

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011070.D
 Acq On : 24 Oct 2022 15:36
 Operator : KP/MD
 Sample : N5254-10
 Misc : 6.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4-102122

Quant Time: Oct 25 05:46:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

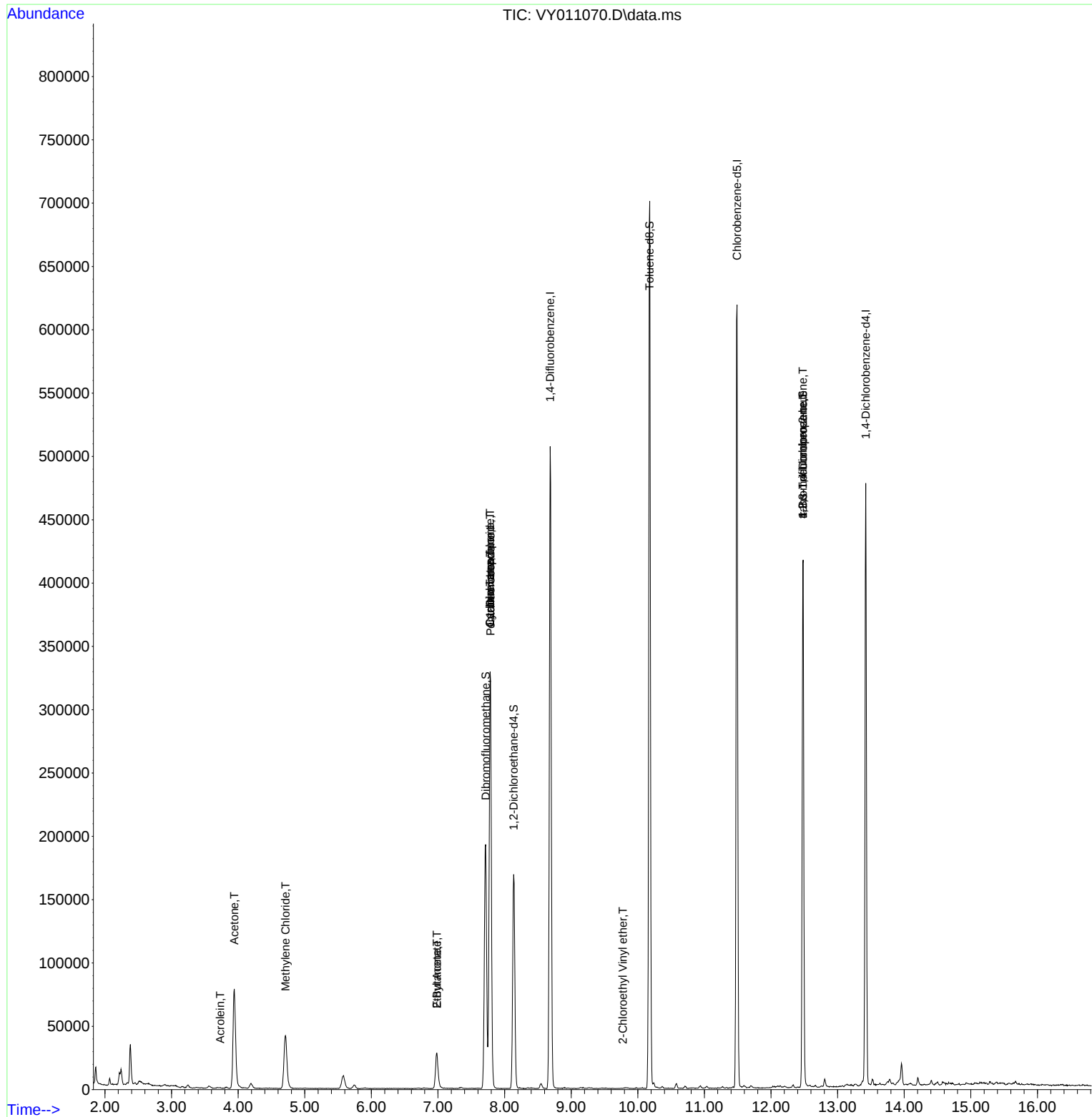
Internal Standards						
1) Pentafluorobenzene	7.789	168	259821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	447686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	351663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	131152	54.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.600%	
35) Dibromofluoromethane	7.716	113	140585	56.620	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.240%	
50) Toluene-d8	10.179	98	475096	50.825	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.640%	
62) 4-Bromofluorobenzene	12.477	95	130668	38.772	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	156	Below Cal	#	77
13) Acrolein	3.729	56	594	1.540	ug/l #	14
16) Acetone	3.942	43	135084	194.361	ug/l #	83
18) Methyl Acetate	4.466	43	368	Below Cal	#	56
20) Methylene Chloride	4.710	84	32983	5.233	ug/l #	84
25) 2-Butanone	6.984	43	46872	44.470	ug/l #	82
31) Cyclohexane	7.783	56	5170	1.129	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	19104	4.584	ug/l #	51
37) Ethyl Acetate	6.984	43	46872	20.314	ug/l #	72
38) Carbon Tetrachloride	7.783	117	25744	5.984	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.776	63	22	16.973	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	64074	46.060	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	64074	99.063	ug/l #	7

