

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012406.D
 Acq On : 30 Jan 2023 18:32
 Operator : KP/MD
 Sample : 01356-01RE
 Misc : 4.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-J

Quant Time: Jan 31 01:49:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

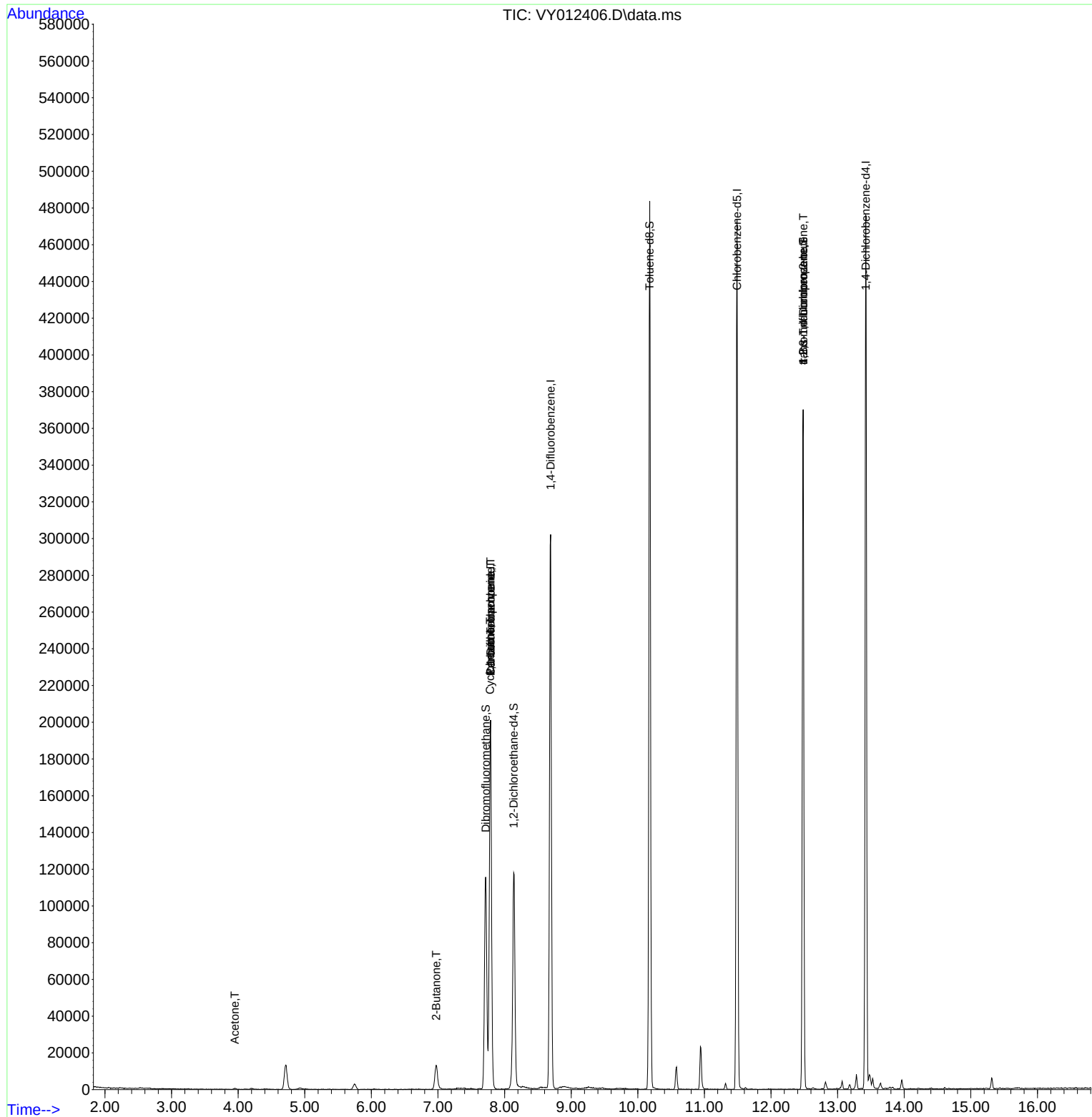
Internal Standards						
1) Pentafluorobenzene	7.789	168	159808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	269431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97158	75.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.680%	
35) Dibromofluoromethane	7.716	113	78288	54.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.760%	
50) Toluene-d8	10.179	98	318544	65.813	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 131.620%	
62) 4-Bromofluorobenzene	12.483	95	108307	53.854	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	1039	Below Cal	#	74
16) Acetone	3.948	43	883	1.984	ug/l	92
20) Methylene Chloride	4.716	84	11133	Below Cal	#	86
25) 2-Butanone	6.972	43	552	1.124	ug/l	# 46
31) Cyclohexane	7.783	56	2639	1.133	ug/l	# 26
36) 1,1-Dichloropropene	7.789	75	10503	4.332	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	15843	5.059	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	58436	49.156	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	58436	101.283	ug/l	# 13

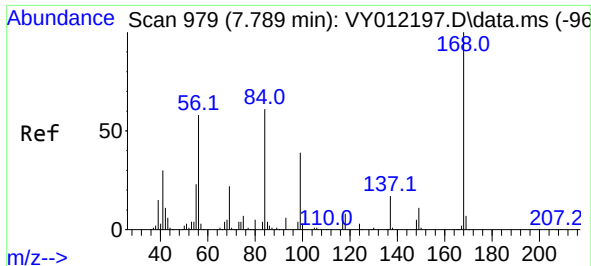
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
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Quant Time: Jan 31 01:49:28 2023
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Response via : Initial Calibration

