

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101322\
 Data File : VY010958.D
 Acq On : 13 Oct 2022 14:57
 Operator : KP/MD
 Sample : N5105-05
 Misc : 6.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5

Quant Time: Oct 14 02:11:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	203524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	351445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	308901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135793	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143054	69.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.680%
35) Dibromofluoromethane	7.716	113	138889	59.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.060%
50) Toluene-d8	10.179	98	491119	61.557	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	123.120%
62) 4-Bromofluorobenzene	12.477	95	158915	51.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.120%

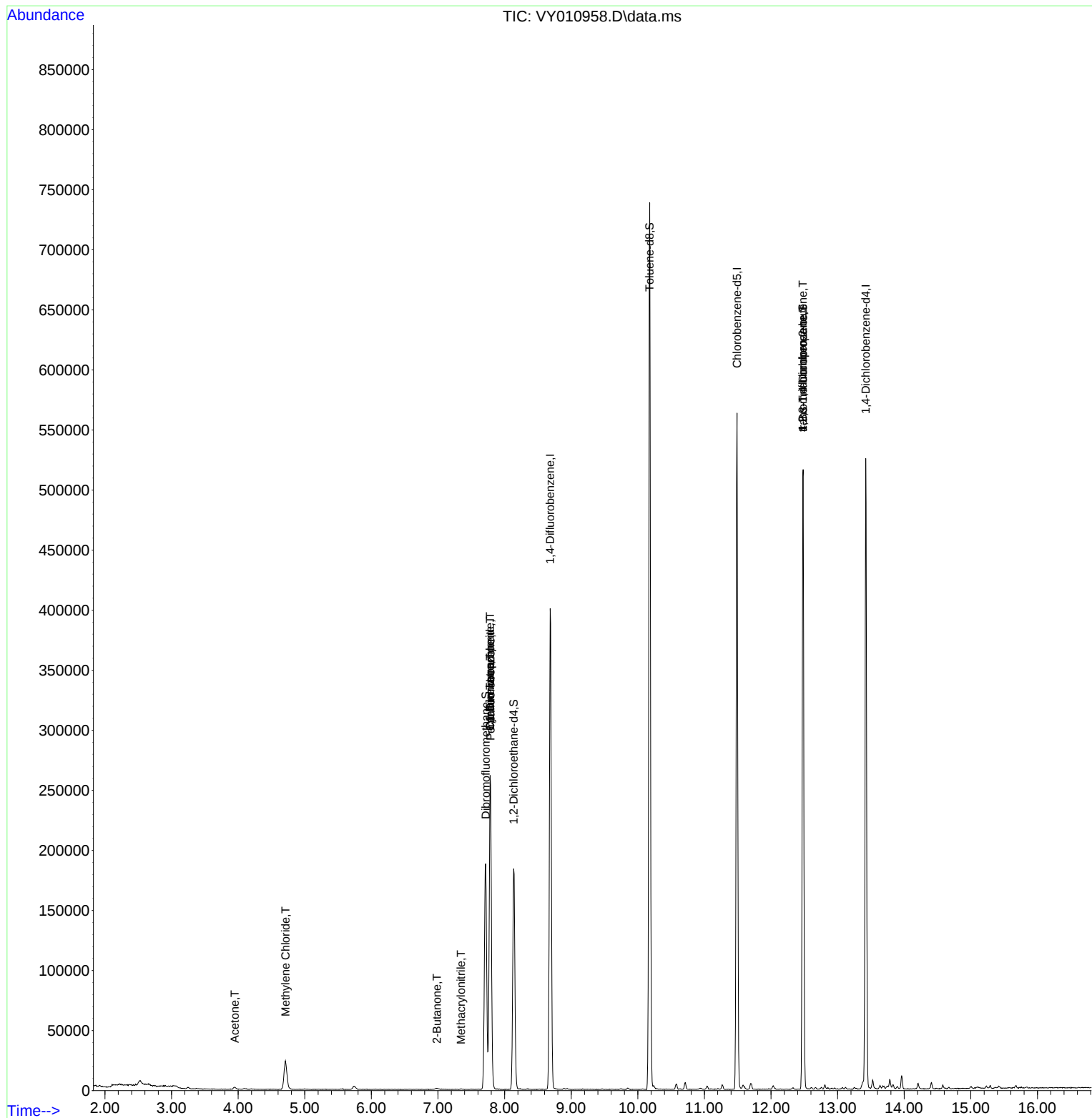
Target Compounds					Qvalue
11) Tert butyl alcohol	4.948	59	185	Below Cal	# 77
16) Acetone	3.948	43	2915	5.564	ug/l # 89
20) Methylene Chloride	4.710	84	18250	3.047	ug/l # 88
25) 2-Butanone	6.984	43	874	1.160	ug/l # 54
31) Cyclohexane	7.783	56	4157	1.126	ug/l # 1
36) 1,1-Dichloropropene	7.783	75	15903	4.722	ug/l # 50
38) Carbon Tetrachloride	7.783	117	20445	5.829	ug/l # 15
41) Methacrylonitrile	7.344	41	209	2.786	ug/l # 1
76) 1,2,3-Trichloropropane	12.477	75	79059	57.491	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.477	75	79059	120.093	ug/l # 7

