

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010543.D
 Acq On : 16 Sep 2022 18:24
 Operator : KP/MD
 Sample : N4630-04
 Misc : 3.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17-4-1-GR

Quant Time: Sep 17 00:30:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

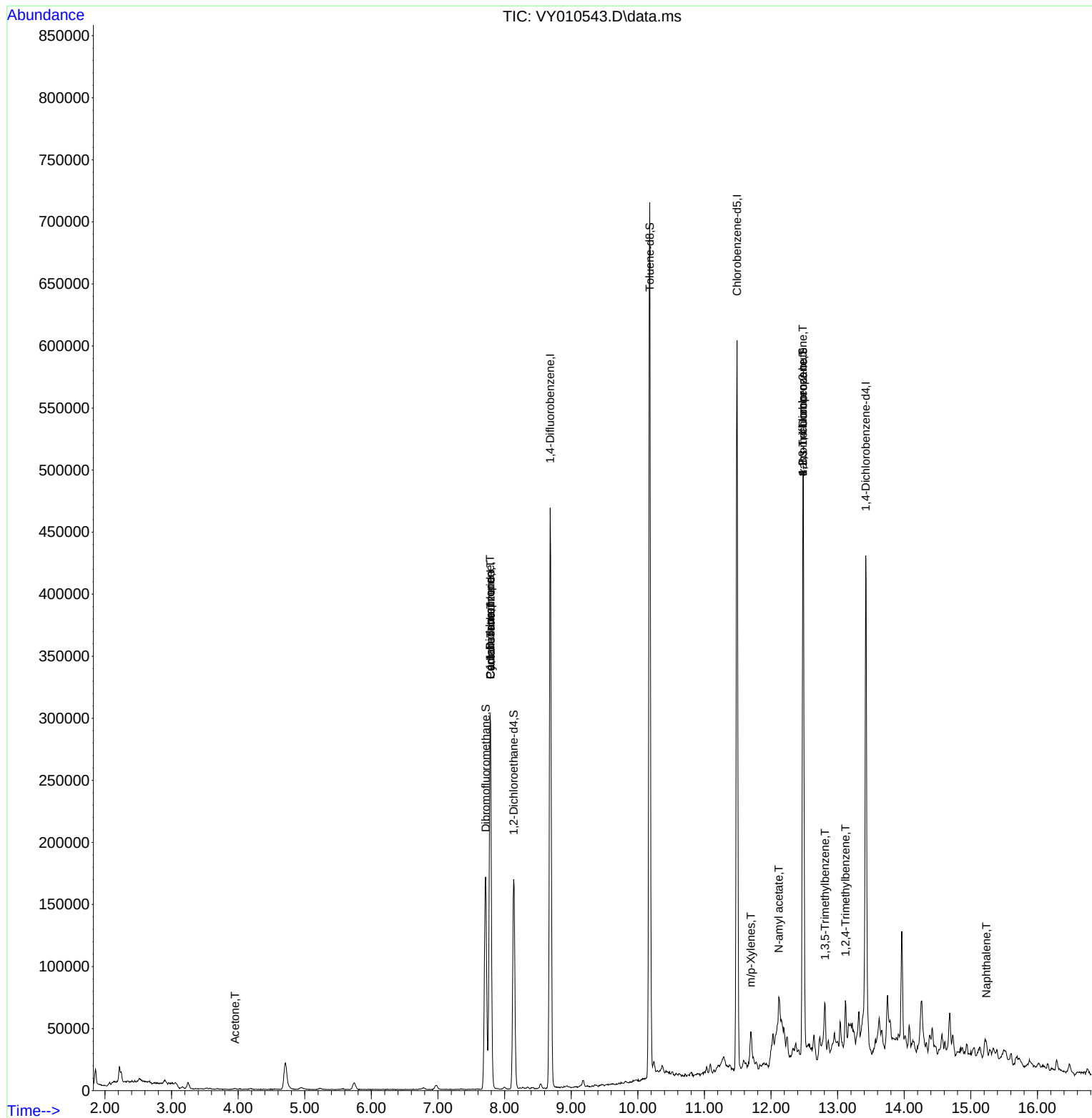
Internal Standards						
1) Pentafluorobenzene	7.789	168	239081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	400873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	321494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	134270	55.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.520%
35) Dibromofluoromethane	7.716	113	121800	42.781	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.560%
50) Toluene-d8	10.179	98	460812	49.942	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.477	95	122662	31.227	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.460%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	206	Below Cal	#	43
11) Tert butyl alcohol	4.948	59	2960	Below Cal	#	88
16) Acetone	3.954	43	1261	2.282	ug/l	98
20) Methylene Chloride	4.710	84	17133	Below Cal		84
31) Cyclohexane	7.789	56	5190	1.276	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	17229	4.420	ug/l #	51
38) Carbon Tetrachloride	7.789	117	22811	5.261	ug/l #	16
68) m/p-Xylenes	11.697	106	8527	1.707	ug/l	85
74) N-amyl acetate	12.117	43	5134	2.909	ug/l #	82
76) 1,2,3-Trichloropropane	12.477	75	62419	58.334	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.812	105	8218	1.288	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.477	75	62419	129.523	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.117	105	20296	3.250	ug/l	99
95) Naphthalene	15.233	128	8477	2.171	ug/l #	95

