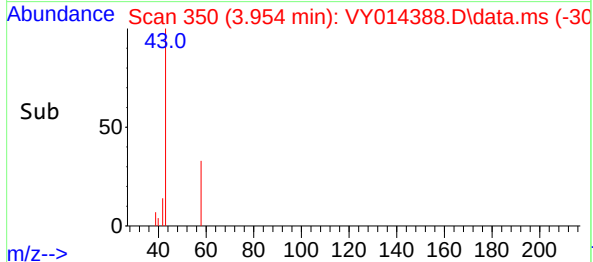
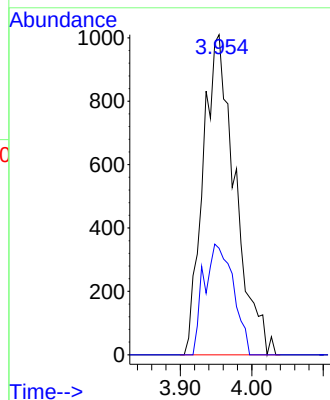
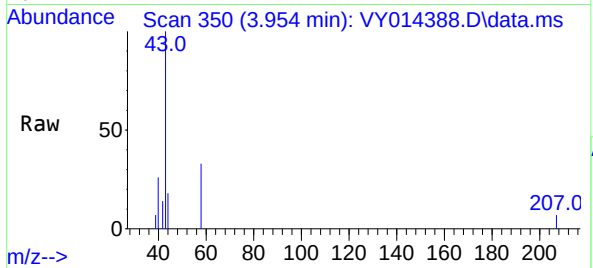
WC-24RE

Tgt Ion: 43 Resp: 3147

Ion Ratio Lower Upper

43 100

58 33.3 22.7 34.1



#25

2-Butanone

Concen: 4.022 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY014388.D

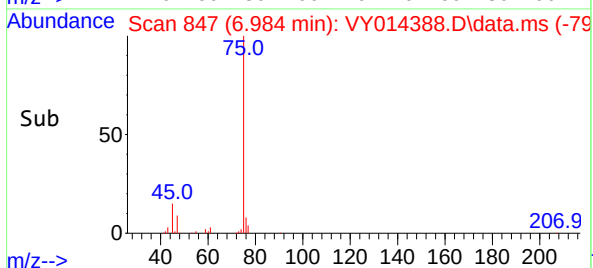
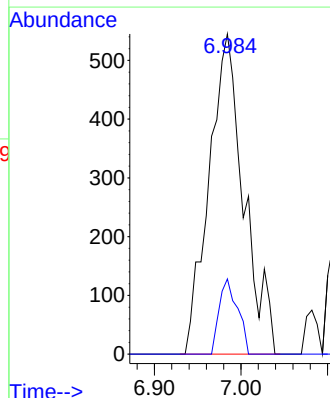
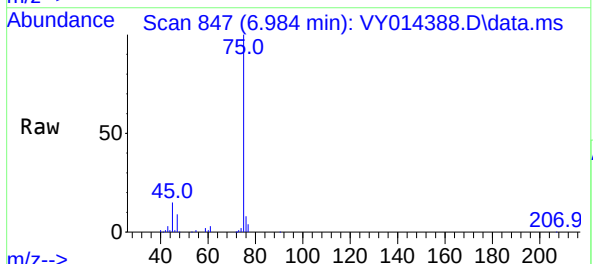
Acq: 22 Jun 2023 18:46

