

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014307.D
 Acq On : 21 Jun 2023 01:39
 Operator : KP/MD
 Sample : 03321-13
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-21

Quant Time: Jun 21 02:12:22 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)

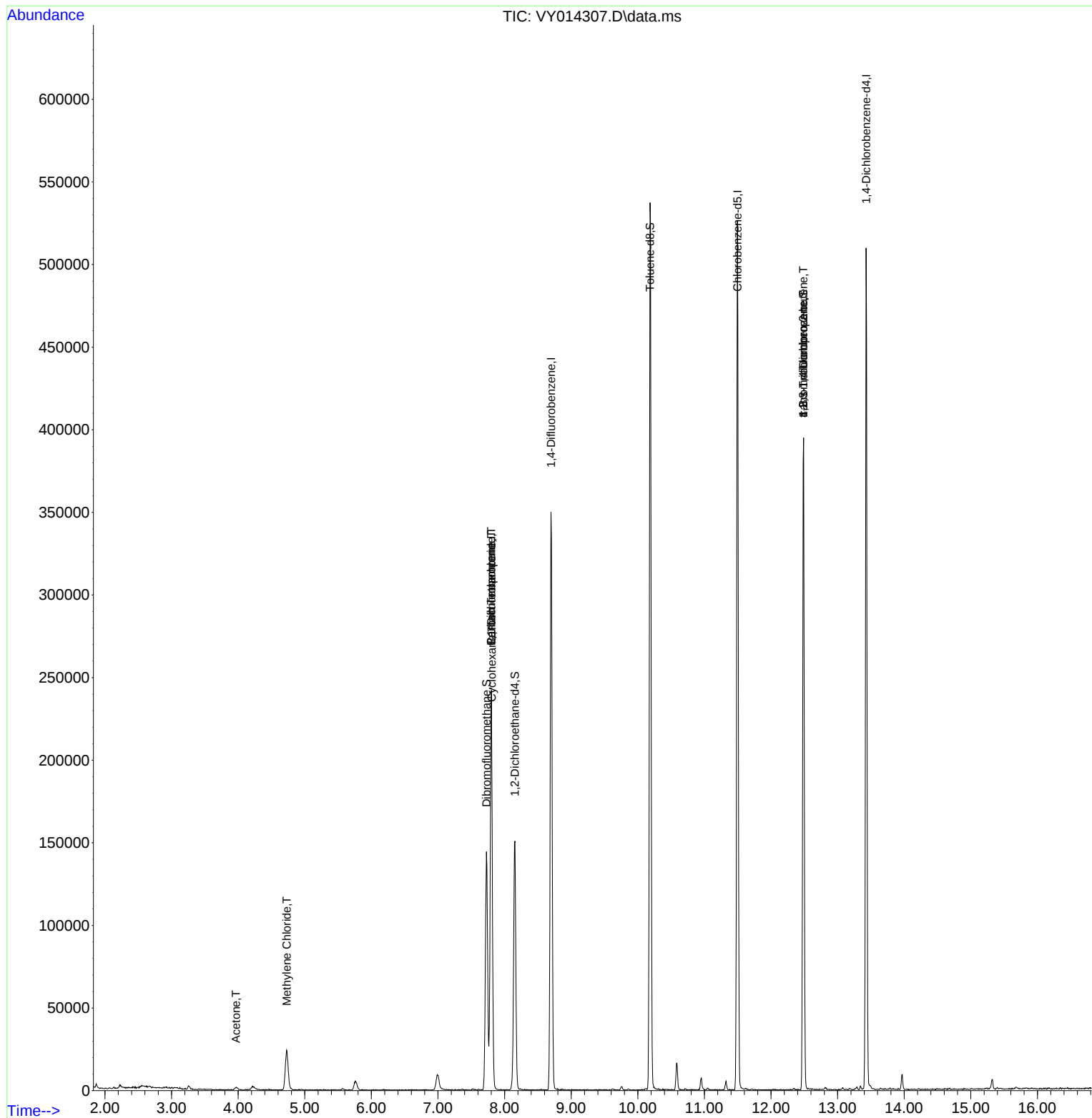
Internal Standards						
1) Pentafluorobenzene	7.801	168	181838	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	294975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	278945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	126641	50.014	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.020%	
35) Dibromofluoromethane	7.728	113	97672	46.691	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.380%	
50) Toluene-d8	10.185	98	354086	45.275	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.560%	
62) 4-Bromofluorobenzene	12.483	95	113315	40.788	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.580%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	112	Below Cal	#	89
16) Acetone	3.967	43	2892	3.789	ug/l	98
20) Methylene Chloride	4.729	84	17379	3.821	ug/l	97
31) Cyclohexane	7.807	56	3936	1.160	ug/l	# 39
36) 1,1-Dichloropropene	7.801	75	13707	4.203	ug/l	# 51
38) Carbon Tetrachloride	7.801	117	17843	4.741	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	61130	35.969	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	61130	77.752	ug/l	# 11