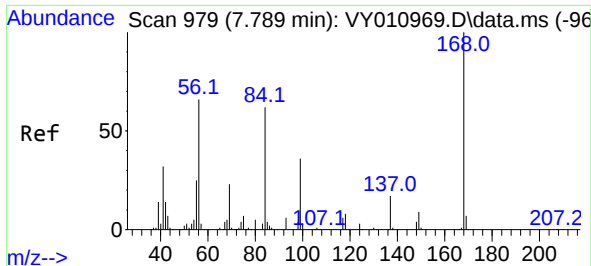
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

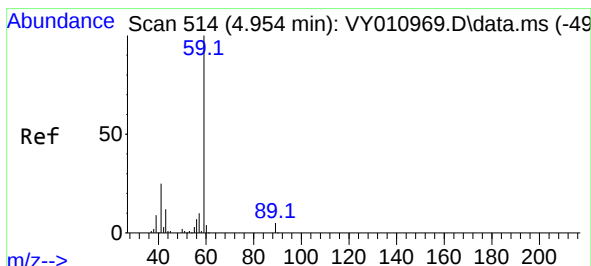
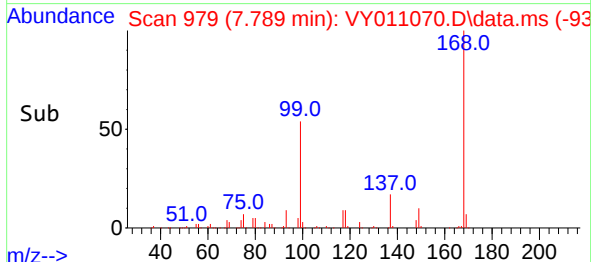
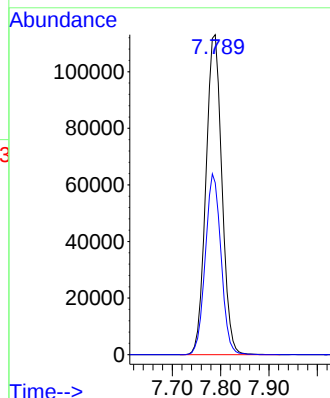
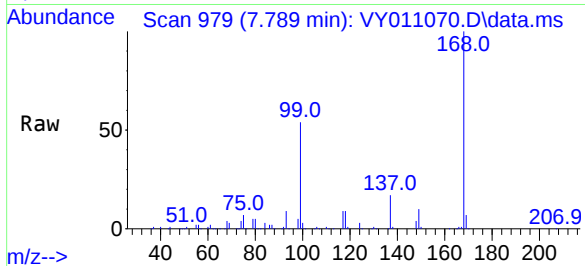