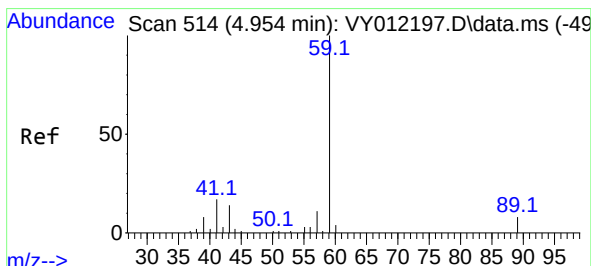
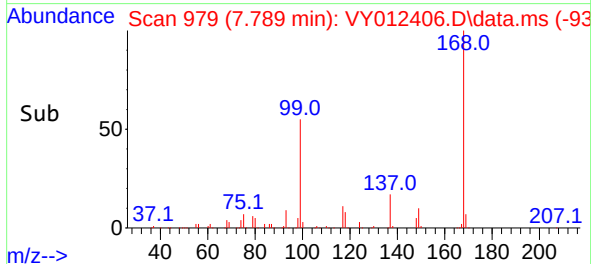
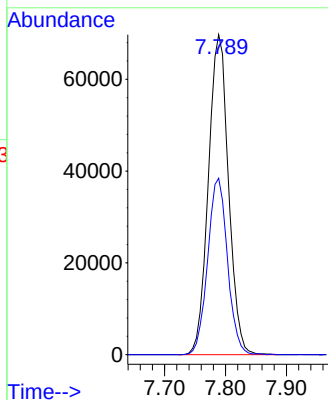
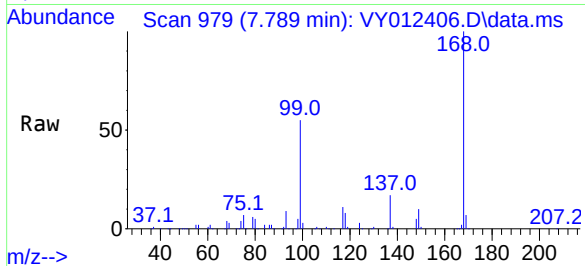




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012406.D
Acq: 30 Jan 2023 18:32

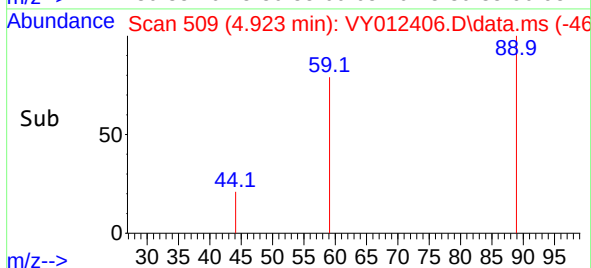
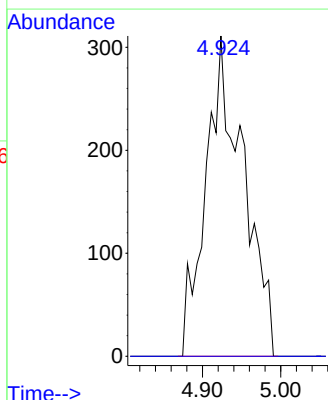
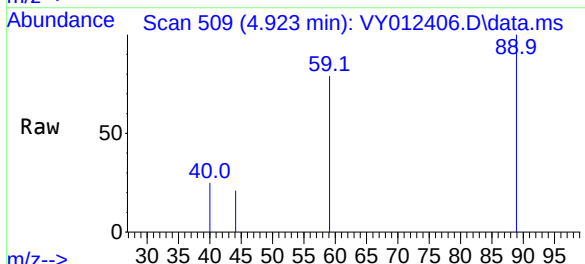
Instrument :
MSVOA_Y
ClientSampleId :
TP-J

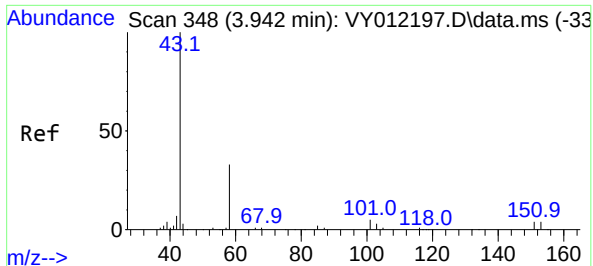
Tgt Ion:168 Resp: 159808
Ion Ratio Lower Upper
168 100
99 55.2 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.025 min
Lab File: VY012406.D
Acq: 30 Jan 2023 18:32