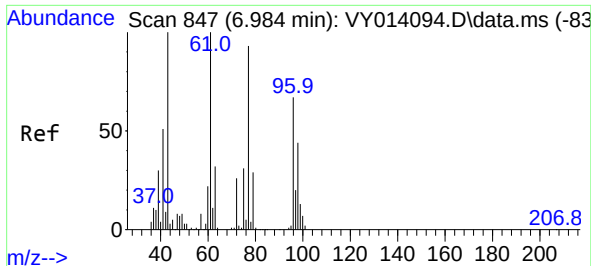
Tgt Ion: 43 Resp: 1521

Ion Ratio Lower Upper

43 100

72 23.5 20.5 30.7

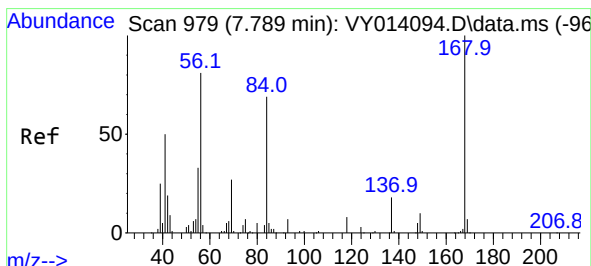
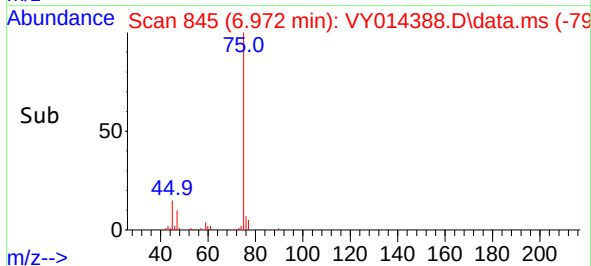
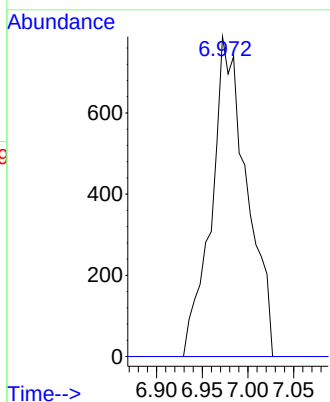
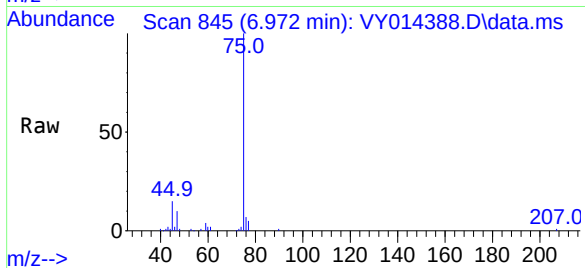




#26
2,2-Dichloropropane
Concen: 1.350 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY014388.D
Acq: 22 Jun 2023 18:46

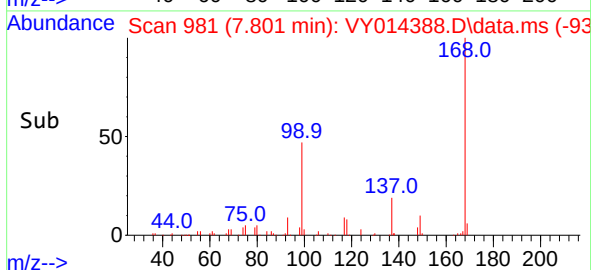
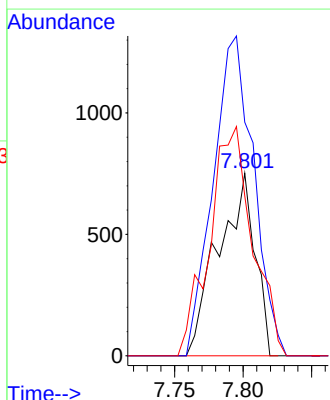
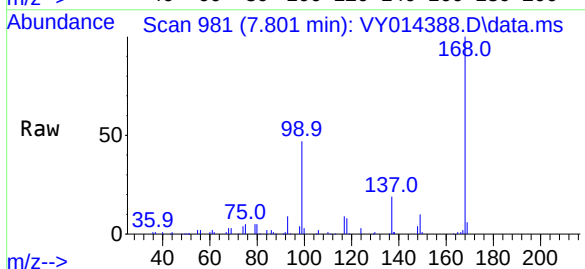
Instrument :
MSVOA_Y
ClientSampleId :
WC-24RE