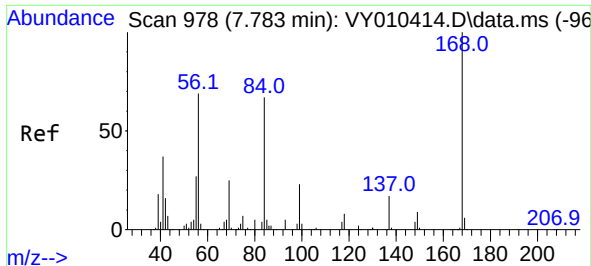
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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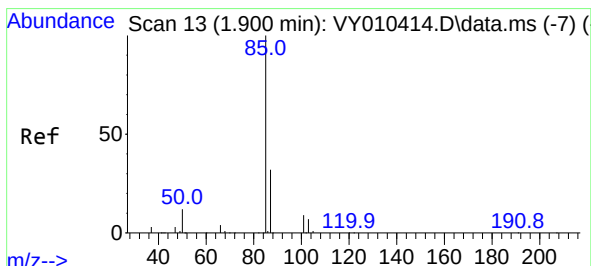
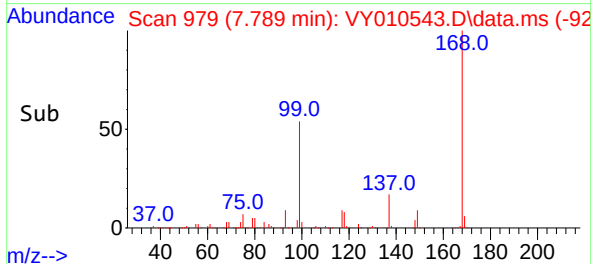
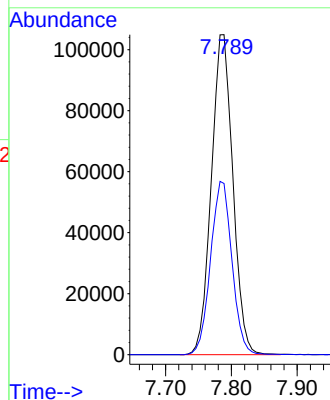
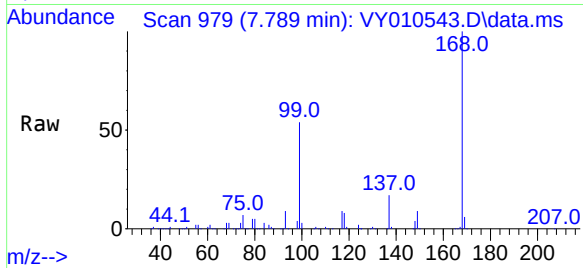




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

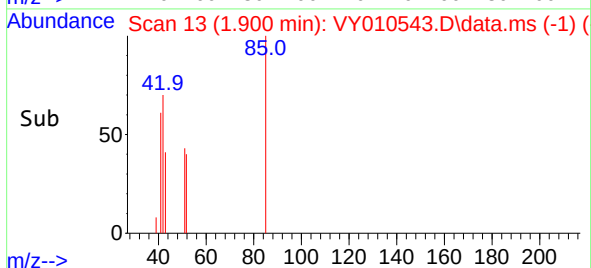
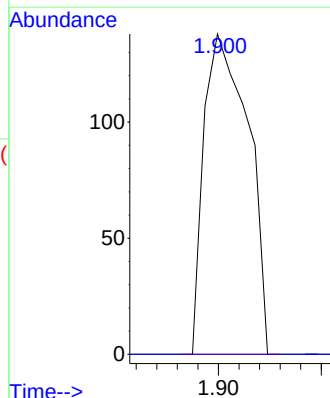
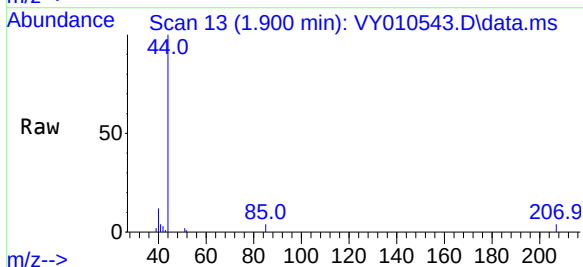
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-1-GR

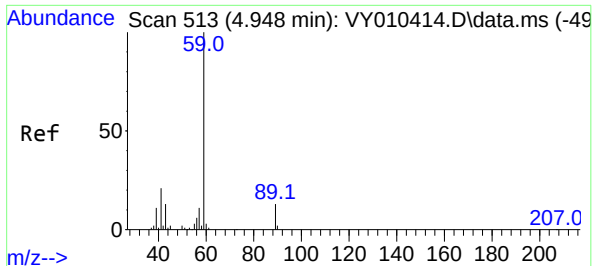
Tgt Ion:168 Resp: 239081
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

Tgt Ion: 85 Resp: 206
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY010543.D

Acq: 16 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

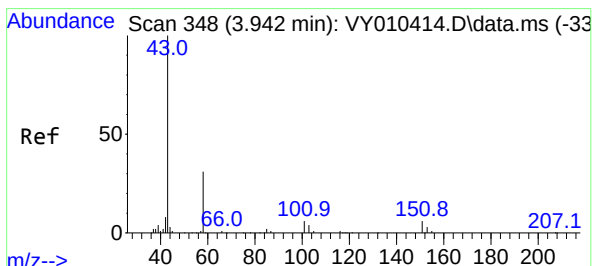
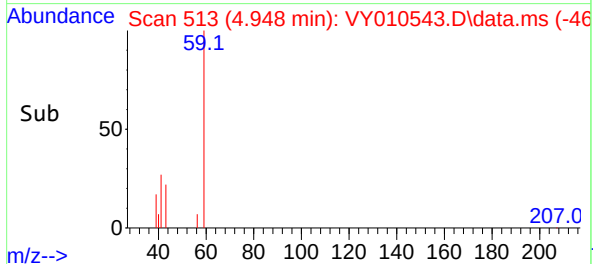
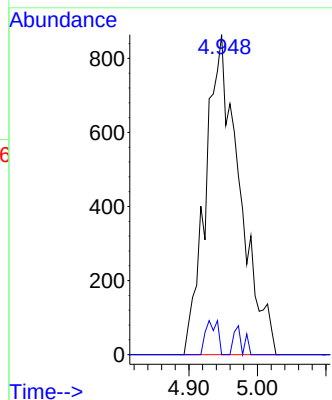
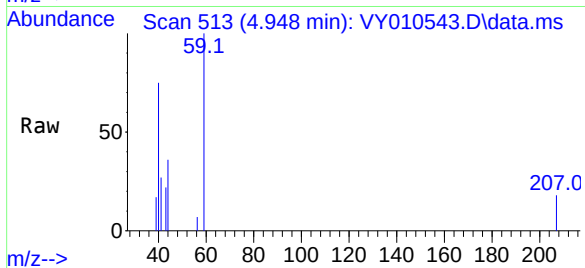
WC-17-4-1-GR