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

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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

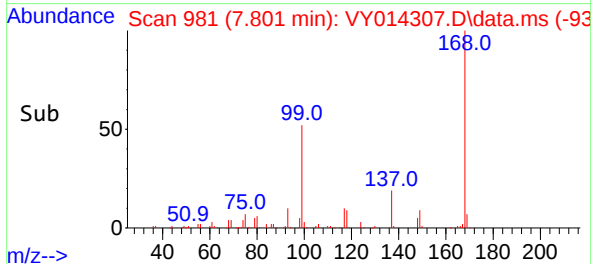
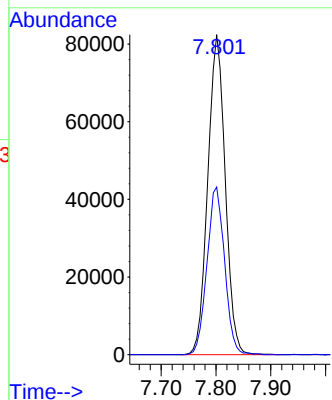
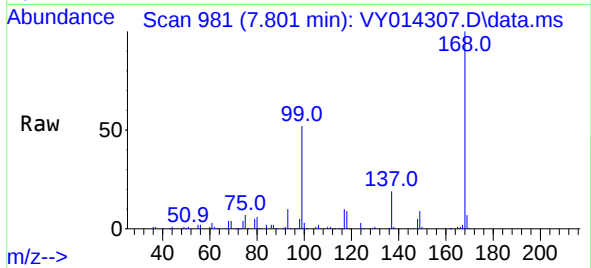




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014307.D
Acq: 21 Jun 2023 01:39

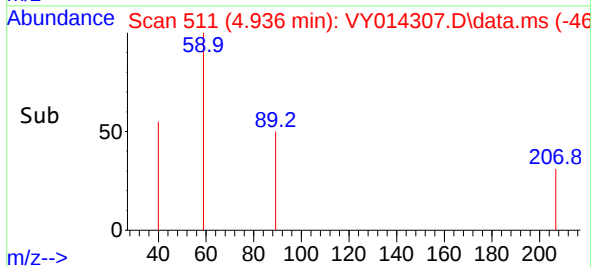
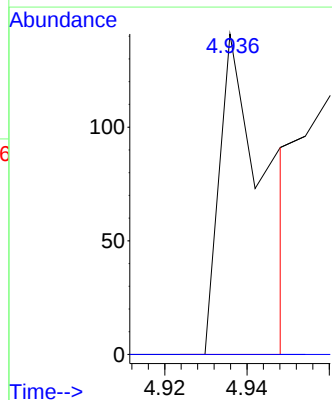
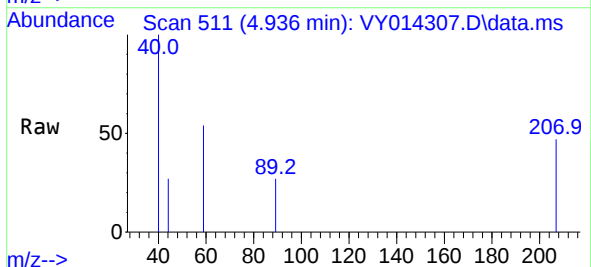
Instrument :
MSVOA_Y
ClientSampleId :
WC-21

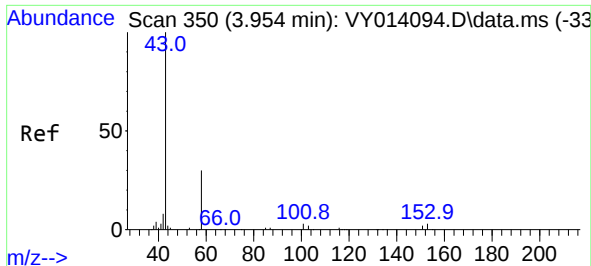
Tgt Ion:168 Resp: 181838
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.030 min
Lab File: VY014307.D
Acq: 21 Jun 2023 01:39