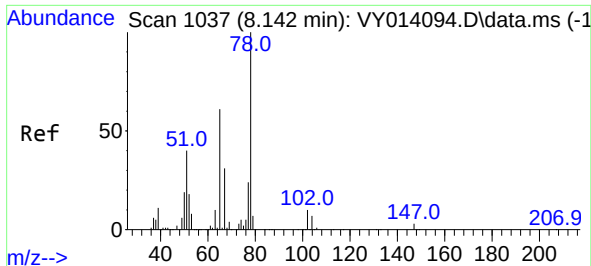
Tgt Ion: 77 Resp: 2120
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.025 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY014388.D
Acq: 22 Jun 2023 18:46

Tgt Ion: 56 Resp: 1399
Ion Ratio Lower Upper
56 100
69 127.9 27.8 41.6#
84 87.6 66.4 99.6

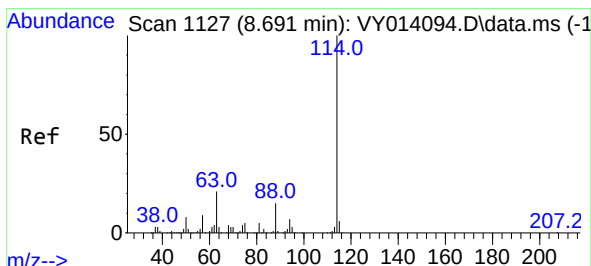
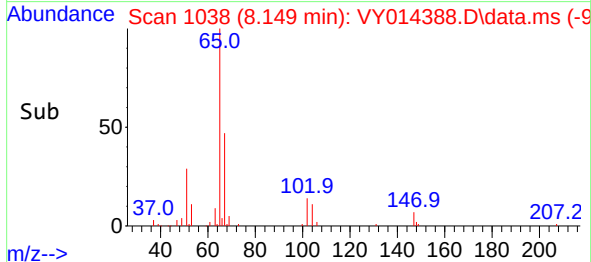
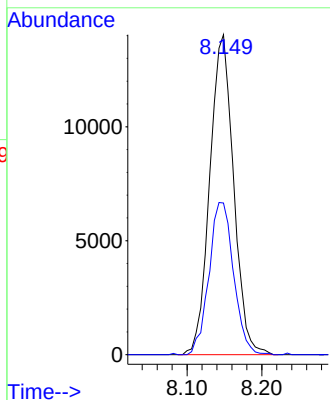
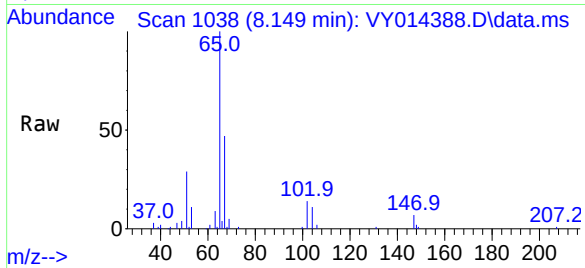




#33
1,2-Dichloroethane-d4
Concen: 30.539 ug/l
RT: 8.149 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY014388.D
Acq: 22 Jun 2023 18:46

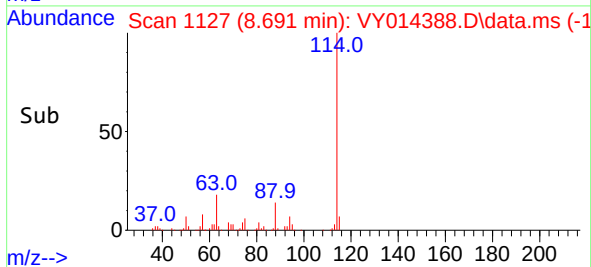
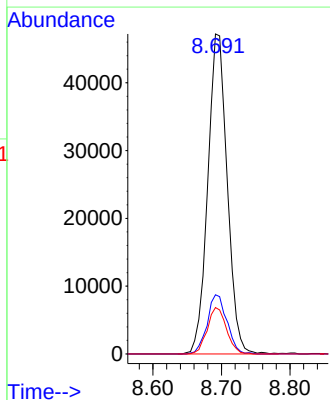
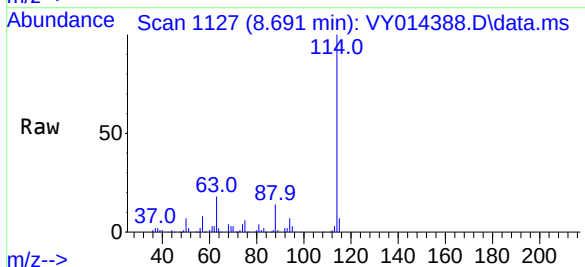
Instrument :
MSVOA_Y
ClientSampleId :
WC-24RE