Tgt Ion: 59 Resp: 2960

Ion Ratio Lower Upper

59 100

57 3.8 6.4 9.6#



#16

Acetone

Concen: 2.282 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY010543.D

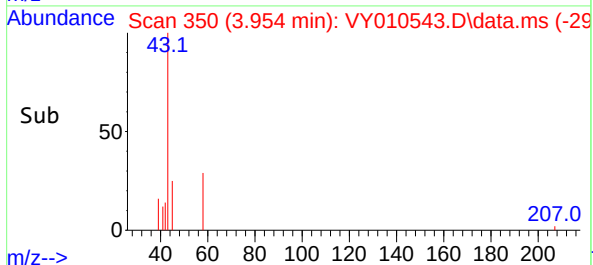
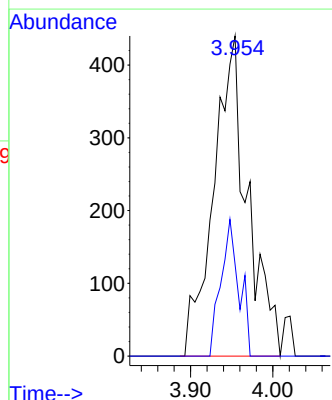
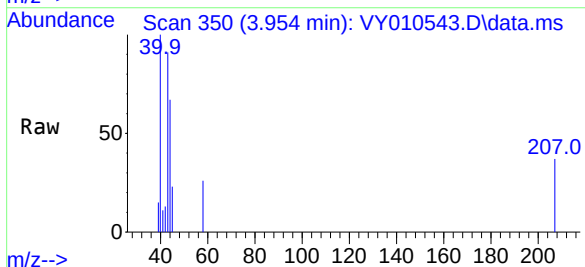
Acq: 16 Sep 2022 18:24

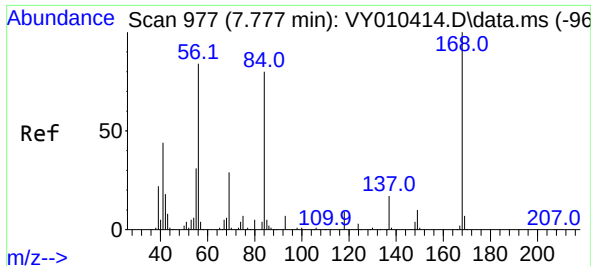
Tgt Ion: 43 Resp: 1261

Ion Ratio Lower Upper

43 100

58 28.6 22.0 33.0

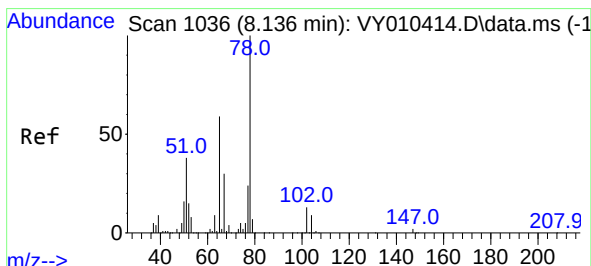
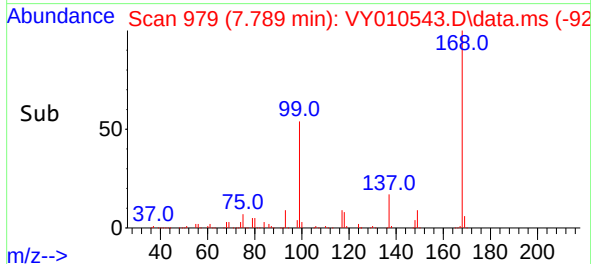
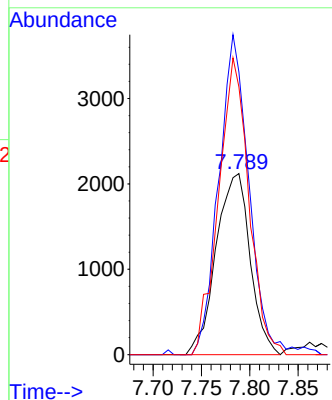
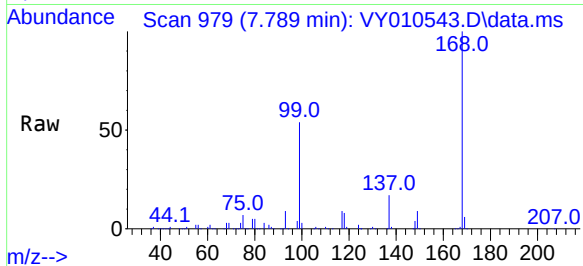




#31
Cyclohexane
Concen: 1.276 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

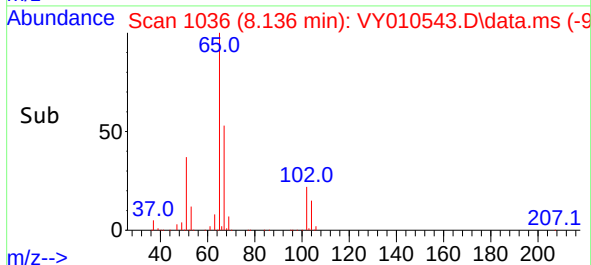
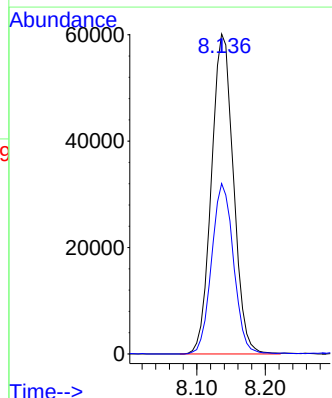
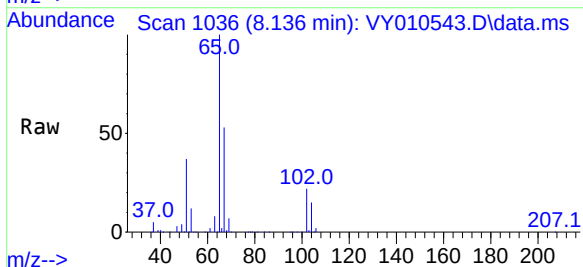
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-1-GR

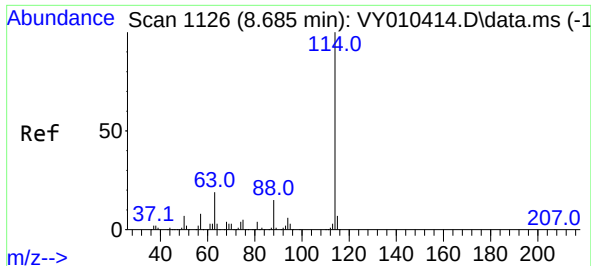
Tgt Ion: 56 Resp: 5190
Ion Ratio Lower Upper
56 100
69 156.0 26.7 40.1#
84 147.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.761 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

Tgt Ion: 65 Resp: 134270
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010543.D