Tgt Ion: 59 Resp: 1039
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

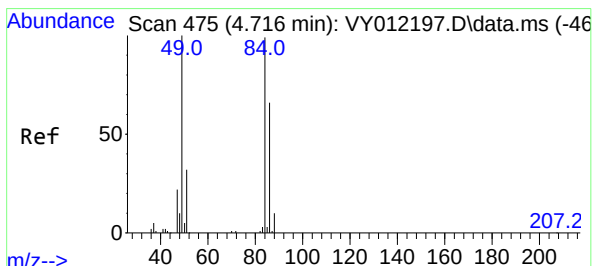
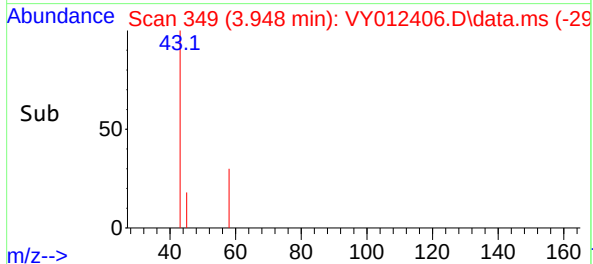
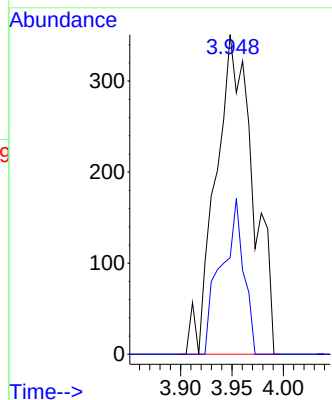
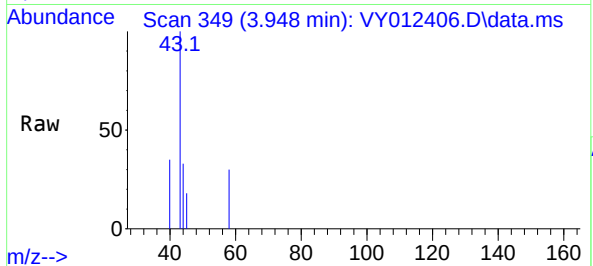




#16
Acetone
Concen: 1.984 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012406.D
Acq: 30 Jan 2023 18:32

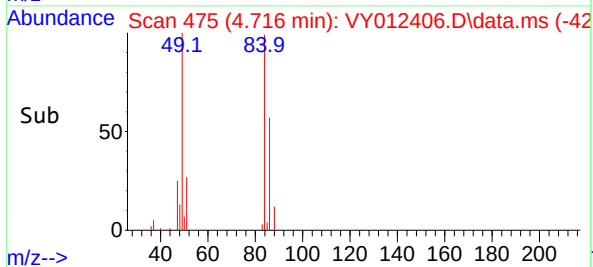
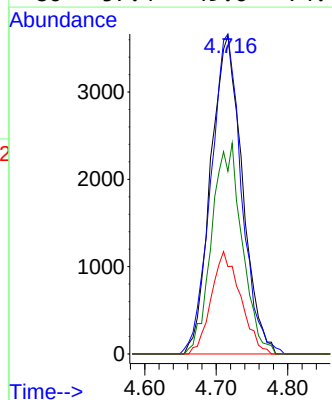
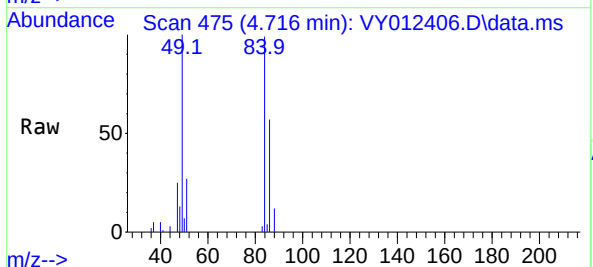
Instrument :
MSVOA_Y
ClientSampleId :
TP-J

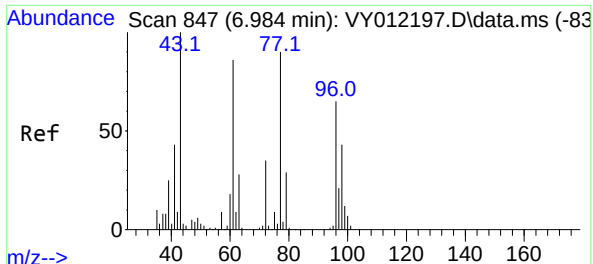
Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
58 30.2 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012406.D
Acq: 30 Jan 2023 18:32

Tgt Ion: 84 Resp: 11133
Ion Ratio Lower Upper
84 100
49 100.5 95.4 143.2
51 27.4 29.9 44.9#
86 57.4 49.6 74.4





#25

2-Butanone

Concen: 1.124 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY012406.D

Acq: 30 Jan 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

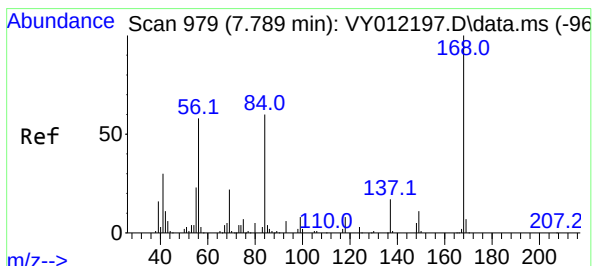
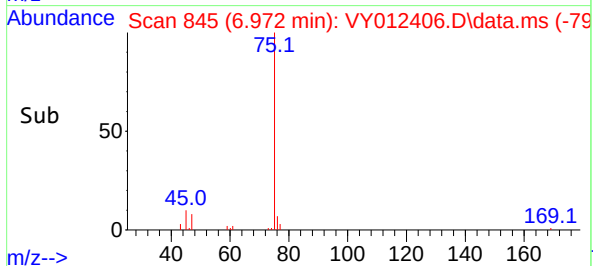
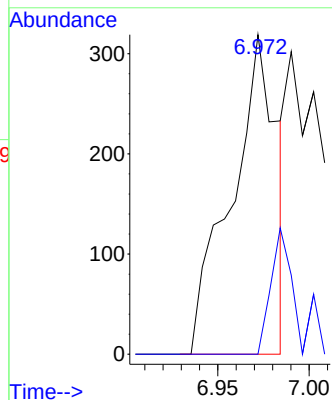
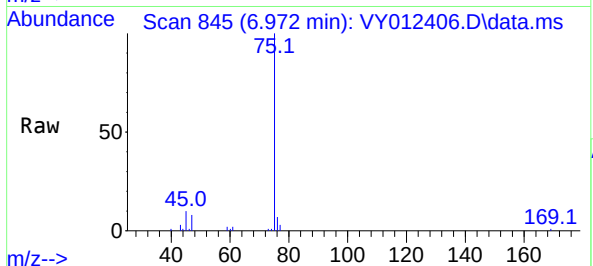
TP-J