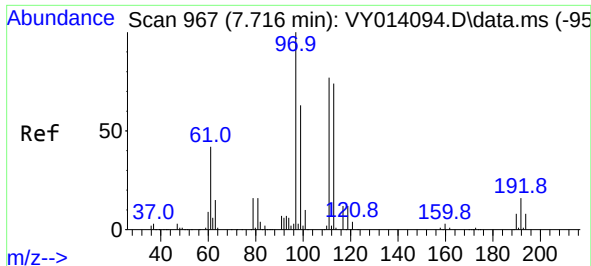
Tgt Ion: 65 Resp: 31127
Ion Ratio Lower Upper
65 100
67 49.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014388.D
Acq: 22 Jun 2023 18:46

Tgt Ion: 114 Resp: 93072
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.4
88 14.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 41.914 ug/l

RT: 7.722 min Scan# 90

Delta R.T. 0.006 min

Lab File: VY014388.D

Acq: 22 Jun 2023 18:46

Instrument :

MSVOA_Y

ClientSampleId :

WC-24RE

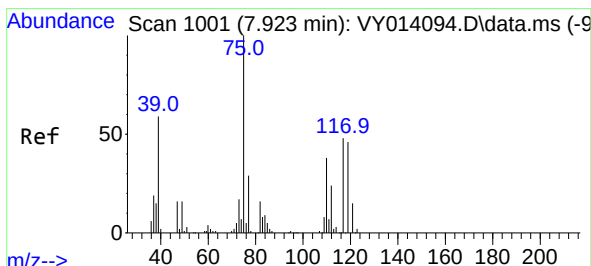
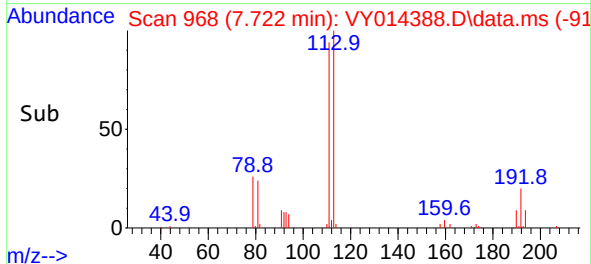
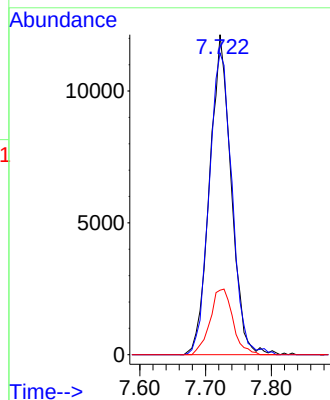
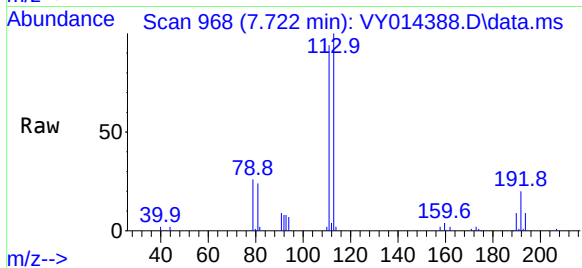
Tgt Ion:113 Resp: 27665

Ion Ratio Lower Upper

113 100

111 100.0 81.3 121.9

192 21.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.941 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY014388.D