Acq: 16 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

WC-17-4-1-GR

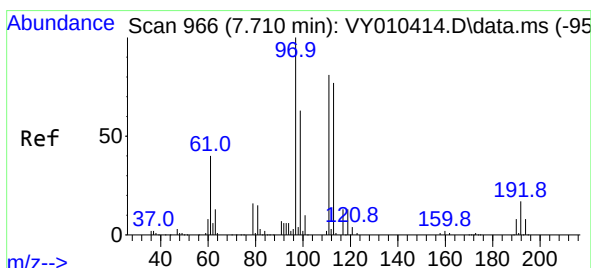
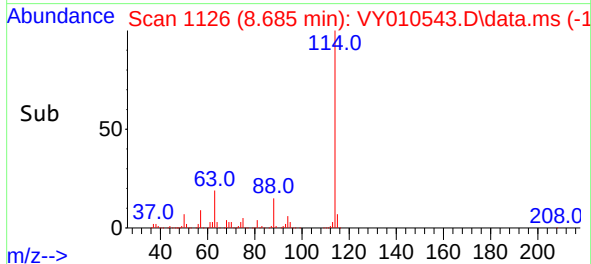
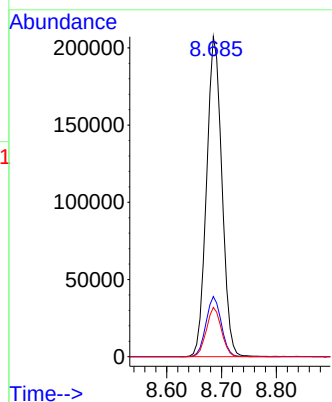
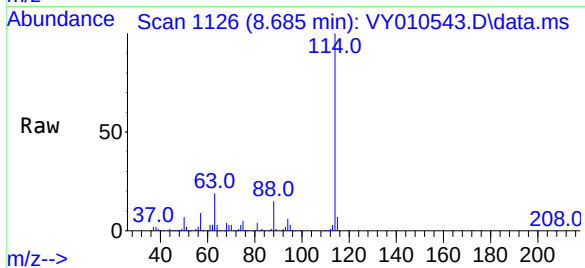
Tgt Ion:114 Resp: 400873

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.781 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010543.D

Acq: 16 Sep 2022 18:24

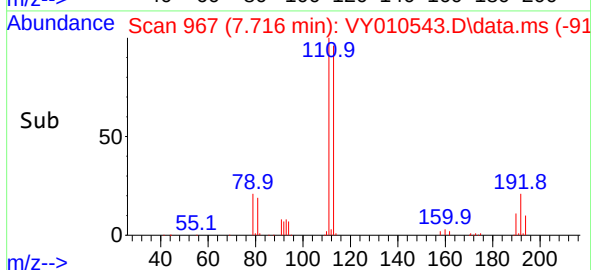
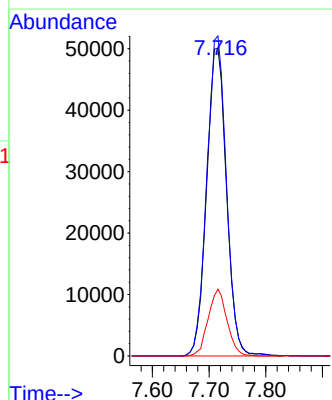
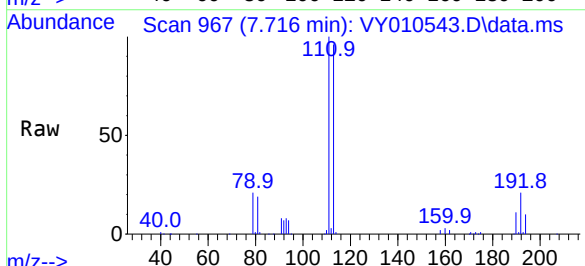
Tgt Ion:113 Resp: 121800

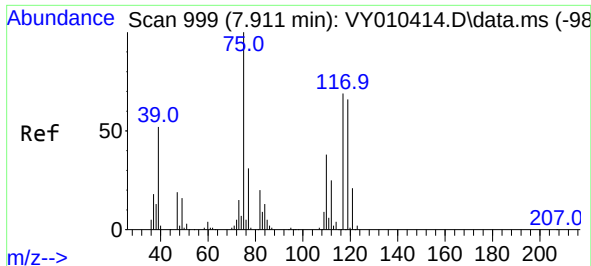
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 20.6 17.6 26.4

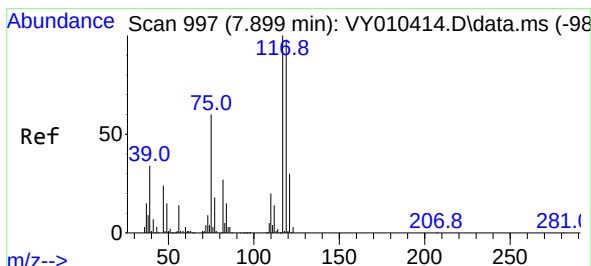
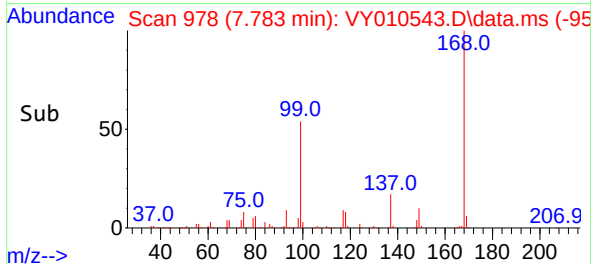
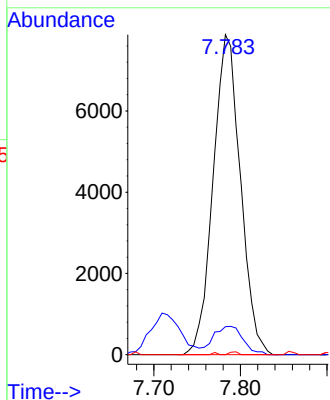
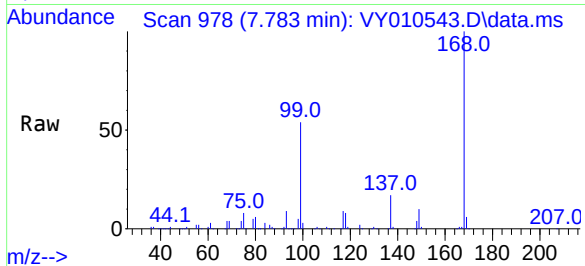




#36
1,1-Dichloropropene
Concen: 4.420 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