Tgt Ion: 43 Resp: 552

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#



#31

Cyclohexane

Concen: 1.133 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY012406.D

Acq: 30 Jan 2023 18:32

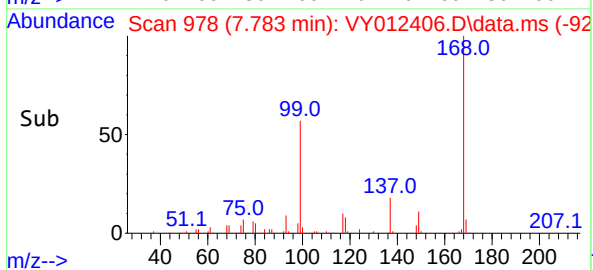
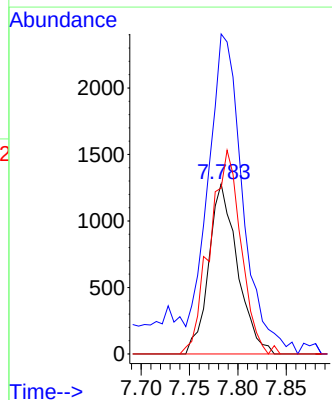
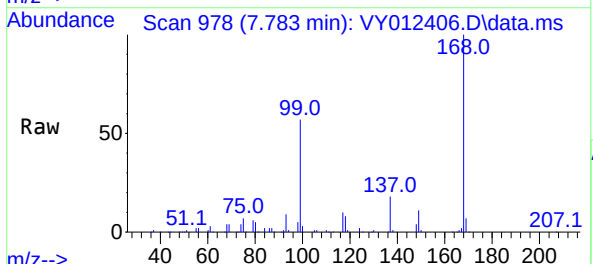
Tgt Ion: 56 Resp: 2639

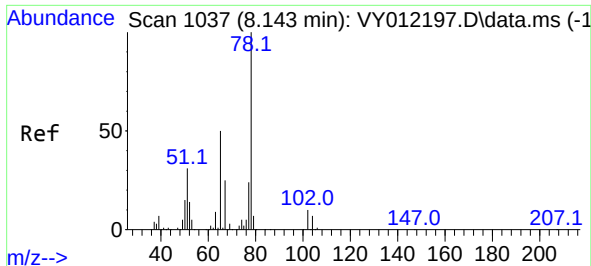
Ion Ratio Lower Upper

56 100

69 179.0 29.2 43.8#

84 97.6 72.6 108.8





#33

1,2-Dichloroethane-d4

Concen: 75.340 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY012406.D

Acq: 30 Jan 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

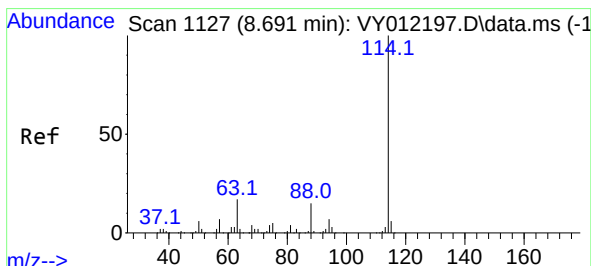
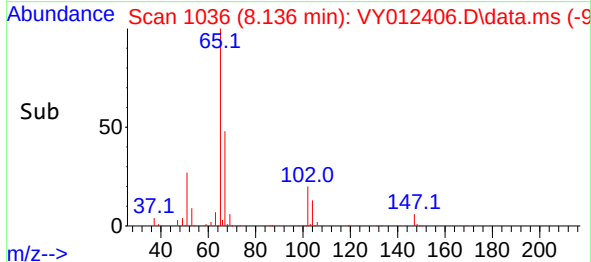
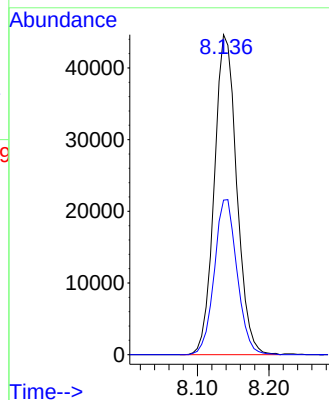
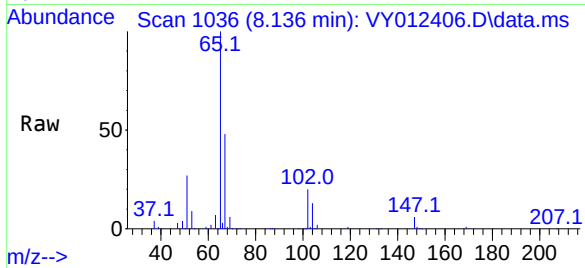
TP-J