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

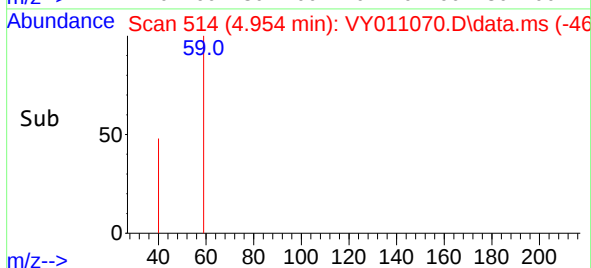
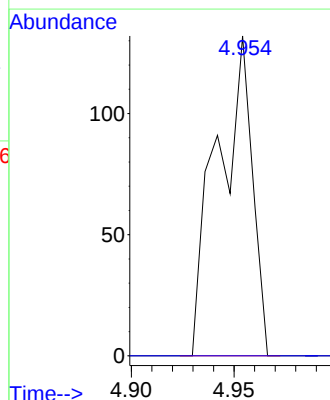
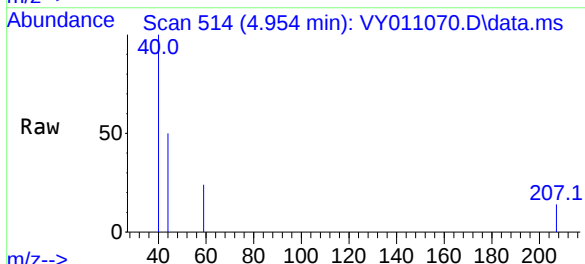
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-102122

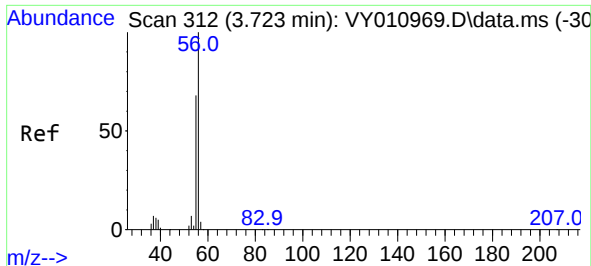
Tgt Ion:168 Resp: 259821
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

Tgt Ion: 59 Resp: 156
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

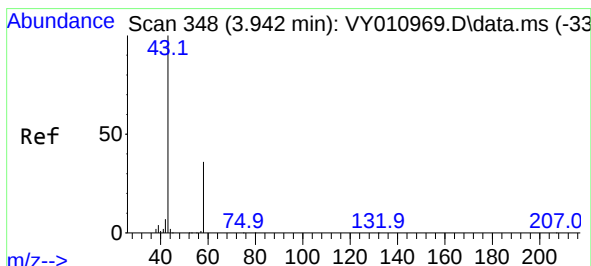
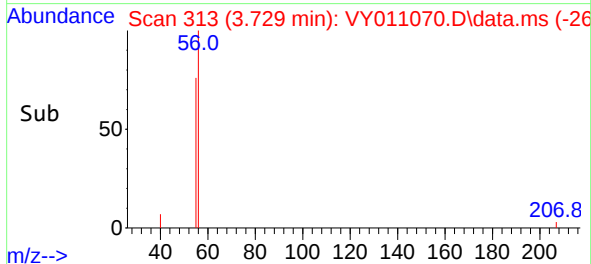
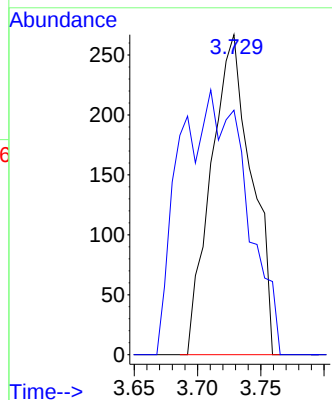
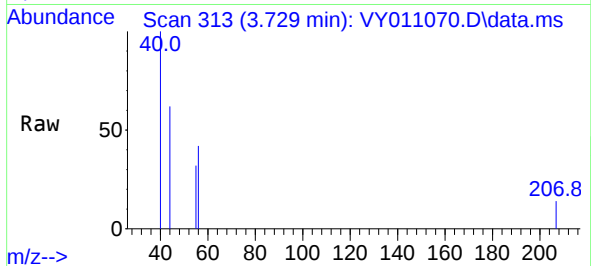