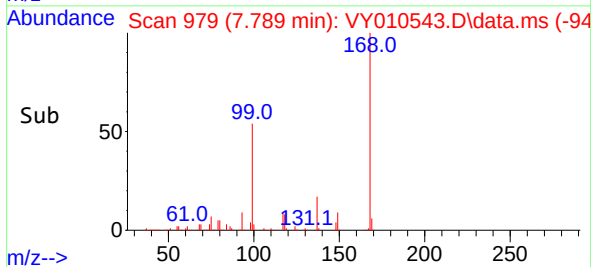
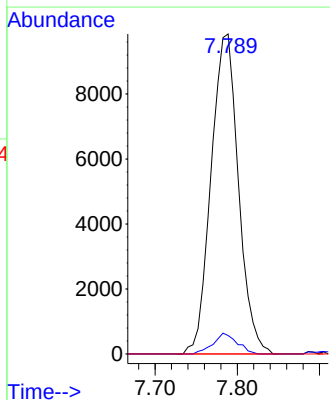
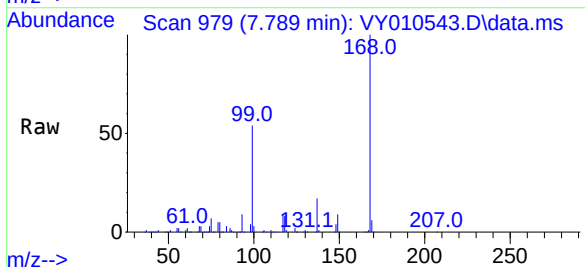
Instrument :
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WC-17-4-1-GR

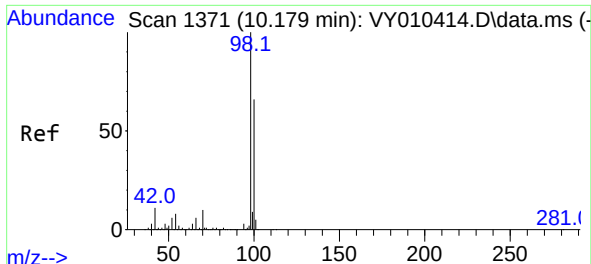
Tgt Ion: 75 Resp: 17229
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.3 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.261 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

Tgt Ion: 117 Resp: 22811
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#

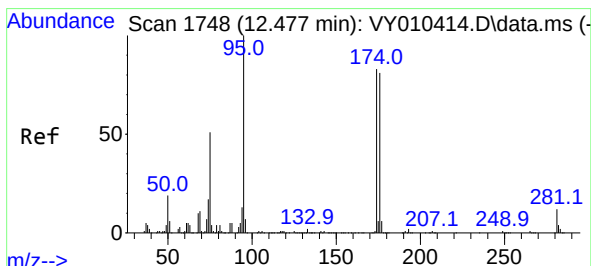
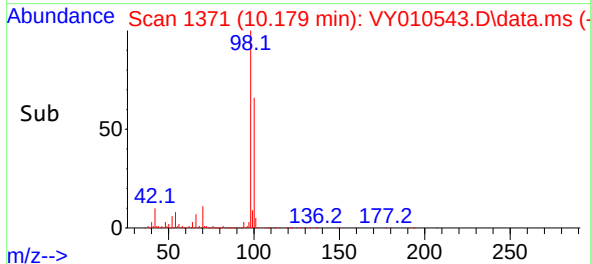
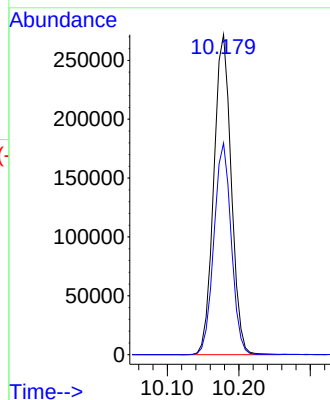
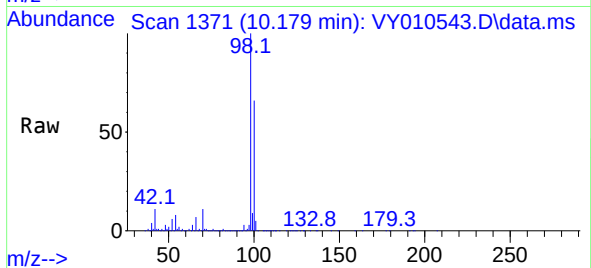




#50
Toluene-d8
Concen: 49.942 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

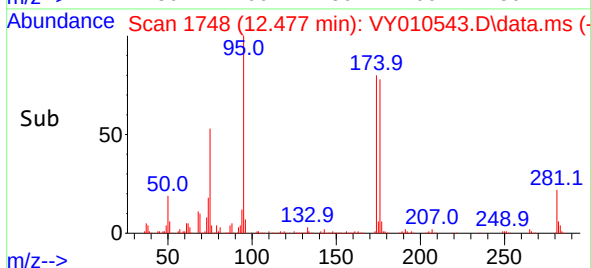
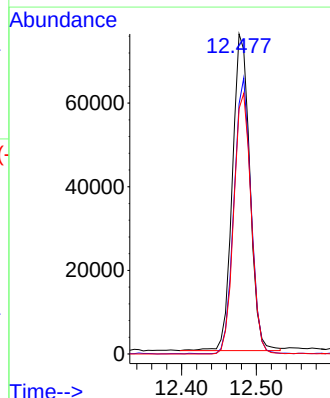
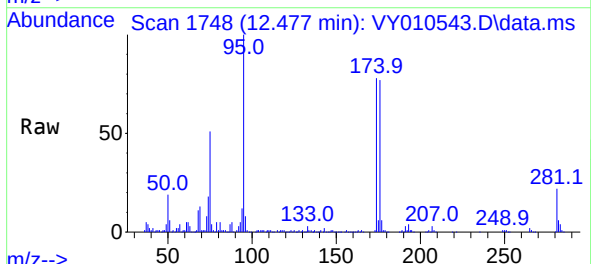
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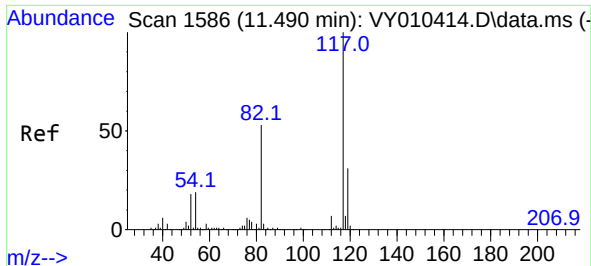
Tgt Ion: 98 Resp: 460812
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.227 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