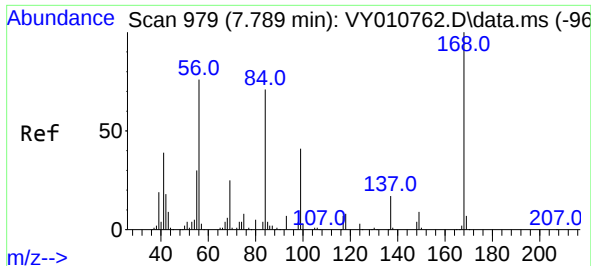
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101322\
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ALS Vial : 11 Sample Multiplier: 1

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MSVOA_Y
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

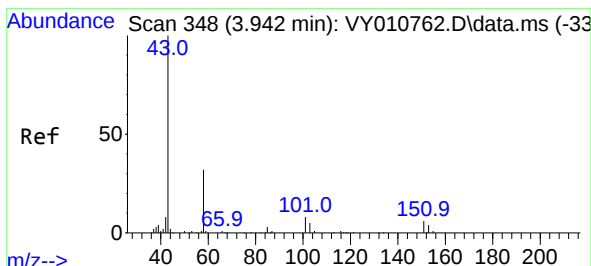
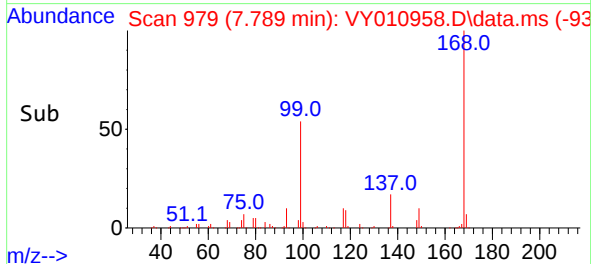
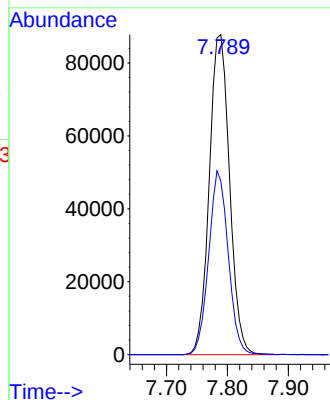
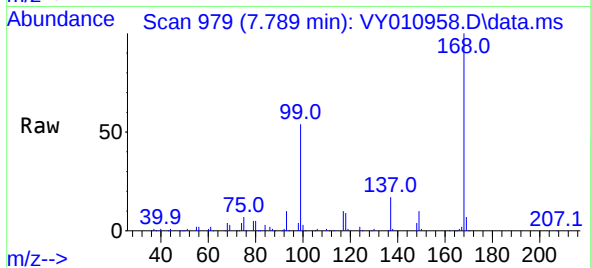




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

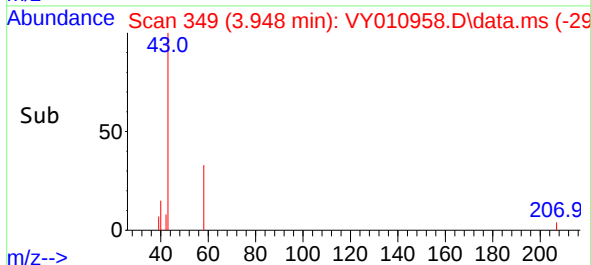
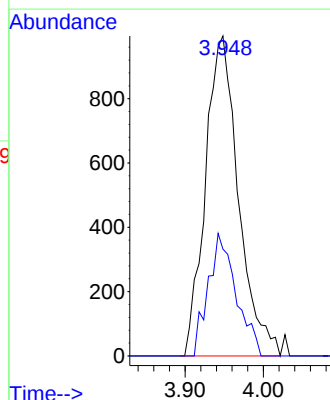
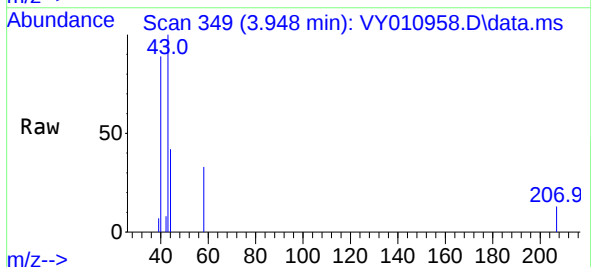
Instrument :
MSVOA_Y
ClientSampleId :
WC-5

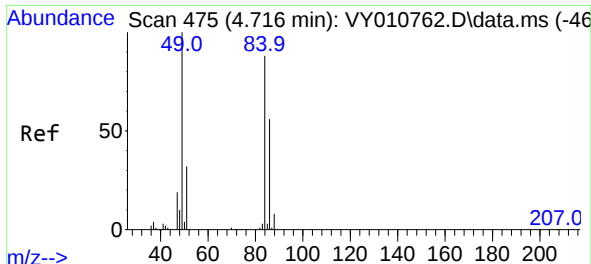
Tgt Ion:168 Resp: 203524
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#16
Acetone
Concen: 5.564 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