Tgt Ion: 59 Resp: 112
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

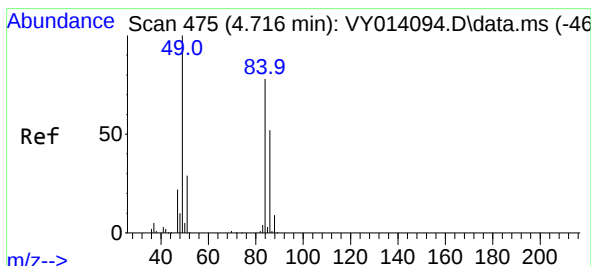
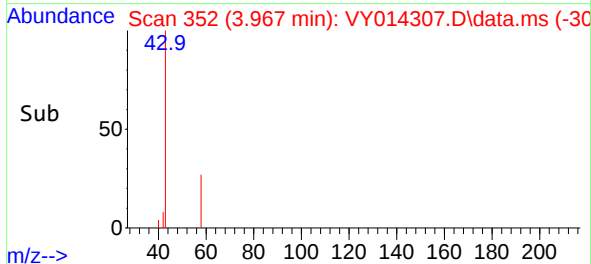
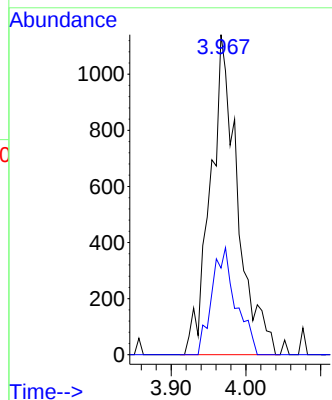
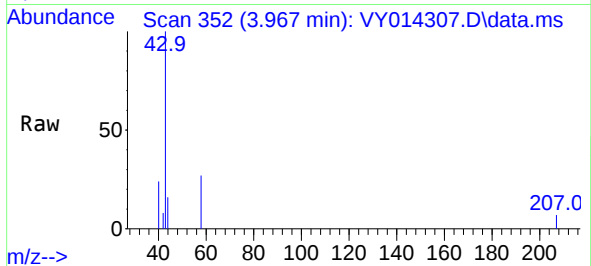




#16
Acetone
Concen: 3.789 ug/l
RT: 3.967 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY014307.D
Acq: 21 Jun 2023 01:39

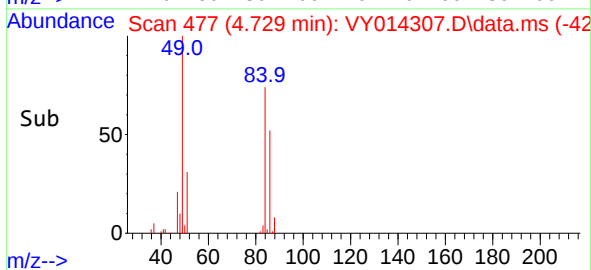
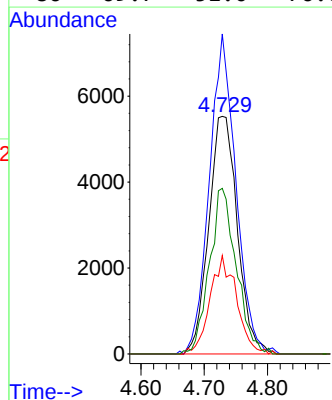
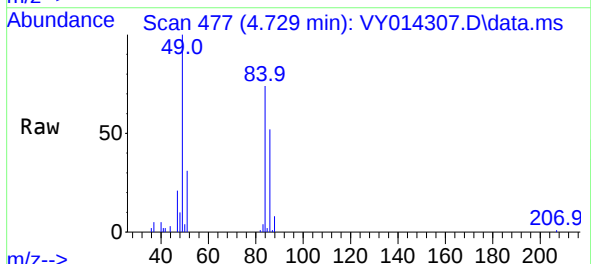
Instrument :
MSVOA_Y
ClientSampleId :
WC-21

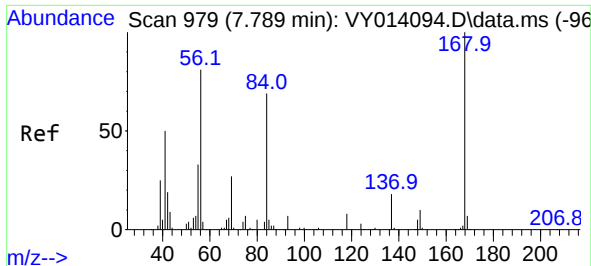
Tgt Ion: 43 Resp: 2892
Ion Ratio Lower Upper
43 100
58 27.1 22.7 34.1



#20
Methylene Chloride
Concen: 3.821 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY014307.D
Acq: 21 Jun 2023 01:39

Tgt Ion: 84 Resp: 17379
Ion Ratio Lower Upper
84 100
49 134.7 106.9 160.3
51 41.4 33.2 49.8
86 69.7 51.0 76.6