Tgt Ion: 65 Resp: 97158

Ion Ratio Lower Upper

65 100

67 49.2 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012406.D

Acq: 30 Jan 2023 18:32

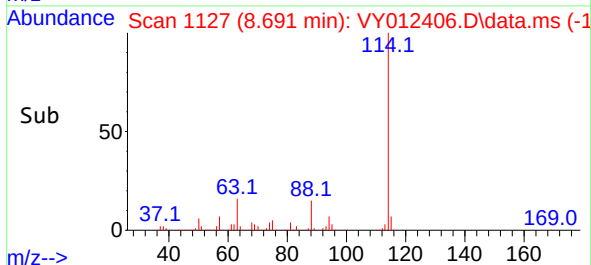
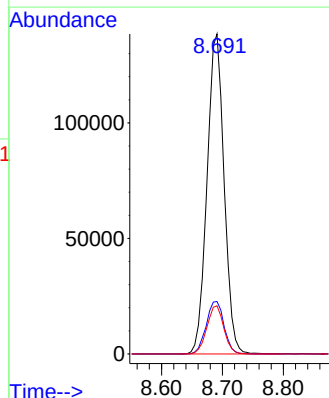
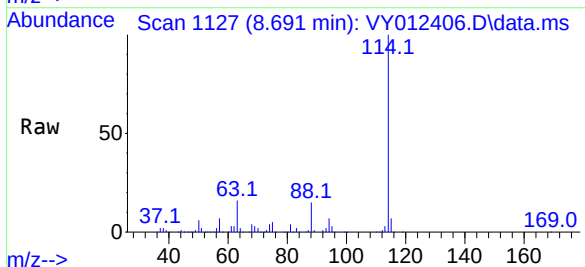
Tgt Ion: 114 Resp: 269431

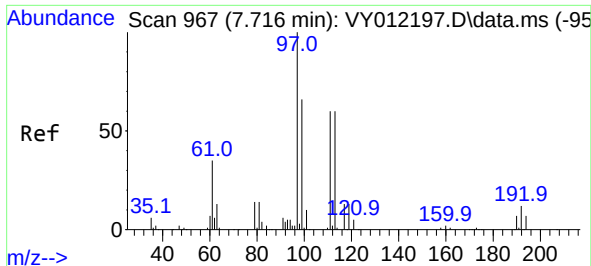
Ion Ratio Lower Upper

114 100

63 16.4 0.0 39.6

88 15.0 0.0 32.2



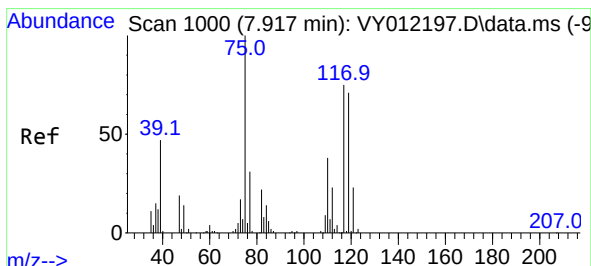
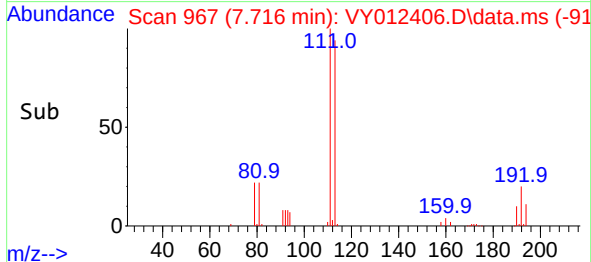
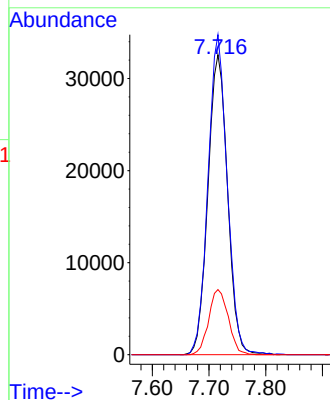
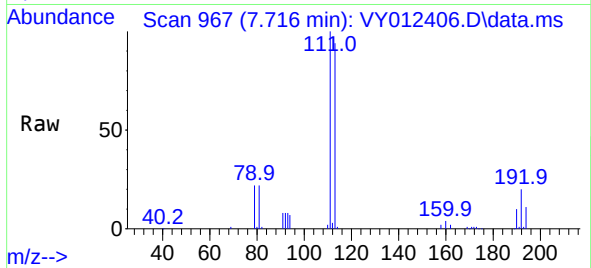


#35
Dibromofluoromethane
Concen: 54.876 ug/l
RT: 7.716 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY012406.D
Acq: 30 Jan 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :
TP-J