Tgt Ion: 43 Resp: 2915
Ion Ratio Lower Upper
43 100
58 33.4 22.0 33.0#



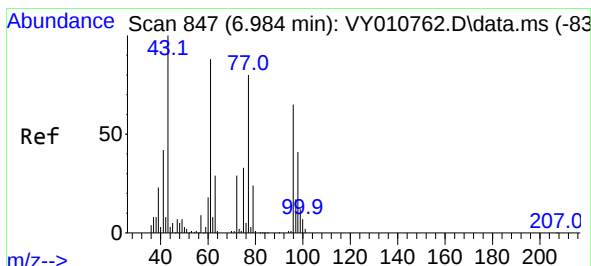
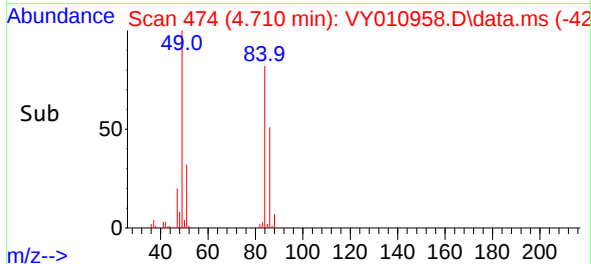
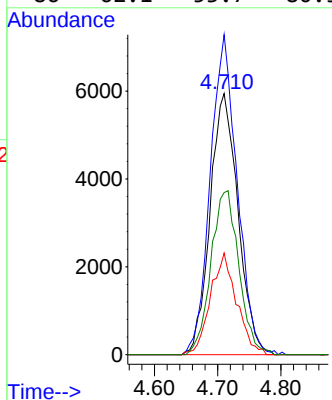
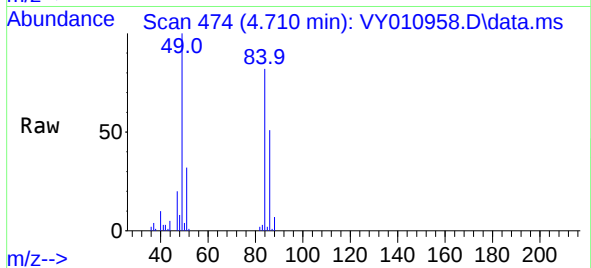


#20
Methylene Chloride
Concen: 3.047 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

Instrument :
MSVOA_Y
ClientSampleId :
WC-5

Tgt Ion: 84 Resp: 18250

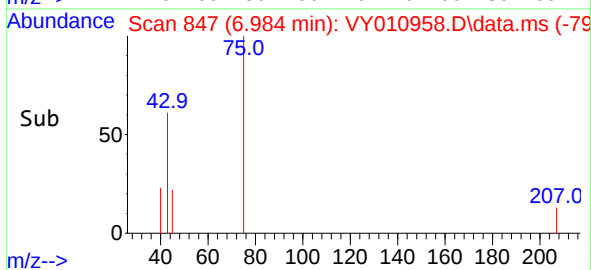
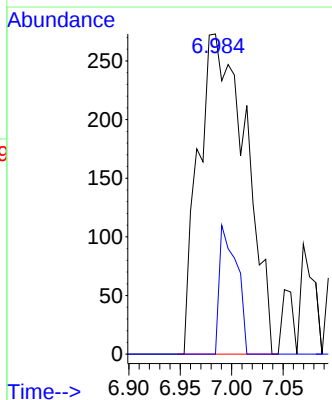
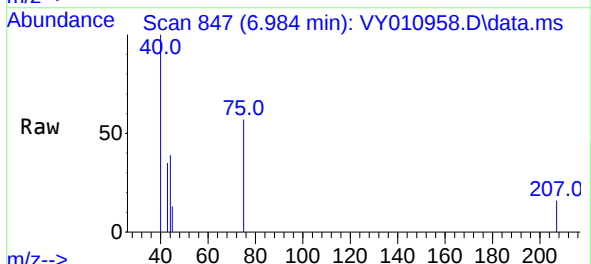
Ion	Ratio	Lower	Upper
84	100		
49	122.5	114.4	171.6
51	38.9	35.3	52.9
86	62.1	53.7	80.5

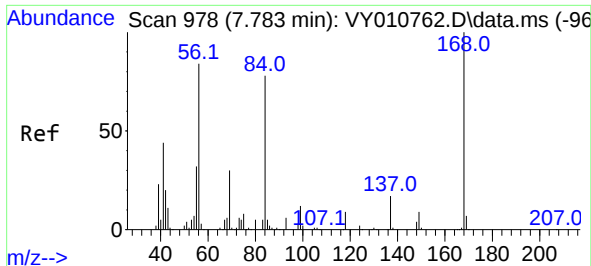


#25
2-Butanone
Concen: 1.160 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