#13
Acrolein
Concen: 1.540 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

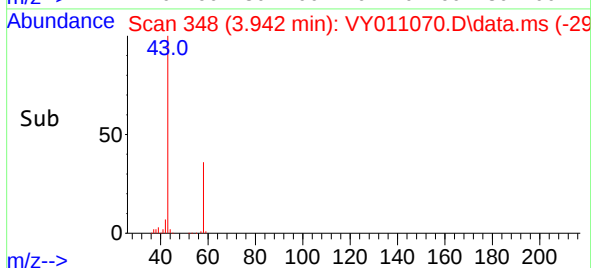
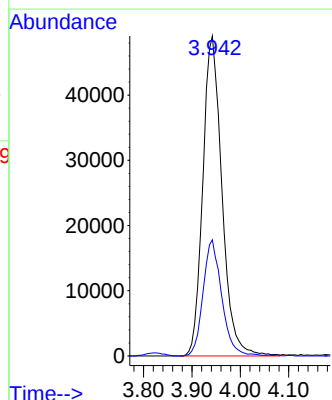
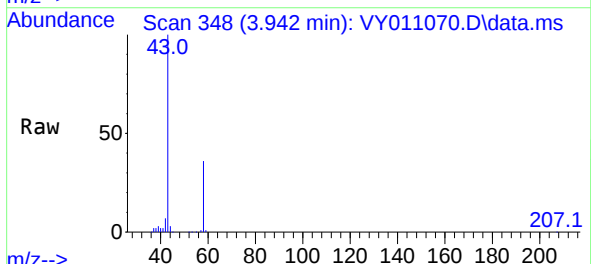
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-102122

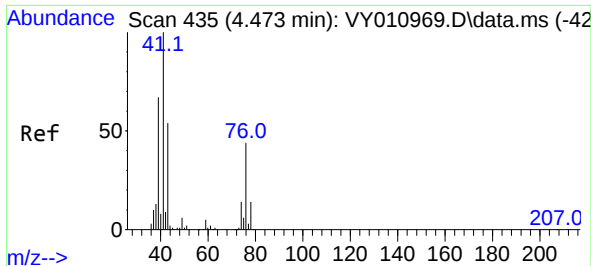
Tgt Ion: 56 Resp: 594
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 194.361 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

Tgt Ion: 43 Resp: 135084
Ion Ratio Lower Upper
43 100
58 36.3 22.0 33.0#

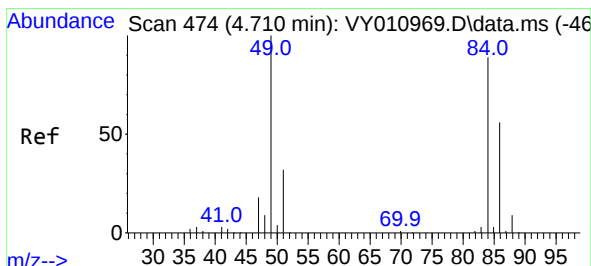
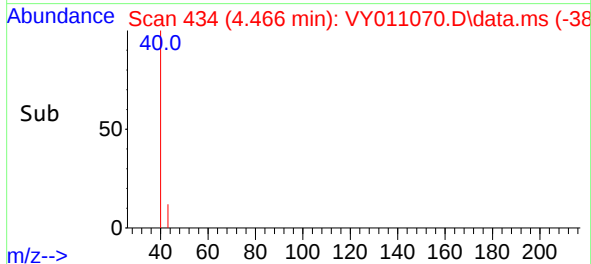
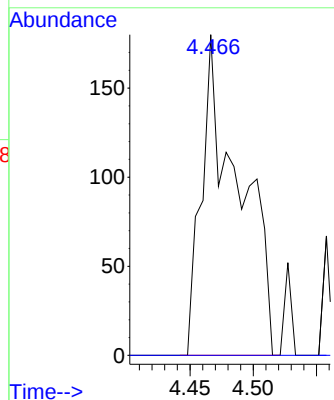
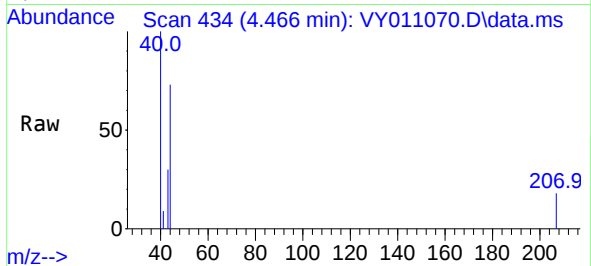