Tgt Ion:113 Resp: 78288

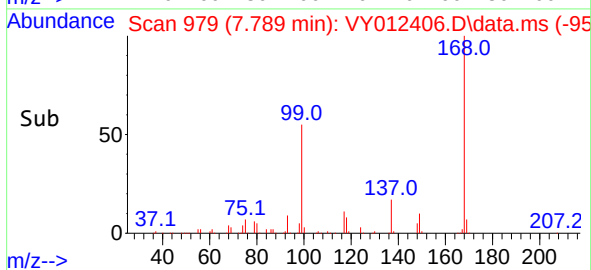
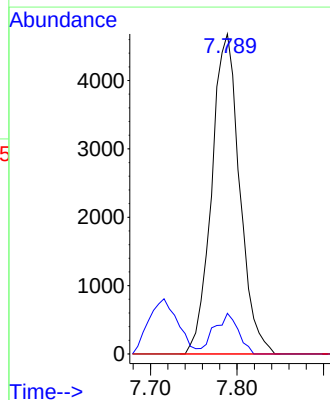
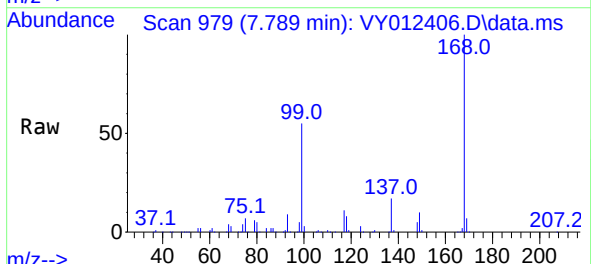
Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.0	124.4
192	21.7	16.0	24.0

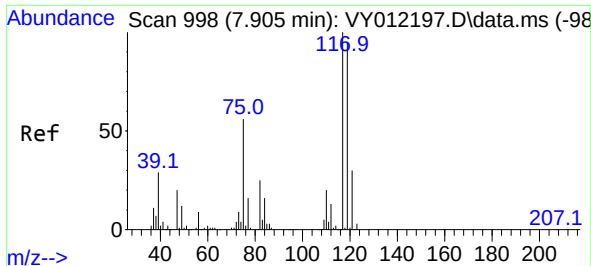


#36
1,1-Dichloropropene
Concen: 4.332 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012406.D
Acq: 30 Jan 2023 18:32

Tgt Ion: 75 Resp: 10503

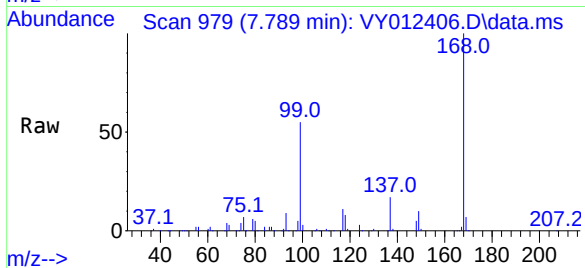
Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.1	54.1#
77	0.0	25.1	37.7#



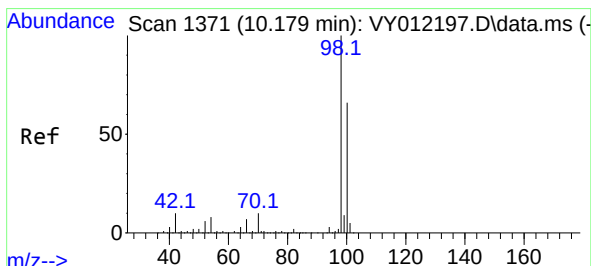
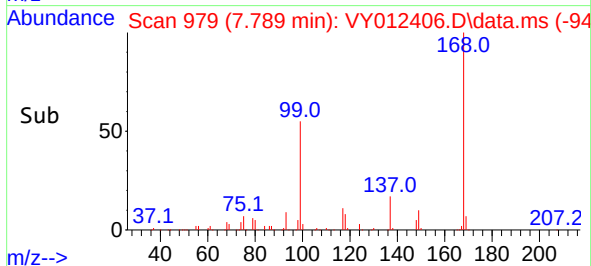
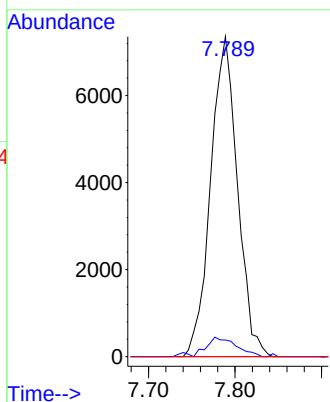


#38
Carbon Tetrachloride
Concen: 5.059 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012406.D
Acq: 30 Jan 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :
TP-J

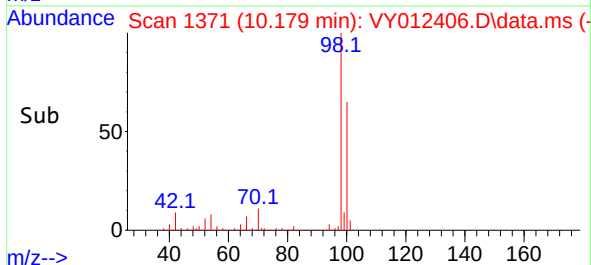
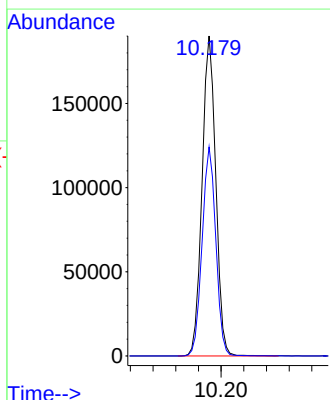
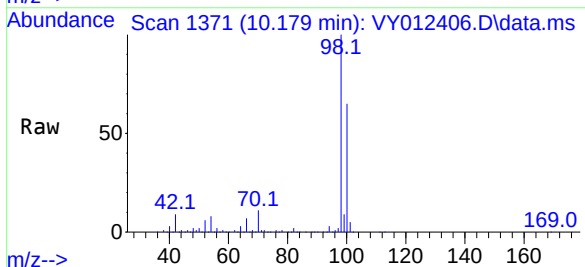