Acq: 22 Jun 2023 18:46

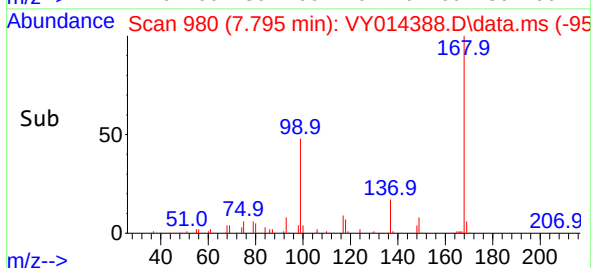
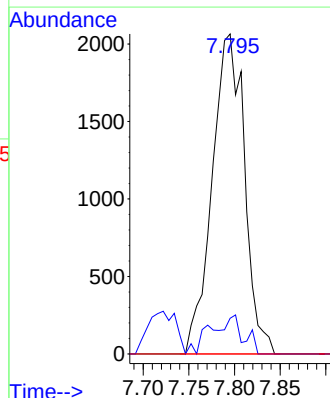
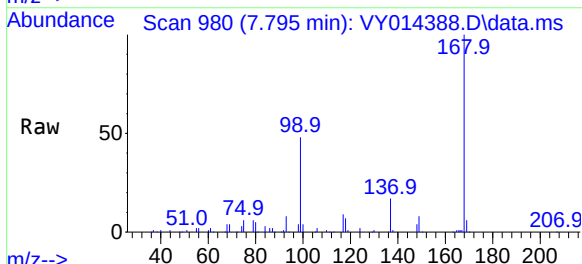
Tgt Ion: 75 Resp: 5084

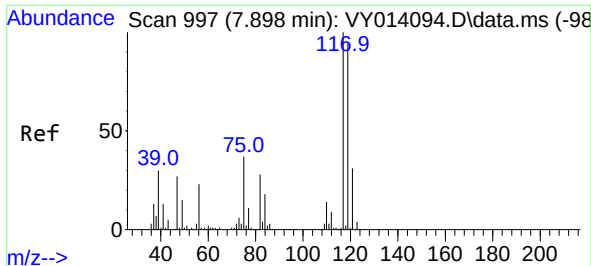
Ion Ratio Lower Upper

75 100

110 6.8 17.8 53.5#

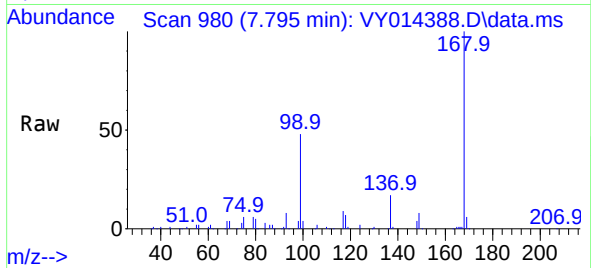
77 0.0 24.4 36.6#



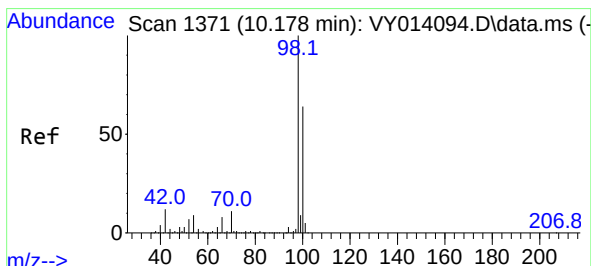
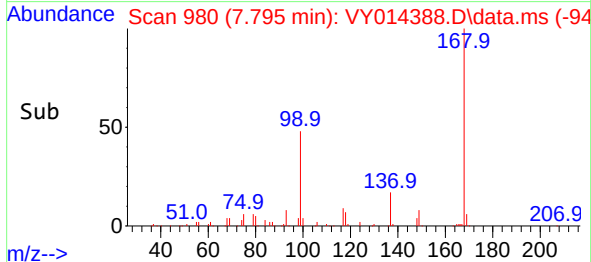
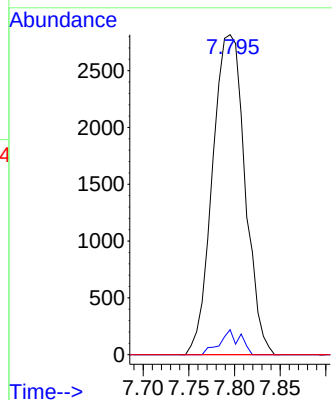