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

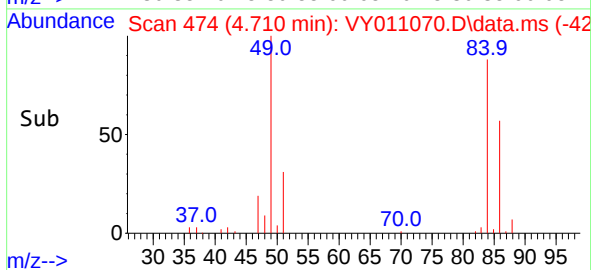
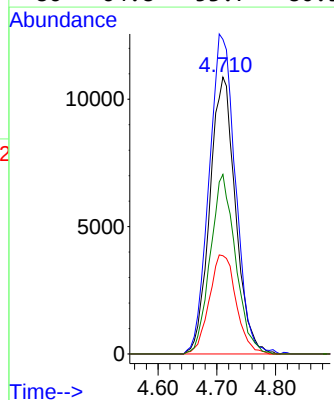
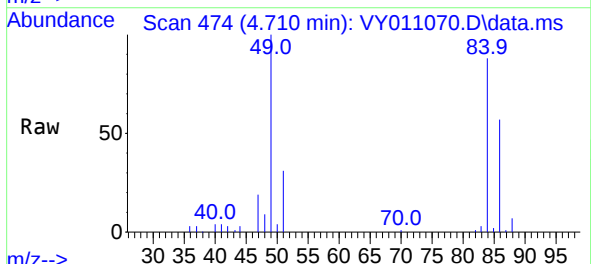
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-102122

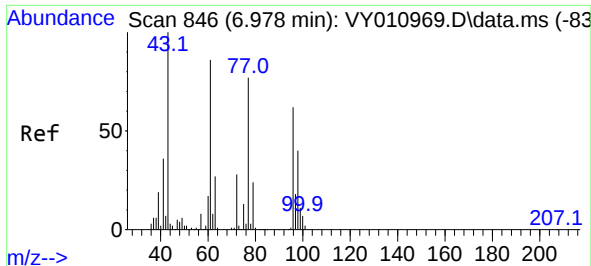
Tgt Ion: 43 Resp: 368
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 5.233 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

Tgt Ion: 84 Resp: 32983
Ion Ratio Lower Upper
84 100
49 113.6 114.4 171.6#
51 35.5 35.3 52.9
86 64.8 53.7 80.5

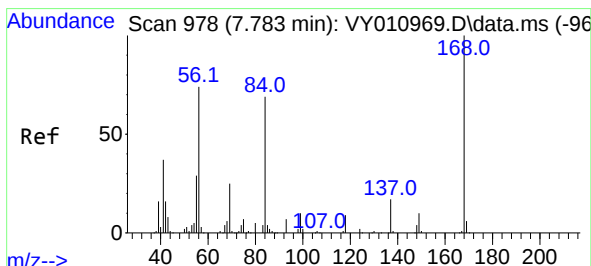
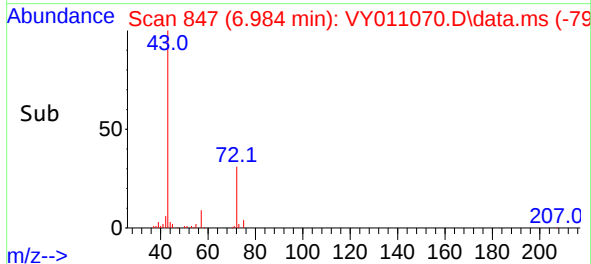
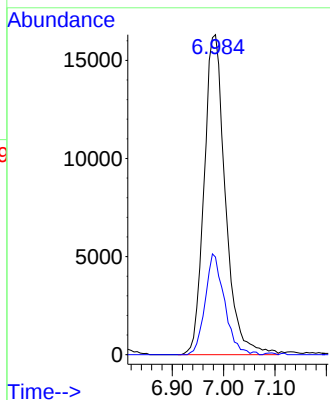
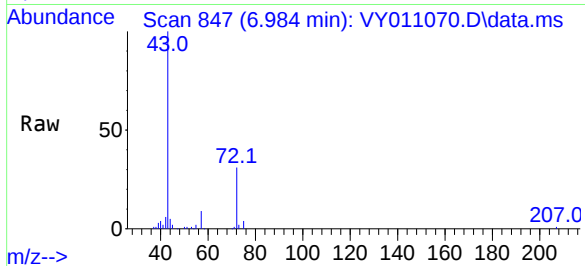