Tgt Ion: 95 Resp: 122662
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 81.8 0.0 175.8

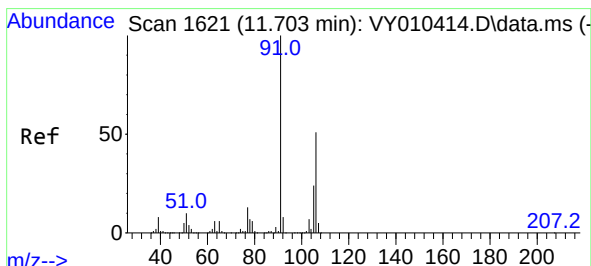
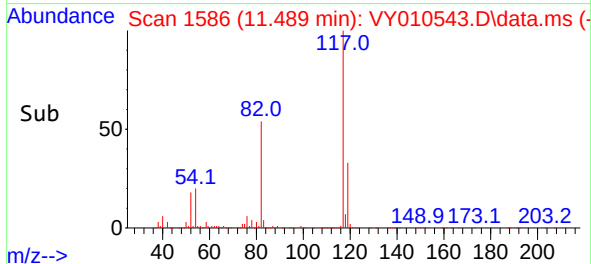
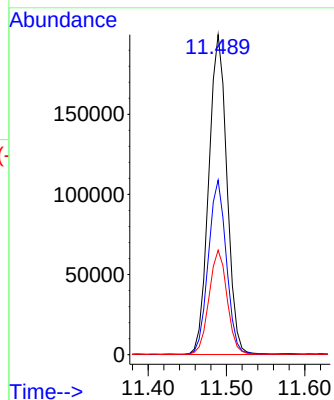
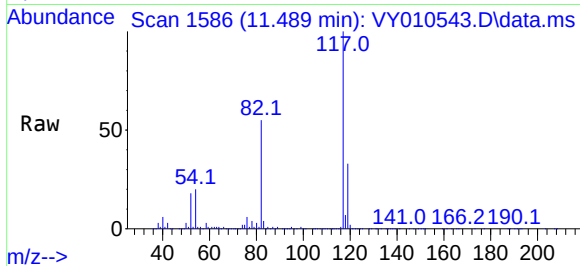




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

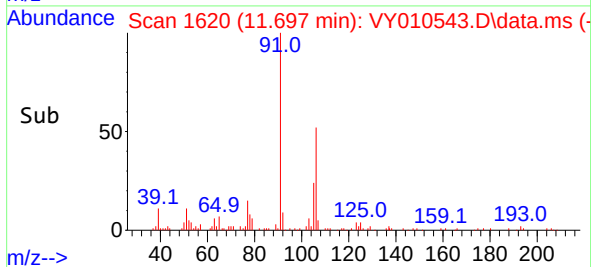
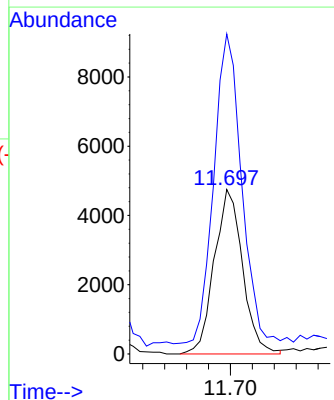
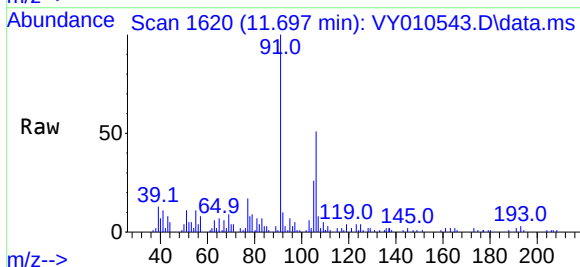
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-1-GR

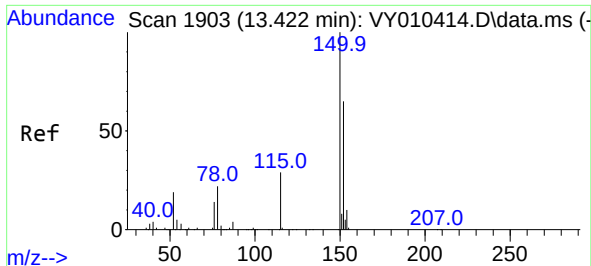
Tgt Ion:	117	Resp:	321494
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.0	64.4
119	32.6	25.4	38.0



#68
m/p-Xylenes
Concen: 1.707 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

Tgt Ion:	106	Resp:	8527
Ion	Ratio	Lower	Upper
106	100		
91	184.3	166.6	249.8

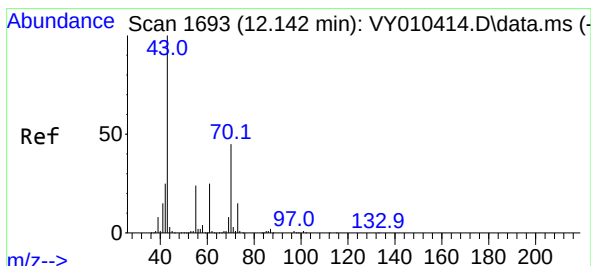
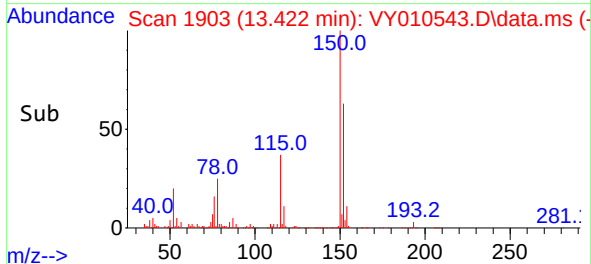
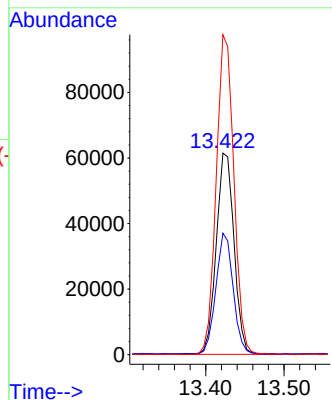
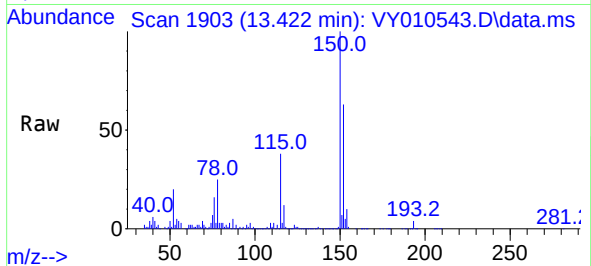