Tgt Ion: 43 Resp: 874

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

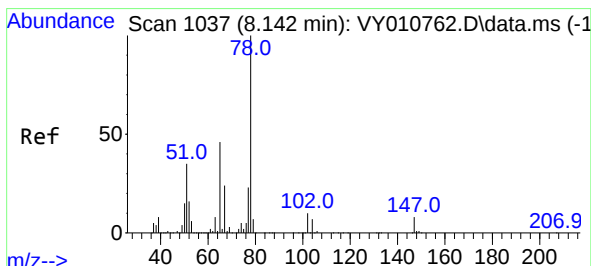
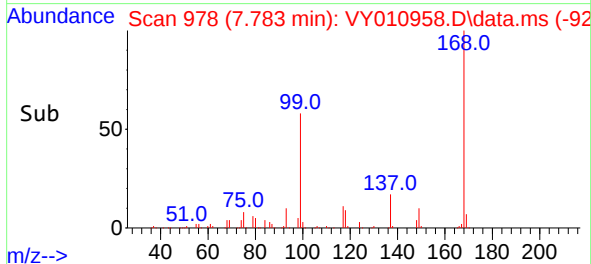
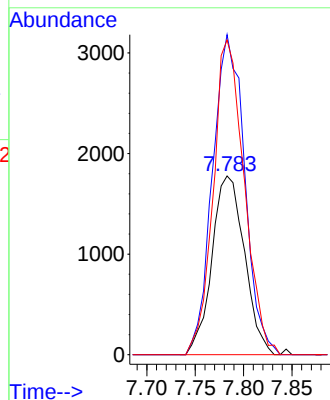
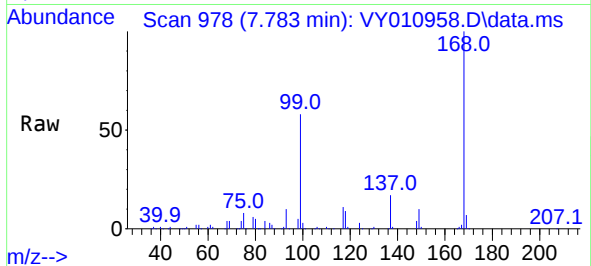




#31
Cyclohexane
Concen: 1.126 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

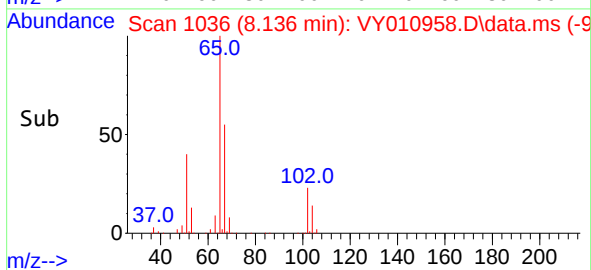
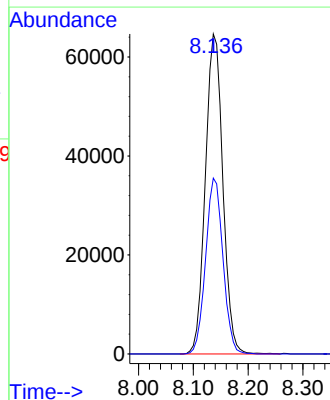
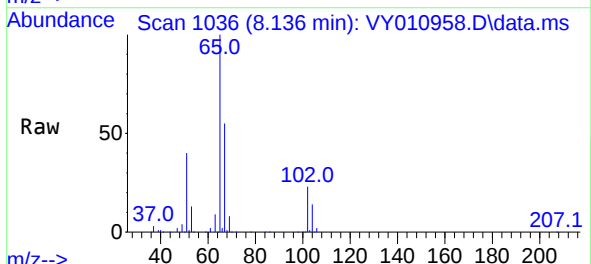
Instrument :
MSVOA_Y
ClientSampleId :
WC-5

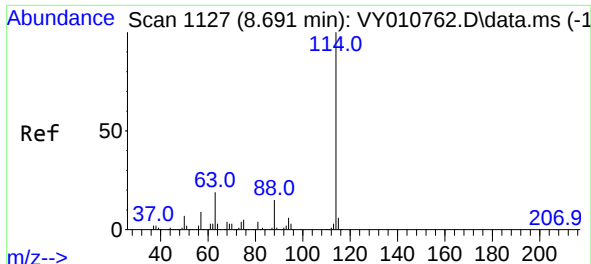
Tgt Ion: 56 Resp: 4157
Ion Ratio Lower Upper
56 100
69 179.1 26.7 40.1#
84 176.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 69.344 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

Tgt Ion: 65 Resp: 143054
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010958.D

Acq: 13 Oct 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

WC-5

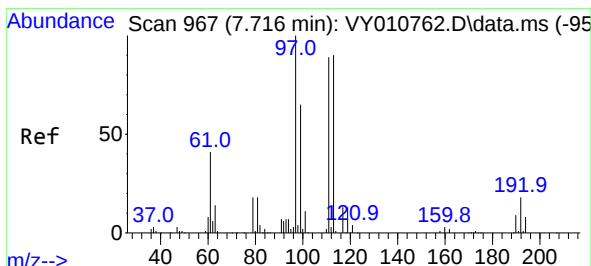
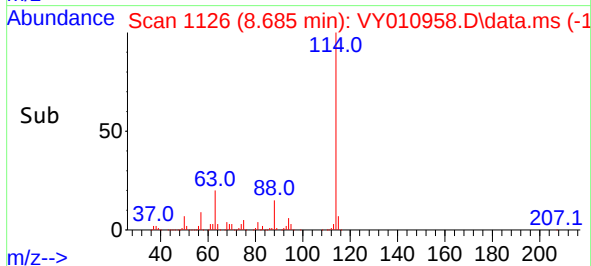
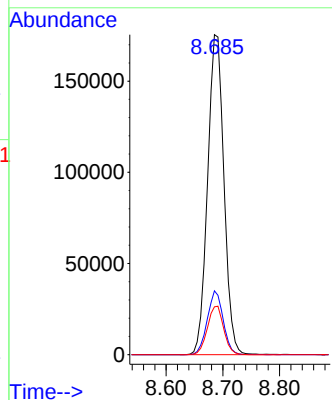
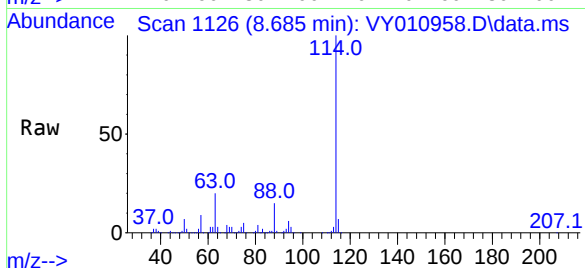
Tgt Ion:114 Resp: 351445