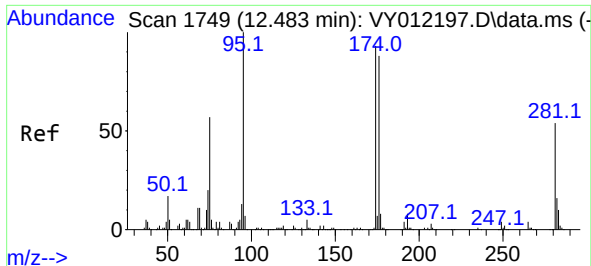
Tgt Ion:117 Resp: 15843
Ion Ratio Lower Upper
117 100
119 5.2 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 65.813 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012406.D
Acq: 30 Jan 2023 18:32

Tgt Ion: 98 Resp: 318544
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

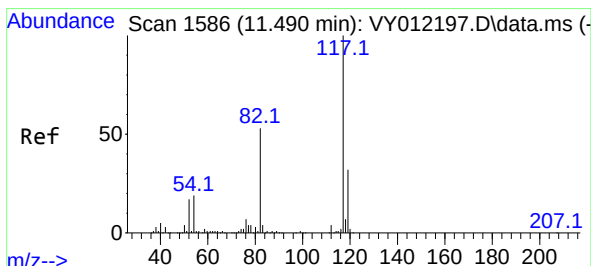
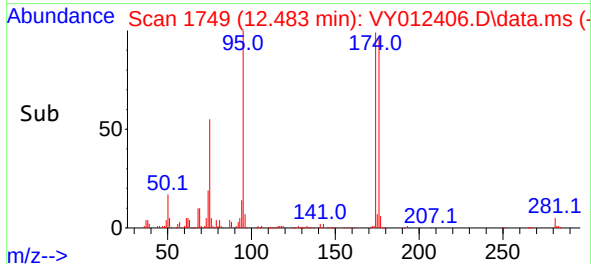
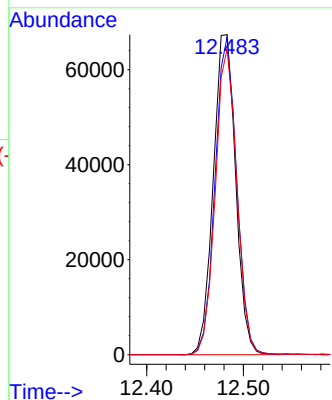
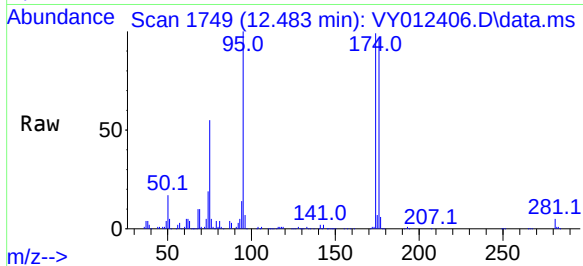




#62
4-Bromofluorobenzene
Concen: 53.854 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012406.D
Acq: 30 Jan 2023 18:32

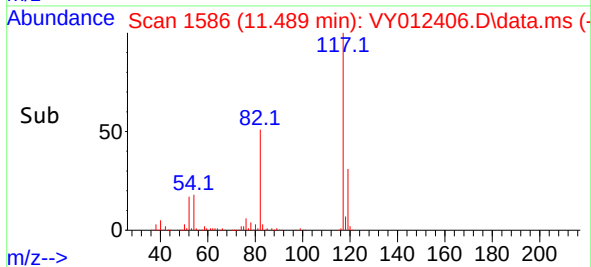
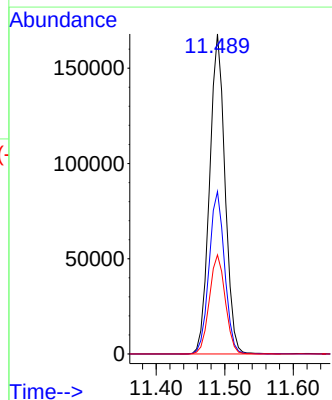
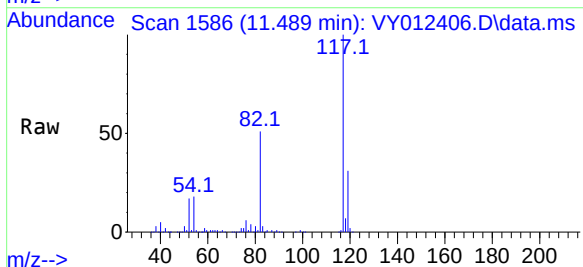
Instrument :
MSVOA_Y
ClientSampleId :
TP-J

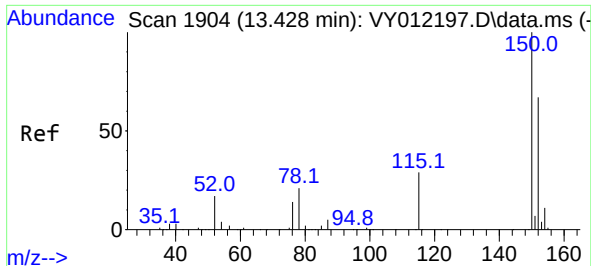
Tgt Ion: 95 Resp: 108307
Ion Ratio Lower Upper
95 100
174 95.7 0.0 172.0
176 91.8 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012406.D
Acq: 30 Jan 2023 18:32