#25
2-Butanone
Concen: 44.470 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

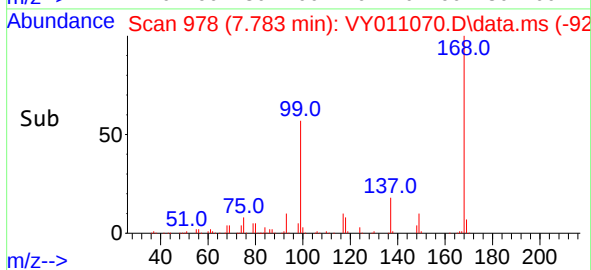
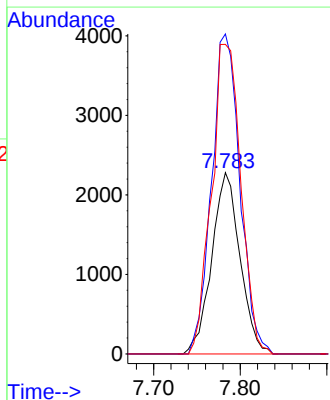
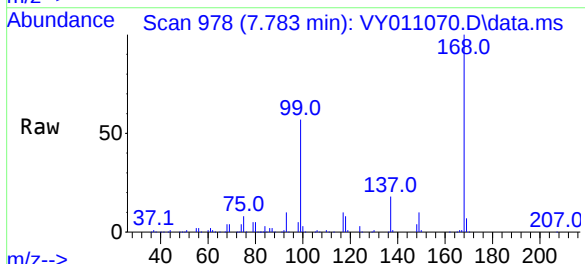
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-102122

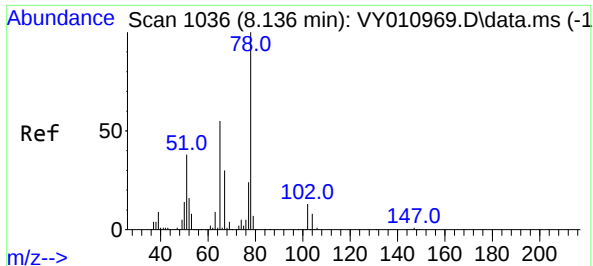
Tgt Ion: 43 Resp: 46872
Ion Ratio Lower Upper
43 100
72 30.5 17.7 26.5#



#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

Tgt Ion: 56 Resp: 5170
Ion Ratio Lower Upper
56 100
69 176.5 26.7 40.1#
84 170.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 54.799 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011070.D

Acq: 24 Oct 2022 15:36

Instrument :

MSVOA_Y

ClientSampleId :

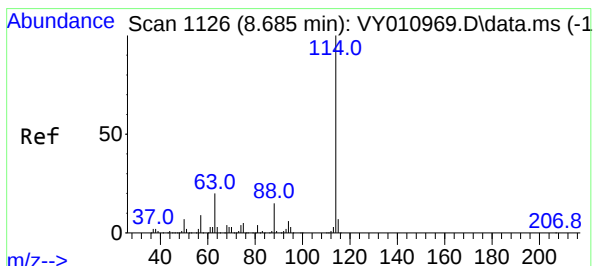
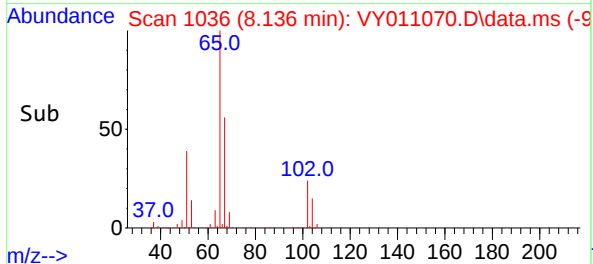
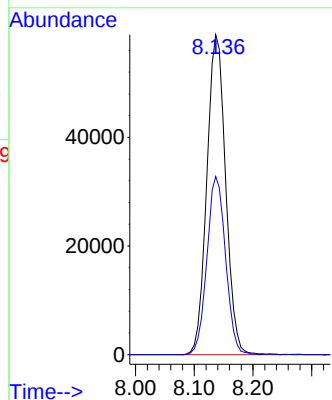
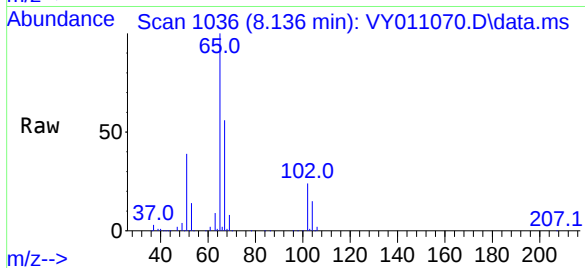
WC-4-102122