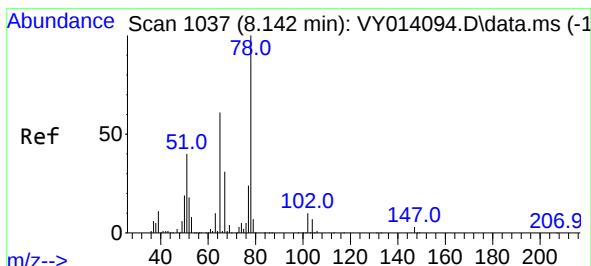
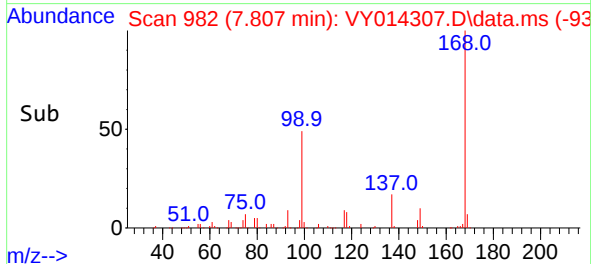
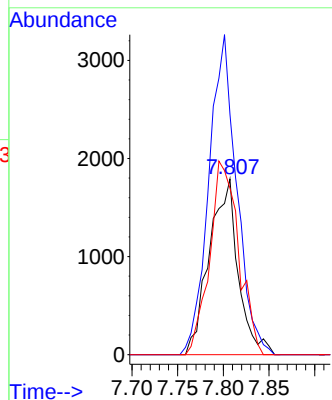
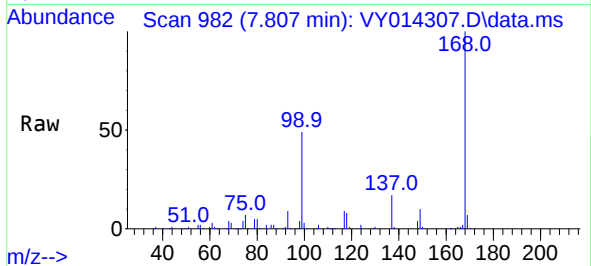




#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY014307.D
Acq: 21 Jun 2023 01:39

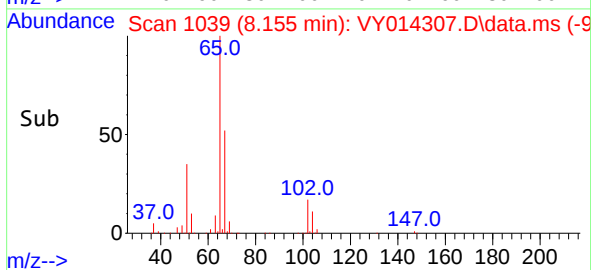
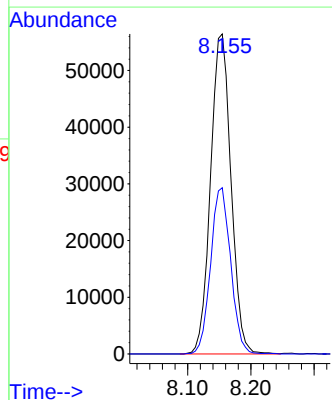
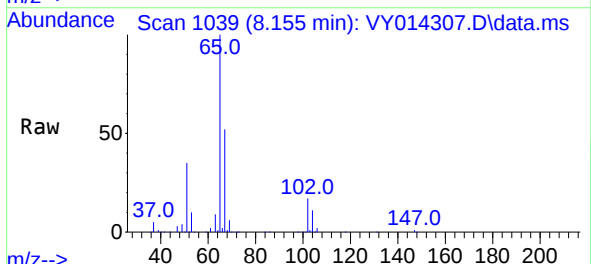
Instrument :
MSVOA_Y
ClientSampleId :
WC-21

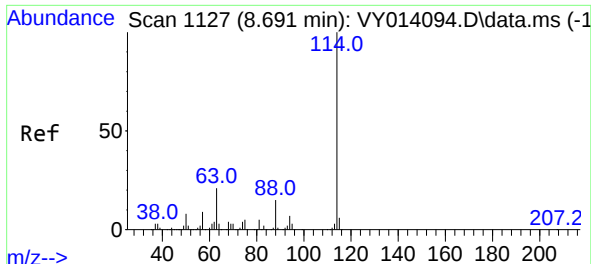
Tgt Ion: 56 Resp: 3936
Ion Ratio Lower Upper
56 100
69 136.9 27.8 41.6#
84 94.7 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 50.014 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VY014307.D
Acq: 21 Jun 2023 01:39

Tgt Ion: 65 Resp: 126641
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014307.D

Acq: 21 Jun 2023 01:39

Instrument :

MSVOA_Y

ClientSampleId :