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 59.535 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010958.D

Acq: 13 Oct 2022 14:57

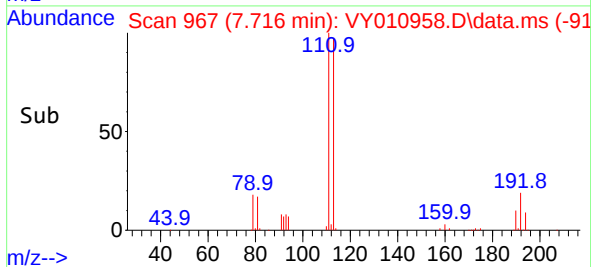
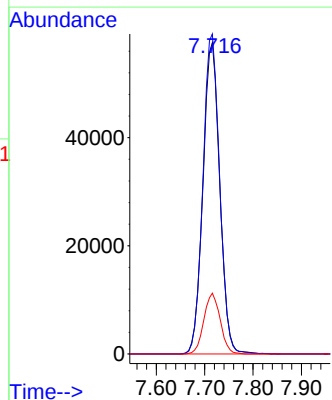
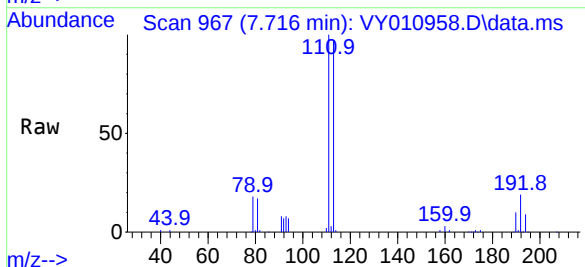
Tgt Ion:113 Resp: 138889

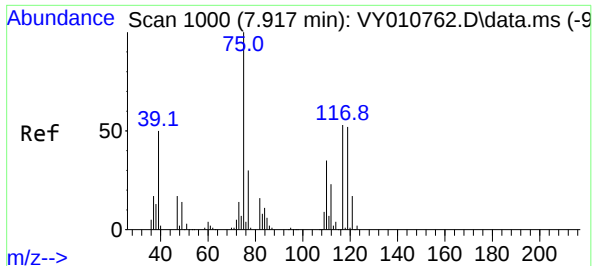
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 19.0 17.6 26.4

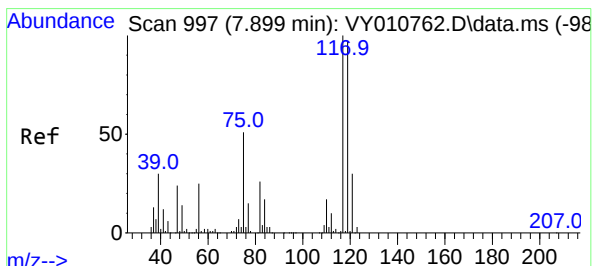
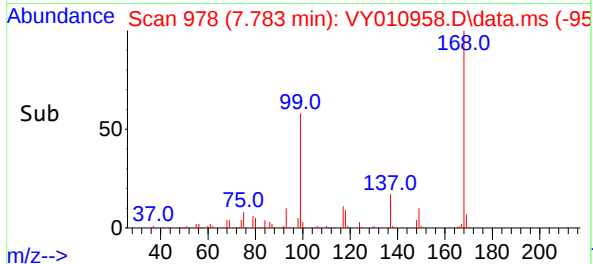
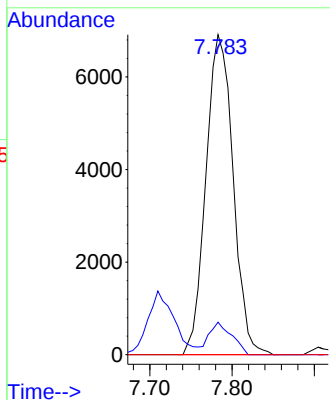
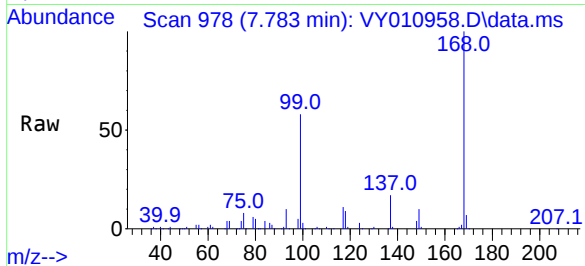




#36
1,1-Dichloropropene
Concen: 4.722 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