#38
Carbon Tetrachloride
Concen: 5.876 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY014388.D
Acq: 22 Jun 2023 18:46

Instrument :
MSVOA_Y
ClientSampleId :
WC-24RE

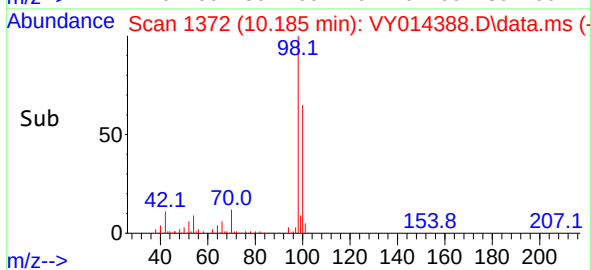
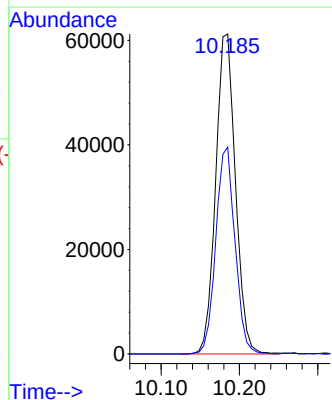
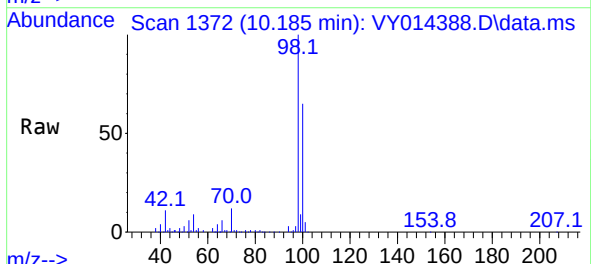


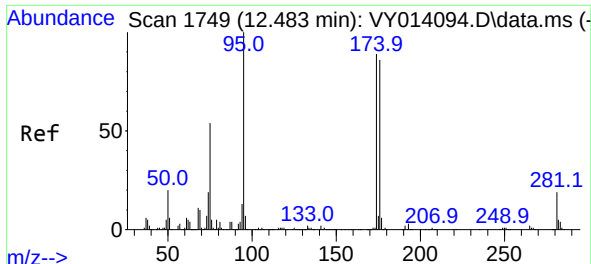
Tgt Ion:117 Resp: 6978
Ion Ratio Lower Upper
117 100
119 7.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 43.554 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014388.D
Acq: 22 Jun 2023 18:46

Tgt Ion: 98 Resp: 107476
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1

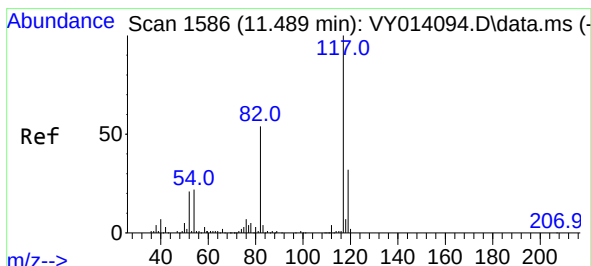
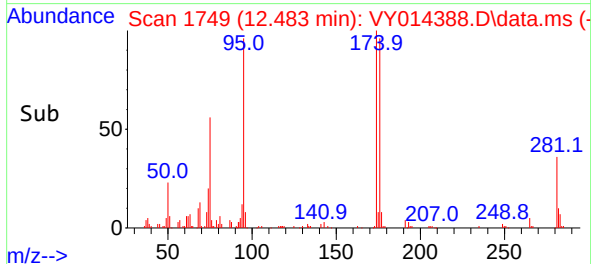
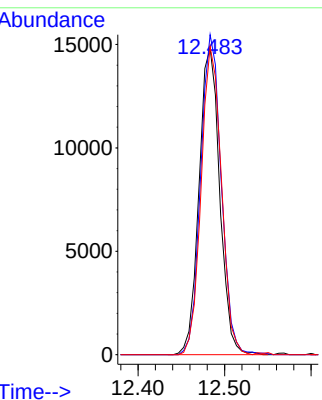
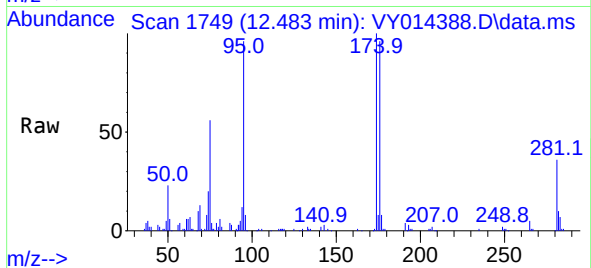