WC-21

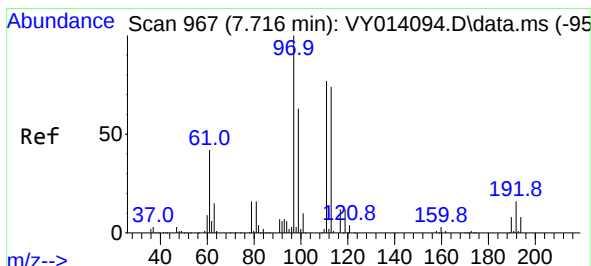
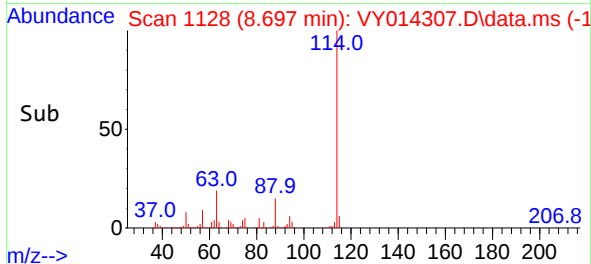
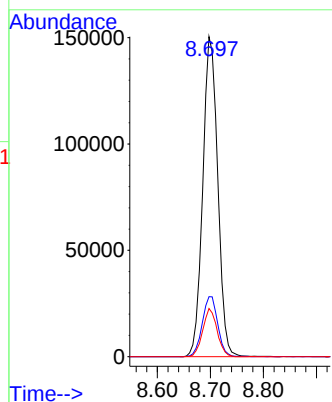
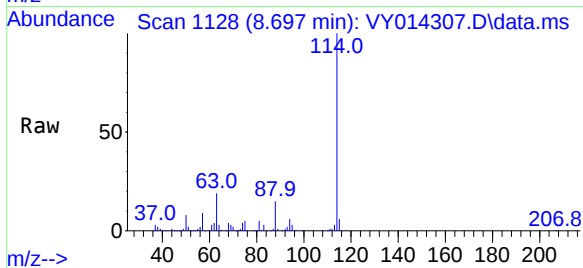
Tgt Ion:114 Resp: 294975

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.691 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY014307.D

Acq: 21 Jun 2023 01:39

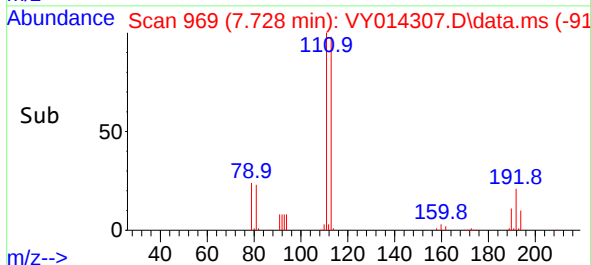
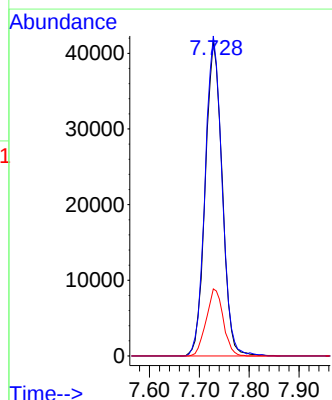
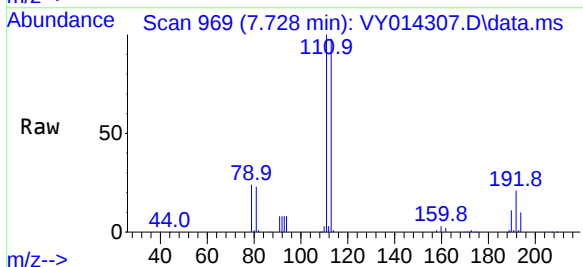
Tgt Ion:113 Resp: 97672

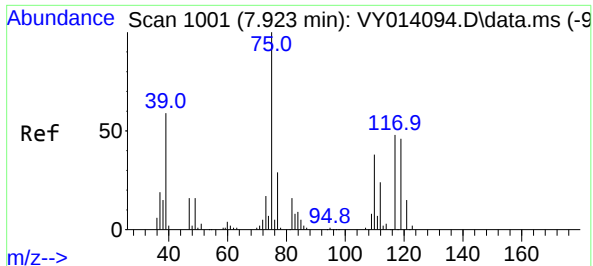
Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 21.5 16.9 25.3

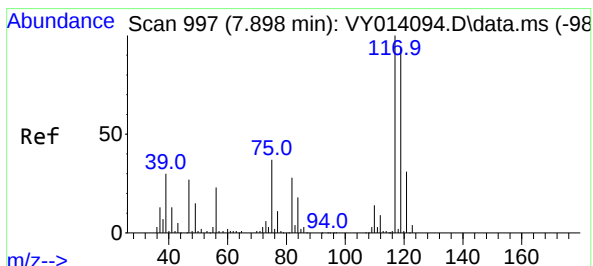
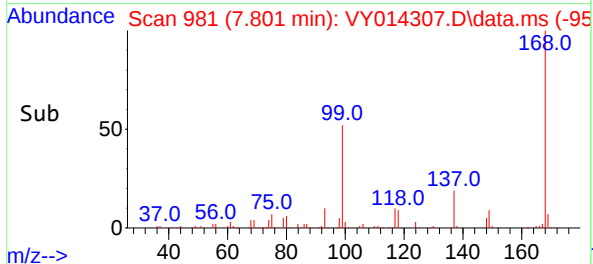
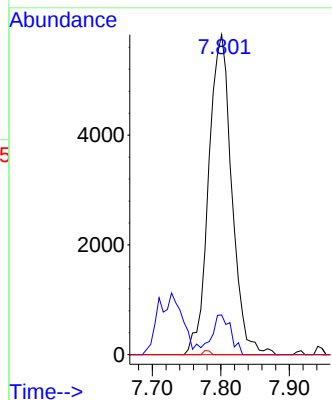
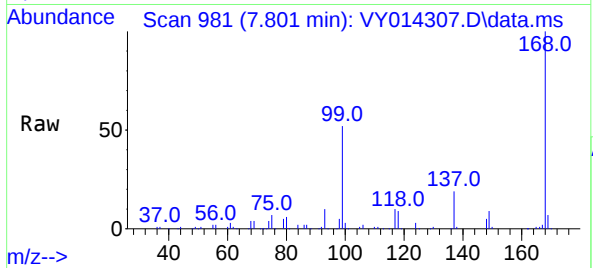