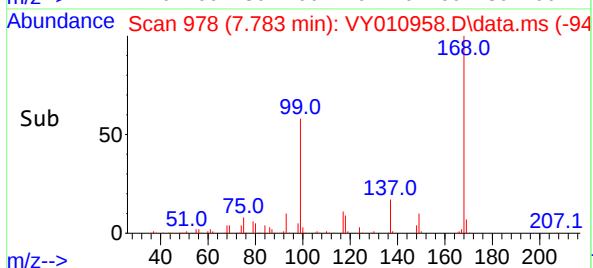
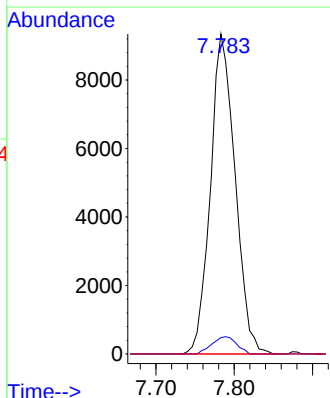
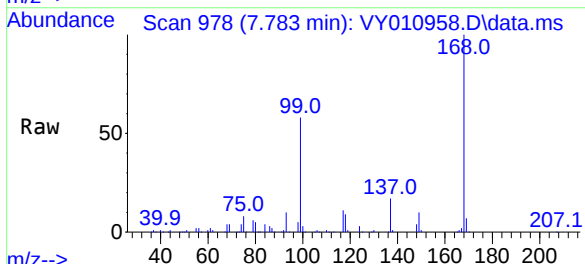
Instrument :
MSVOA_Y
ClientSampleId :
WC-5

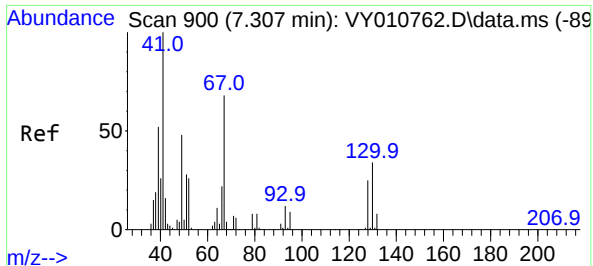
Tgt Ion: 75 Resp: 15903
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.829 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

Tgt Ion: 117 Resp: 20445
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#

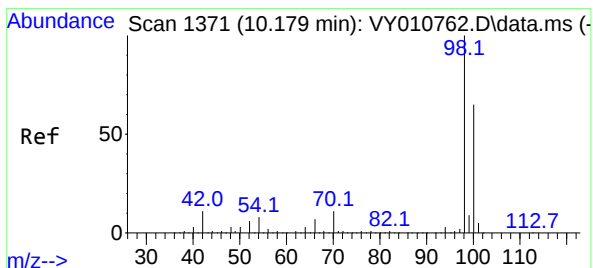
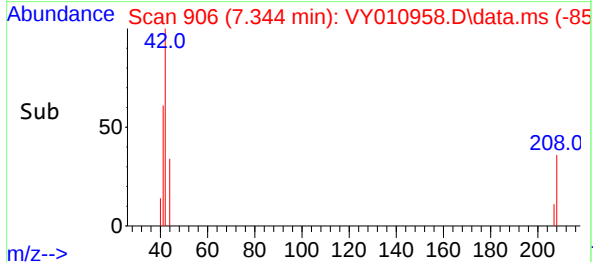
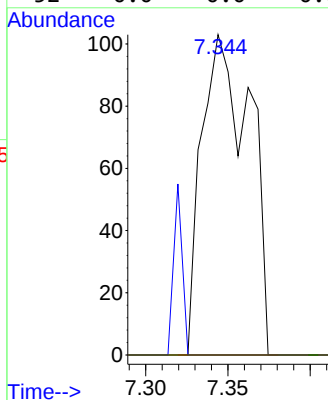
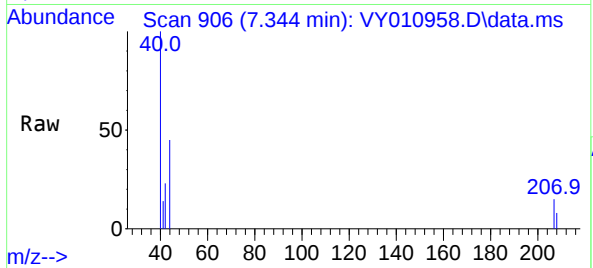




#41
Methacrylonitrile
Concen: 2.786 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

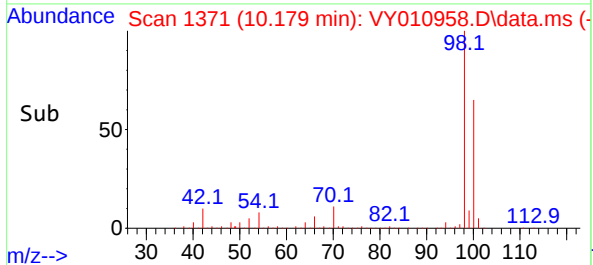
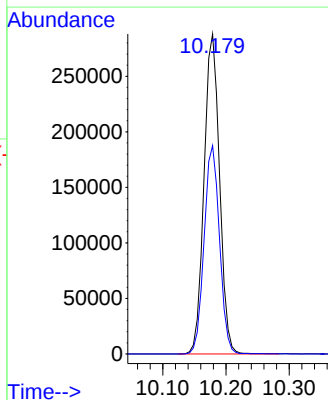
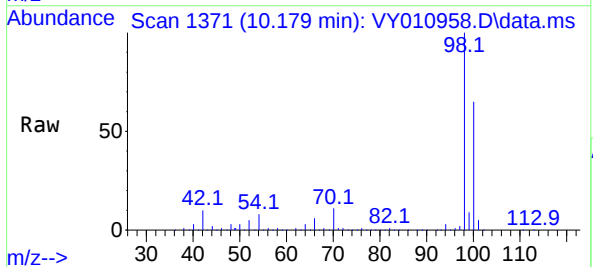
Instrument :
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WC-5