#62
4-Bromofluorobenzene
Concen: 28.045 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014388.D
Acq: 22 Jun 2023 18:46

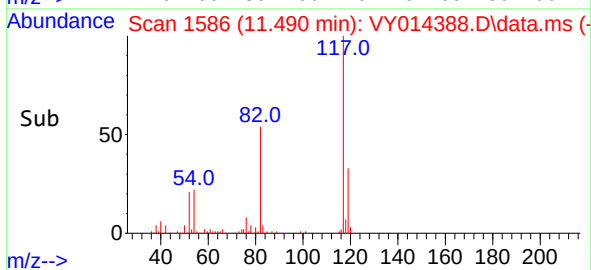
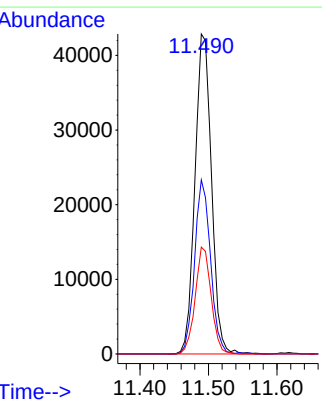
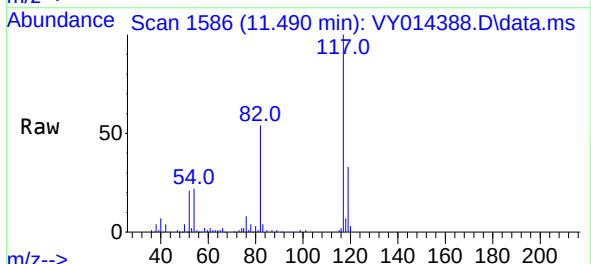
Instrument :
MSVOA_Y
ClientSampleId :
WC-24RE

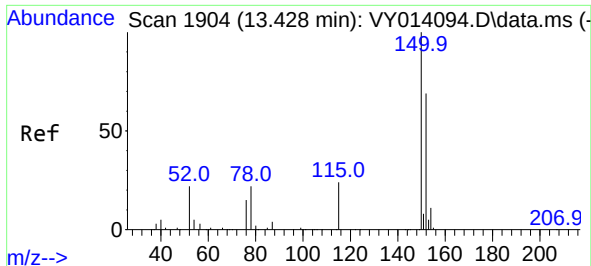
Tgt Ion:	95	Resp:	24584
Ion	Ratio	Lower	Upper
95	100		
174	104.0	0.0	178.2
176	98.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014388.D
Acq: 22 Jun 2023 18:46

Tgt Ion:	117	Resp:	72083
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.4	65.0
119	33.4	26.3	39.5