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

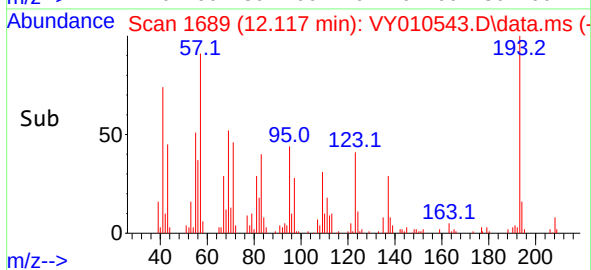
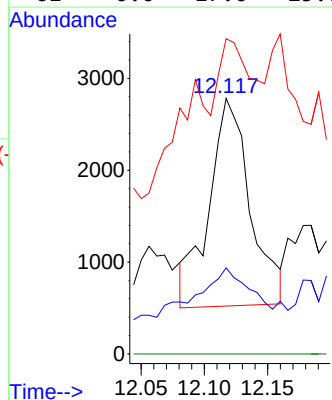
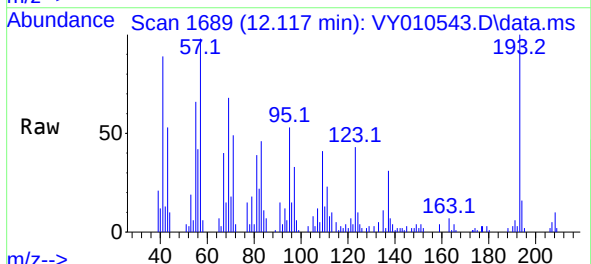
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-1-GR

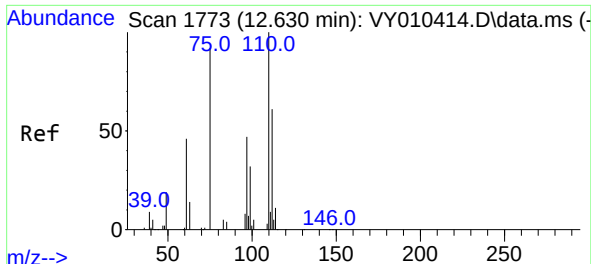
Tgt Ion:152 Resp: 96952
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 157.9 0.0 347.6



#74
N-ethyl acetate
Concen: 2.909 ug/l
RT: 12.117 min Scan# 1689
Delta R.T. -0.025 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

Tgt Ion: 43 Resp: 5134
Ion Ratio Lower Upper
43 100
70 38.5 28.7 43.1
55 27.8 17.3 25.9#
61 0.0 17.0 25.6#

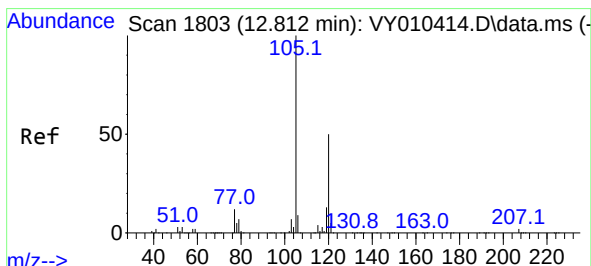
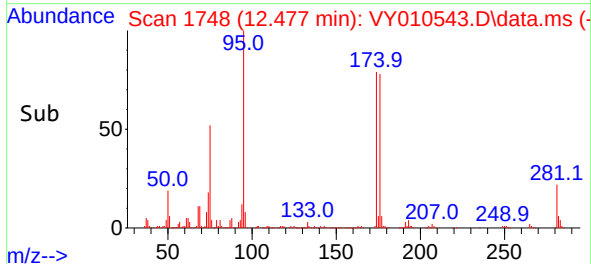
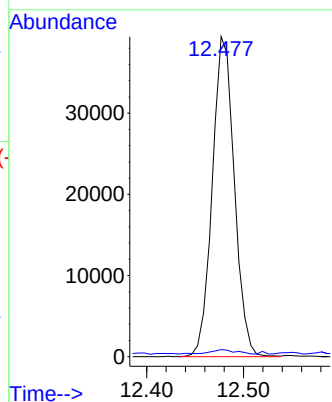
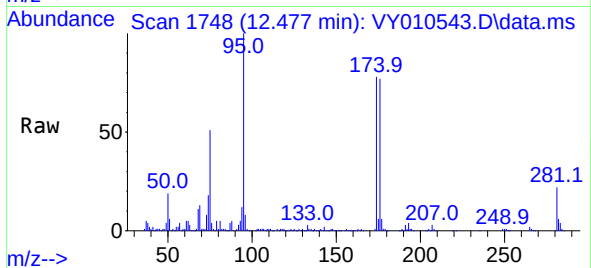




#76
1,2,3-Trichloropropane
Concen: 58.334 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.153 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

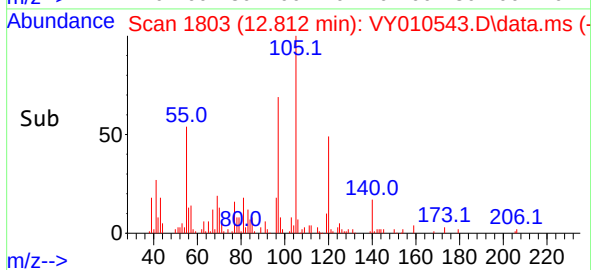
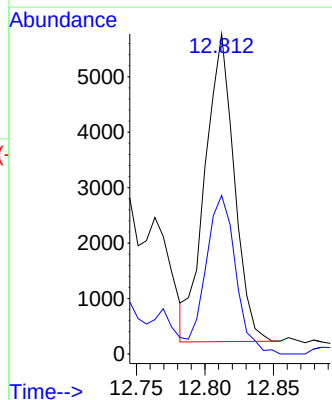
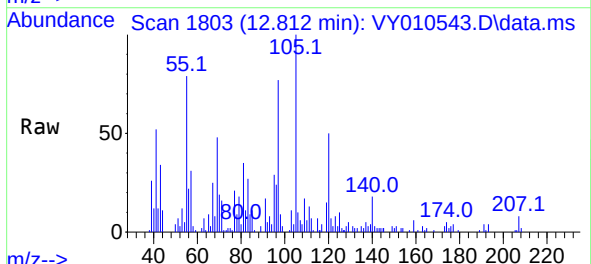
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-1-GR