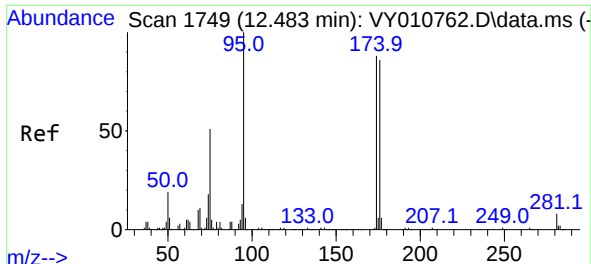
Tgt Ion: 41	Resp: 209
Ion Ratio	Lower Upper
41 100	
39 0.0	92.9 139.3#
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#50
Toluene-d8
Concen: 61.557 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

Tgt Ion: 98	Resp: 491119
Ion Ratio	Lower Upper
98 100	
100 64.6	50.2 75.2

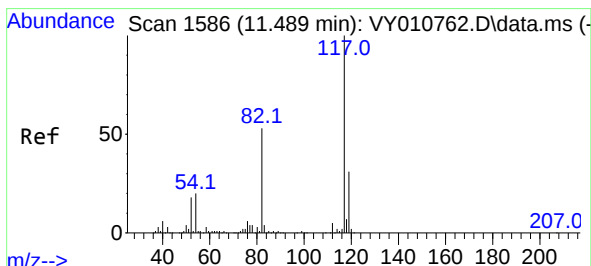
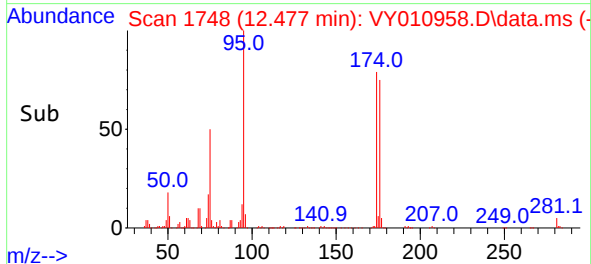
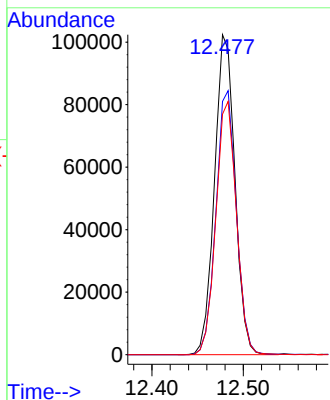
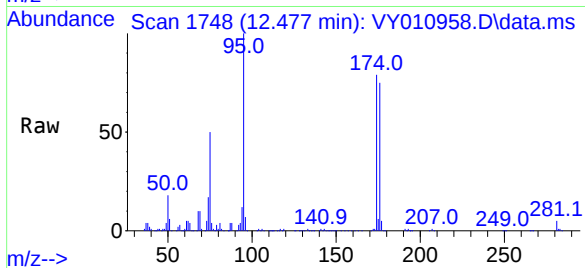




#62
4-Bromofluorobenzene
Concen: 51.061 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

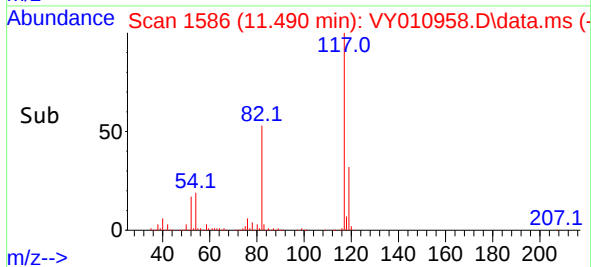
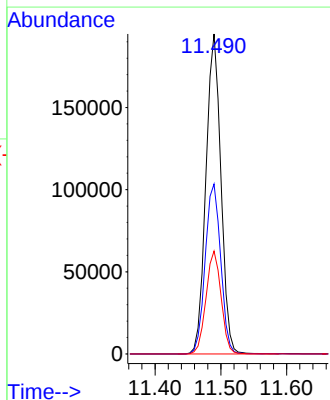
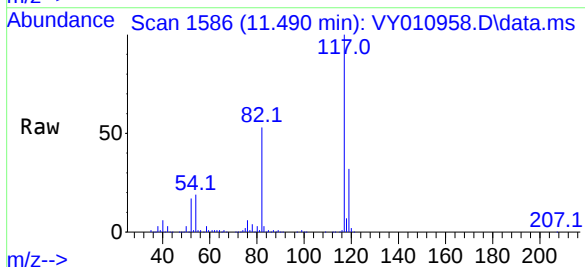
Instrument :
MSVOA_Y
ClientSampleId :
WC-5