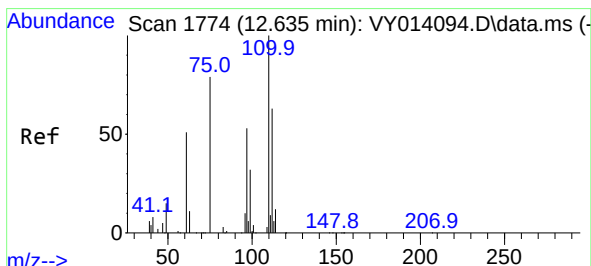
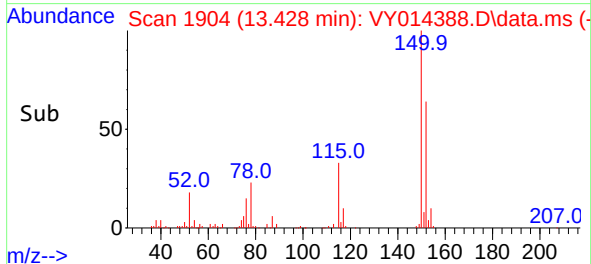
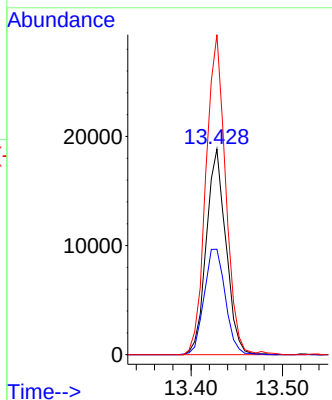
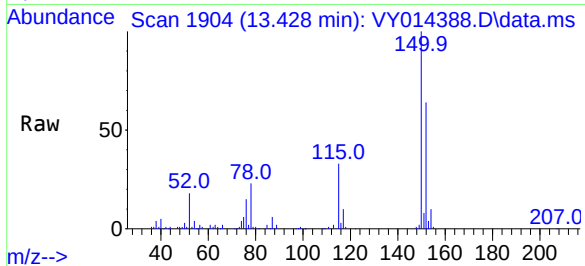




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014388.D
Acq: 22 Jun 2023 18:46

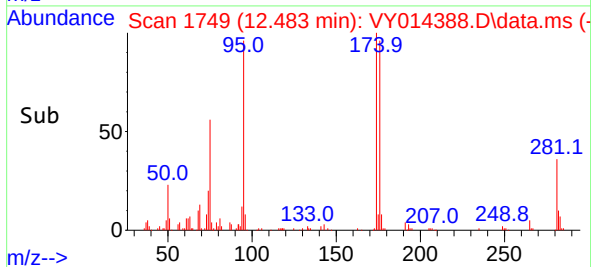
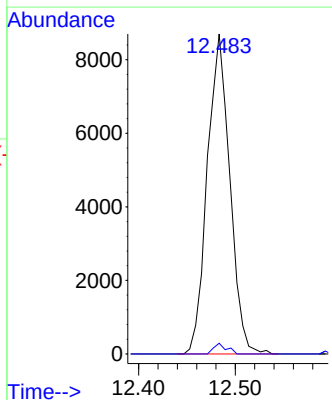
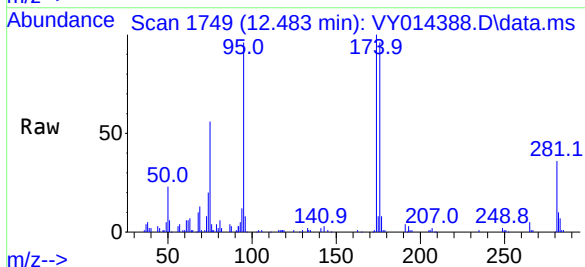
Instrument :
MSVOA_Y
ClientSampleId :
WC-24RE

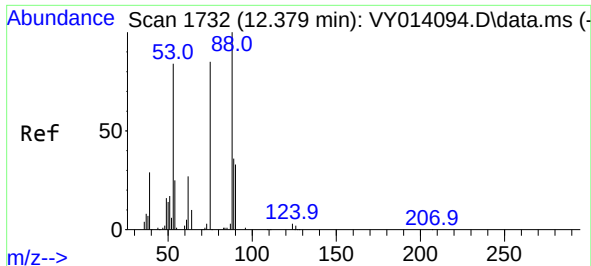
Tgt Ion:	152	Resp:	28252
Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.8	86.5
150	156.2	0.0	348.8



#76
1,2,3-Trichloropropane
Concen: 38.054 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014388.D
Acq: 22 Jun 2023 18:46

Tgt Ion:	75	Resp:	14105
Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.258 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014388.D
 Acq: 22 Jun 2023 18:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-24RE

Tgt Ion: 75 Resp: 14105
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