#36
1,1-Dichloropropene
Concen: 4.203 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY014307.D
Acq: 21 Jun 2023 01:39

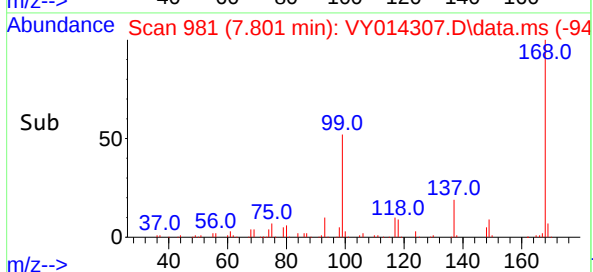
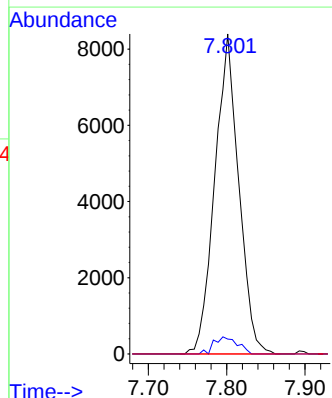
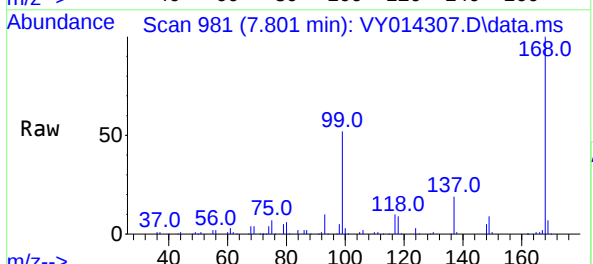
Instrument :
MSVOA_Y
ClientSampleId :
WC-21

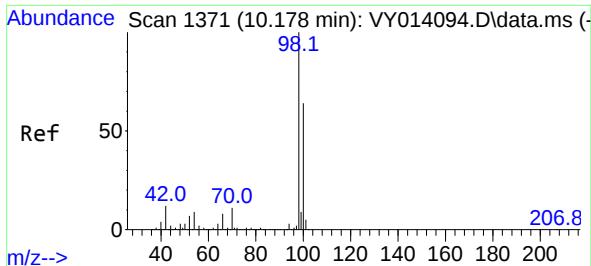
Tgt Ion: 75 Resp: 13707
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.741 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.097 min
Lab File: VY014307.D
Acq: 21 Jun 2023 01:39

Tgt Ion:117 Resp: 17843
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#

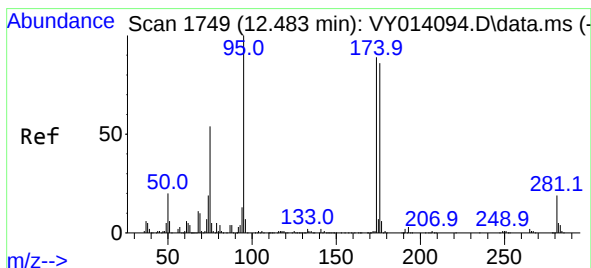
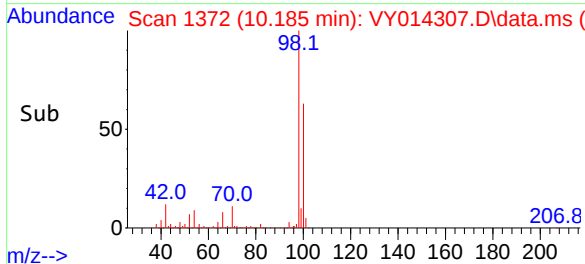
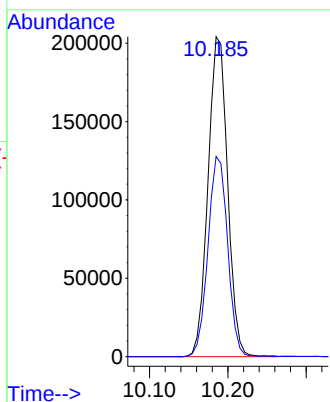
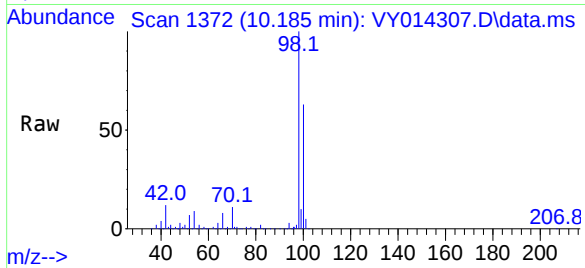