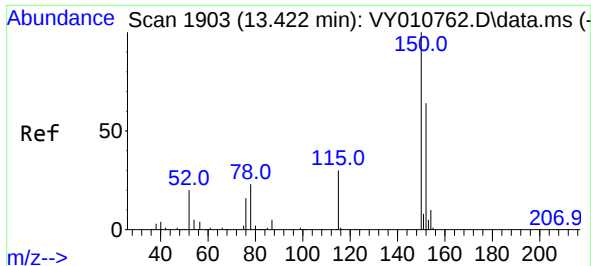
Tgt Ion: 95 Resp: 158915
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 79.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

Tgt Ion: 117 Resp: 308901
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.2 25.4 38.0

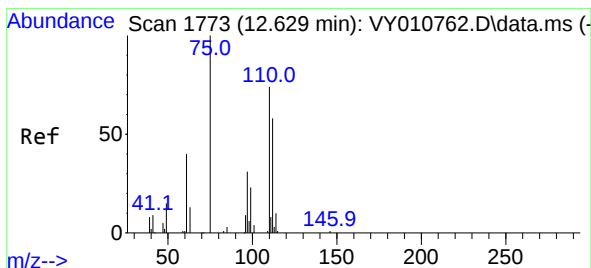
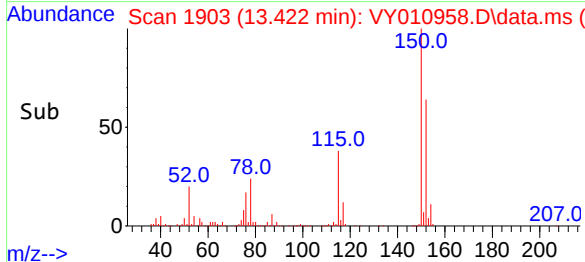
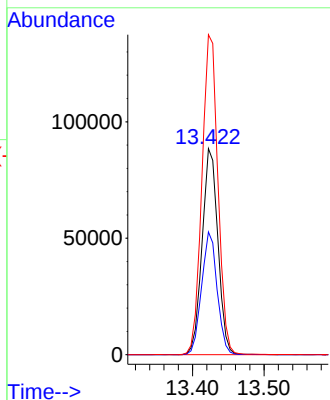
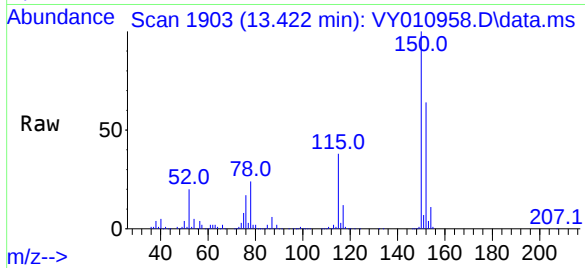




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

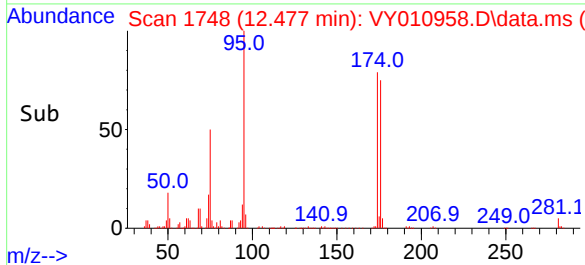
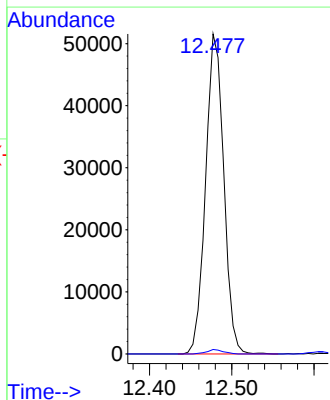
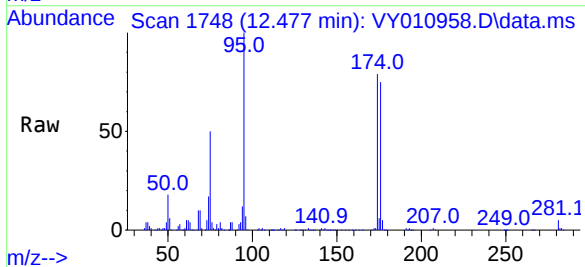
Instrument :
MSVOA_Y
ClientSampleId :
WC-5

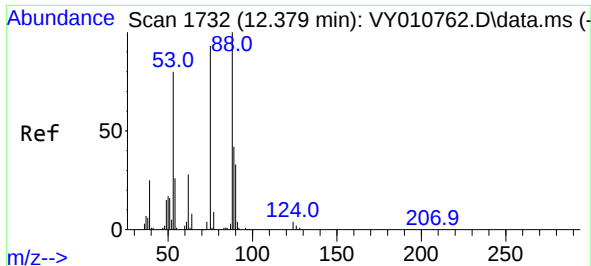
Tgt Ion:152 Resp: 135793
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 157.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 57.491 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010958.D
Acq: 13 Oct 2022 14:57

Tgt Ion: 75 Resp: 79059
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.093 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY010958.D
 Acq: 13 Oct 2022 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5

Tgt Ion: 75 Resp: 79059
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