Tgt Ion: 117 Resp: 262992
Ion Ratio Lower Upper
117 100
82 50.8 44.8 67.2
119 31.0 25.4 38.2

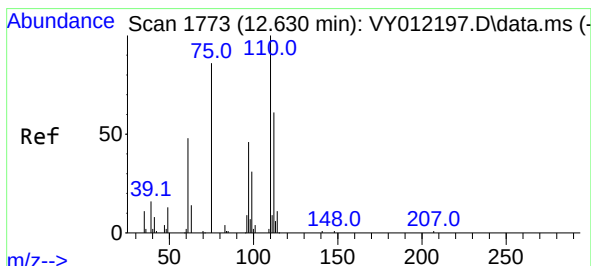
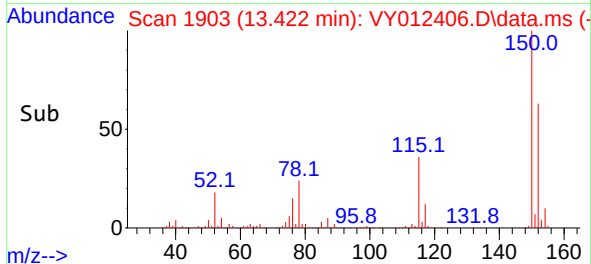
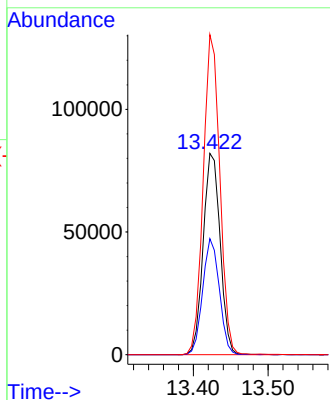
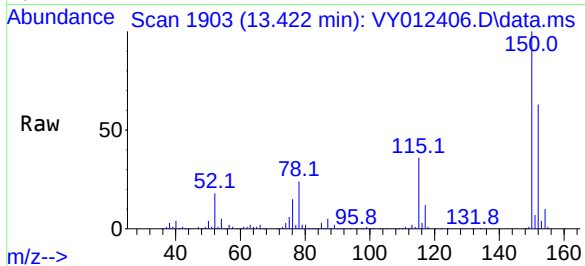




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012406.D
Acq: 30 Jan 2023 18:32

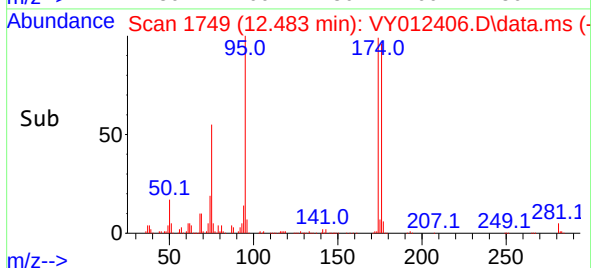
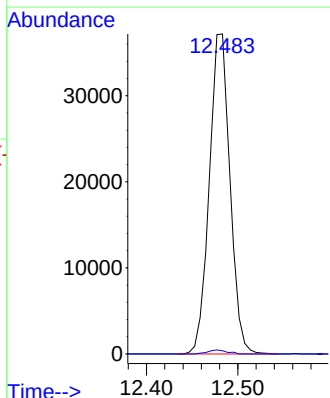
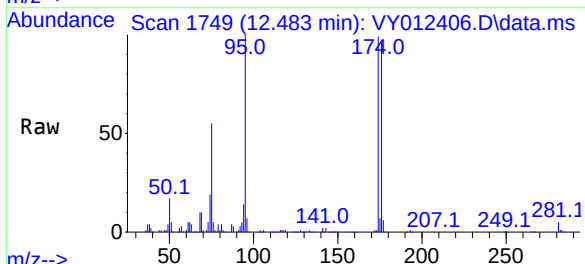
Instrument :
MSVOA_Y
ClientSampleId :
TP-J

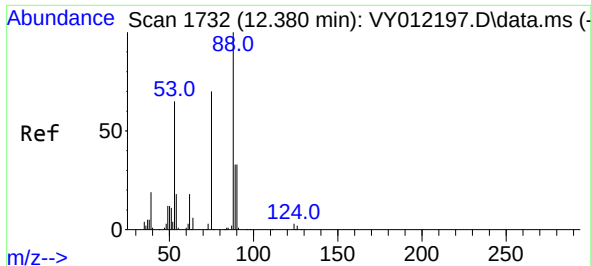
Tgt Ion:152 Resp: 129281
Ion Ratio Lower Upper
152 100
115 56.6 29.1 87.3
150 155.7 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 49.156 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012406.D
Acq: 30 Jan 2023 18:32

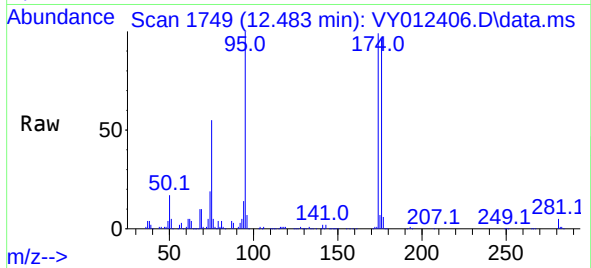
Tgt Ion: 75 Resp: 58436
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 101.283 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY012406.D
Acq: 30 Jan 2023 18:32

Instrument :
MSVOA_Y
ClientSampleId :
TP-J



Tgt Ion: 75 Resp: 58436
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