#50
Toluene-d8
Concen: 45.275 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014307.D
Acq: 21 Jun 2023 01:39

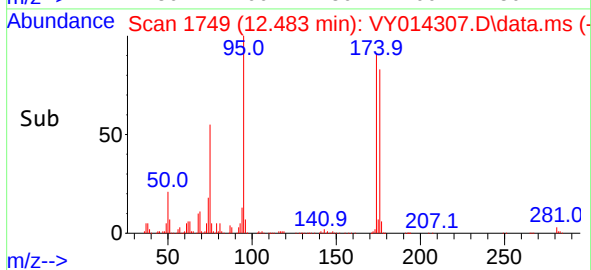
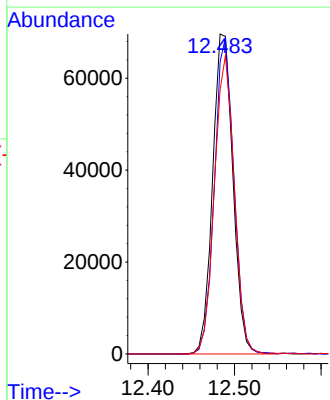
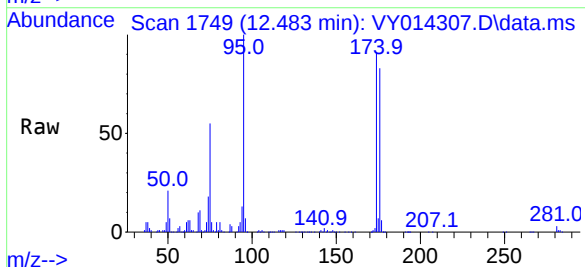
Instrument :
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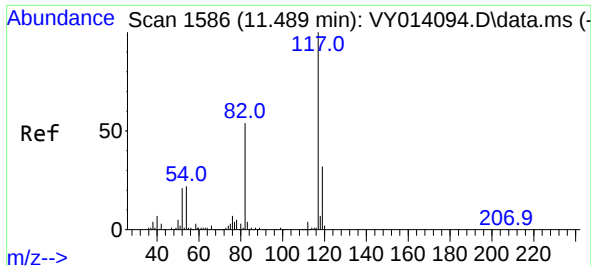
Tgt Ion: 98 Resp: 354086
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.788 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014307.D
Acq: 21 Jun 2023 01:39

Tgt Ion: 95 Resp: 113315
Ion Ratio Lower Upper
95 100
174 94.6 0.0 178.2
176 91.4 0.0 173.8

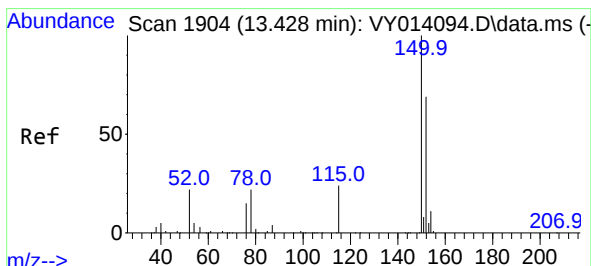
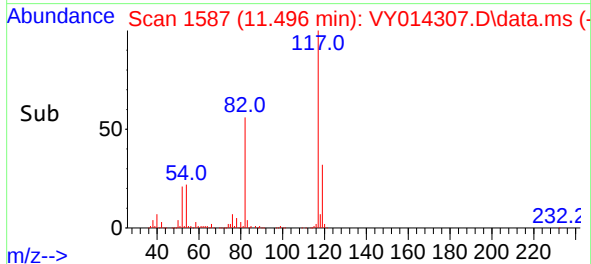
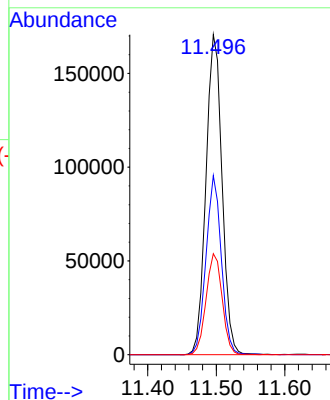
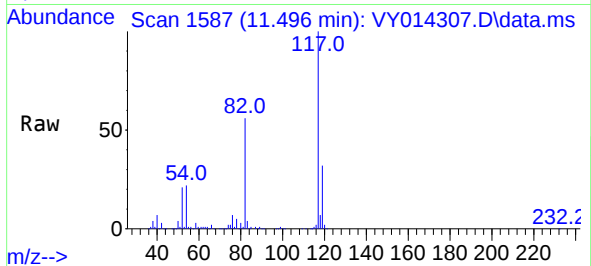




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014307.D
Acq: 21 Jun 2023 01:39