Tgt Ion: 65 Resp: 131152

Ion Ratio Lower Upper

65 100

67 55.0 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: VY011070.D

Acq: 24 Oct 2022 15:36

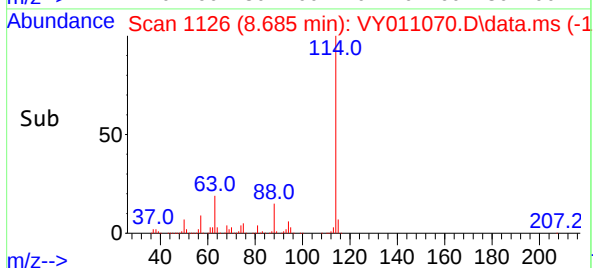
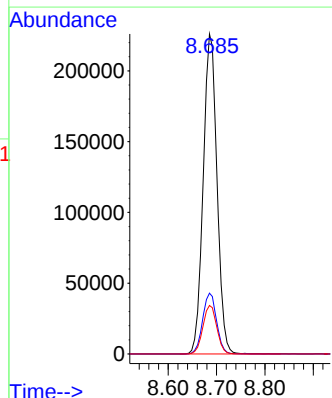
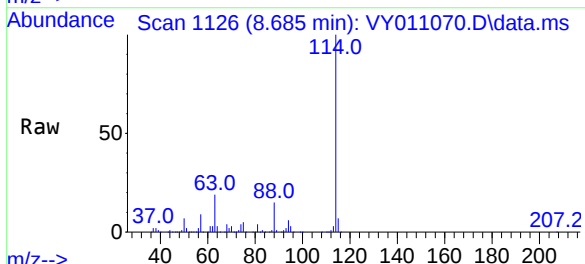
Tgt Ion: 114 Resp: 447686

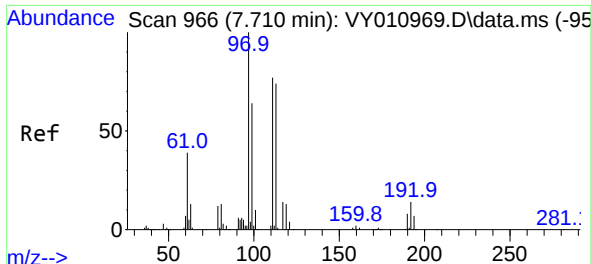
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.1 0.0 31.8