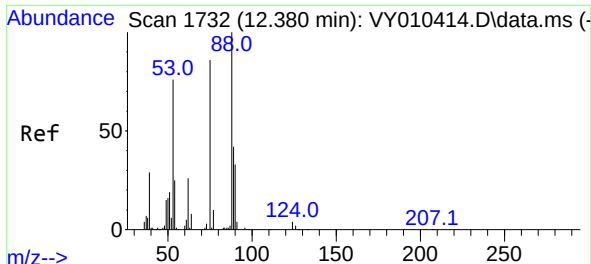
Tgt Ion: 75 Resp: 62419
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 1.288 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

Tgt Ion:105 Resp: 8218
Ion Ratio Lower Upper
105 100
120 52.2 24.4 73.4

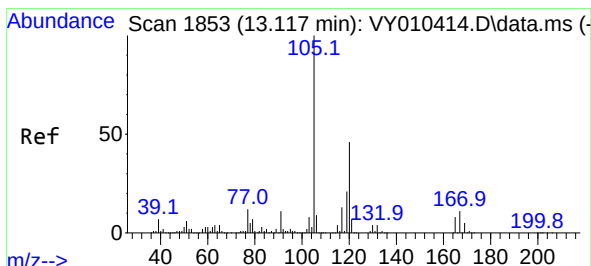
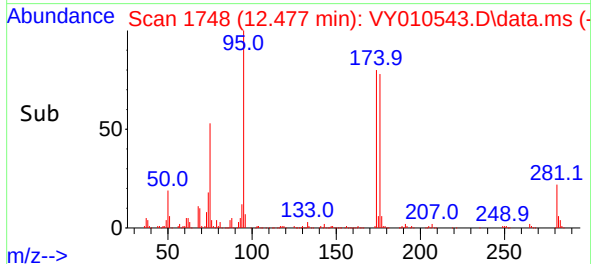
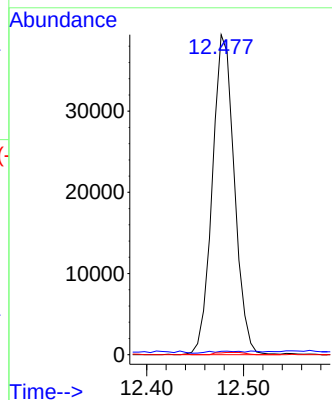
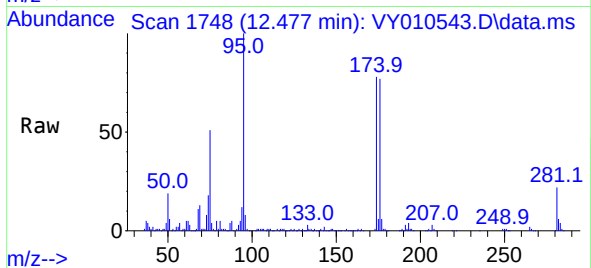




#81
trans-1,4-Dichloro-2-butene
Concen: 129.523 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

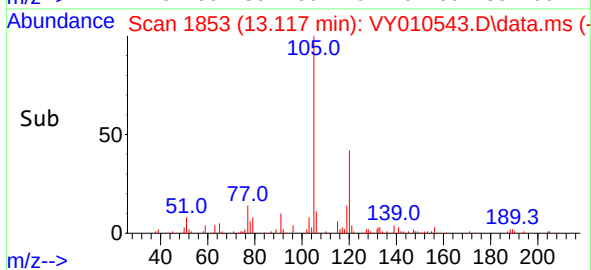
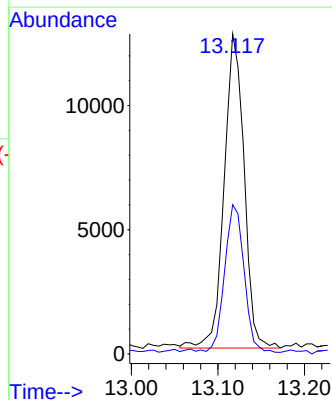
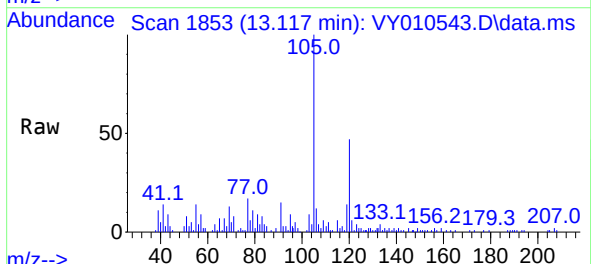
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-1-GR

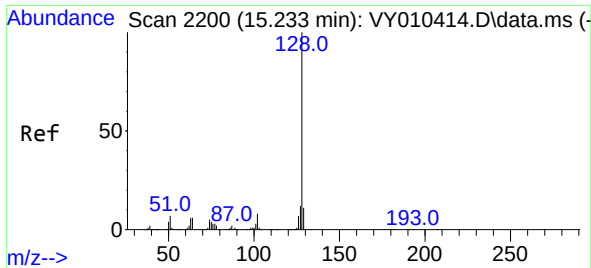
Tgt Ion: 75 Resp: 62419
Ion Ratio Lower Upper
75 100
53 0.9 85.3 127.9#
89 0.9 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 3.250 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010543.D
Acq: 16 Sep 2022 18:24

Tgt Ion: 105 Resp: 20296
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.9





#95

Naphthalene

Concen: 2.171 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY010543.D

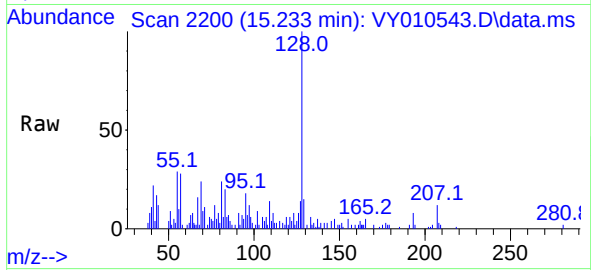
Acq: 16 Sep 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

WC-17-4-1-GR



Tgt Ion:128 Resp: 8477

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 13.7 8.4 12.6#