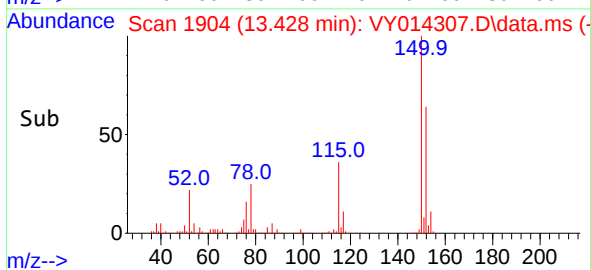
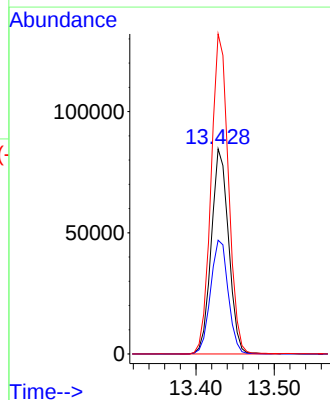
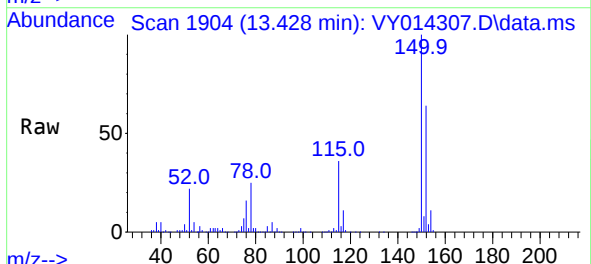
Instrument :
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WC-21

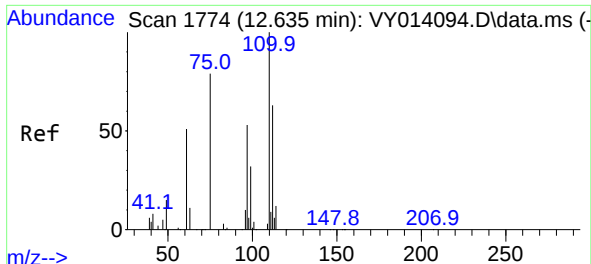
Tgt Ion:117 Resp: 278945
Ion Ratio Lower Upper
117 100
82 55.9 43.4 65.0
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014307.D
Acq: 21 Jun 2023 01:39

Tgt Ion:152 Resp: 129538
Ion Ratio Lower Upper
152 100
115 56.8 28.8 86.5
150 156.8 0.0 348.8

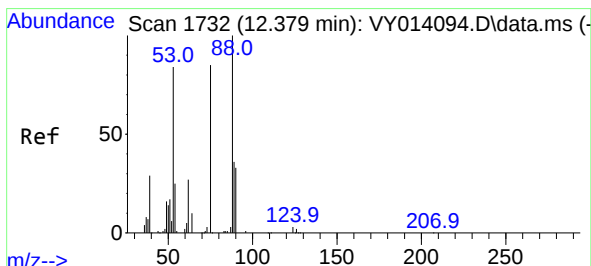
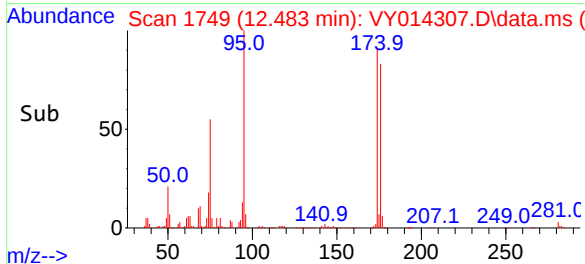
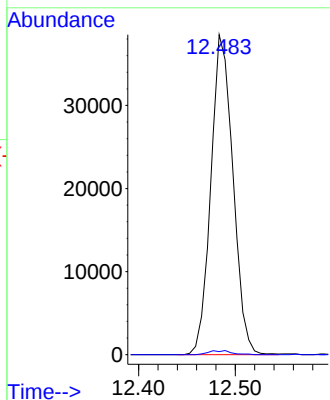
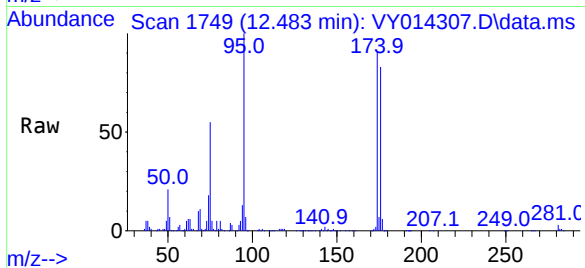




#76
1,2,3-Trichloropropane
Concen: 35.969 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014307.D
Acq: 21 Jun 2023 01:39

Instrument :
MSVOA_Y
ClientSampleId :
WC-21

Tgt Ion: 75 Resp: 61130
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.752 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014307.D
Acq: 21 Jun 2023 01:39

Tgt Ion: 75 Resp: 61130
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.0 37.4 56.0#