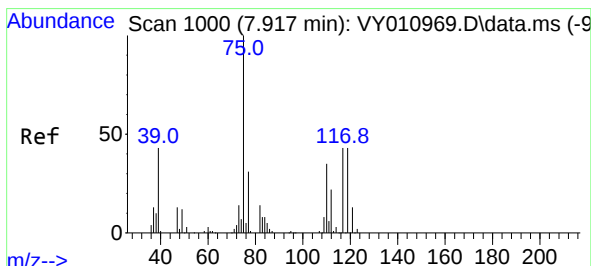
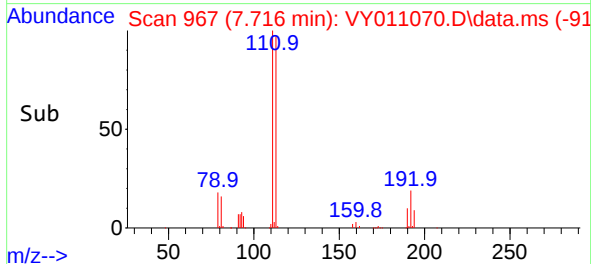
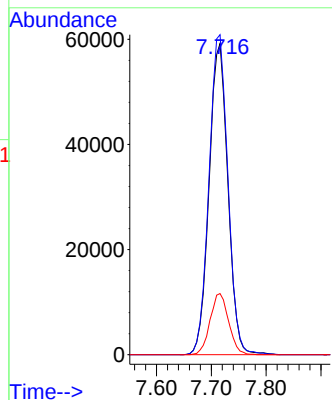
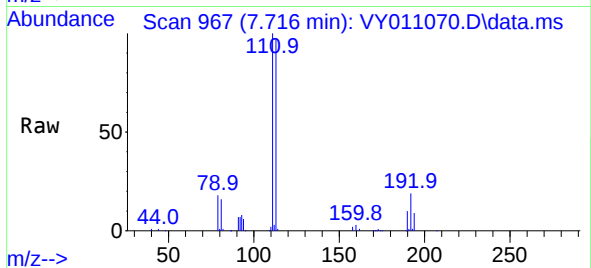




#35
Dibromofluoromethane
Concen: 56.620 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

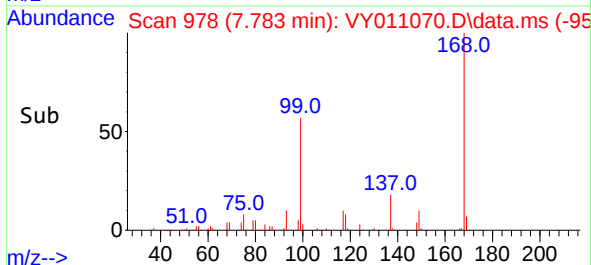
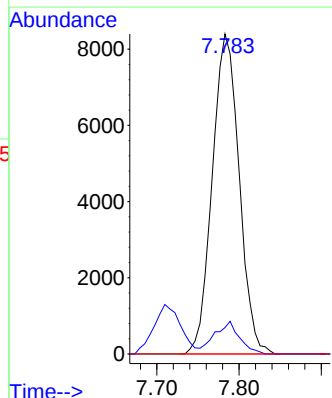
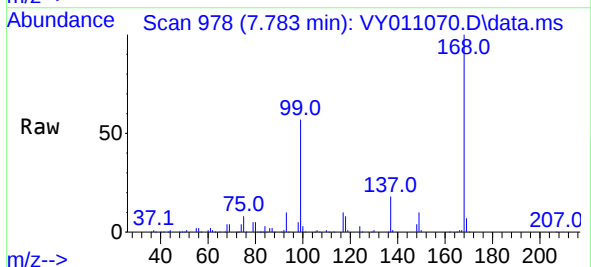
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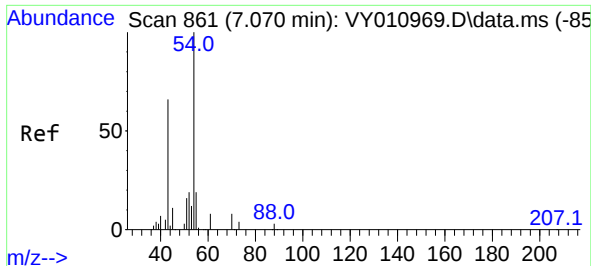
Tgt Ion:113 Resp: 140585
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 19.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.584 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

Tgt Ion: 75 Resp: 19104
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#

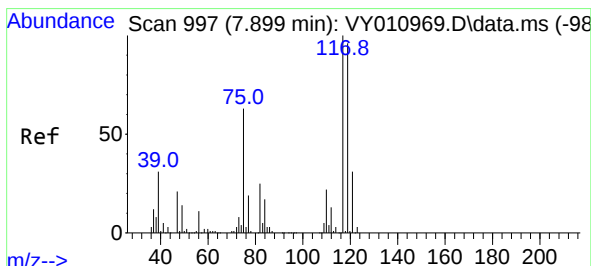
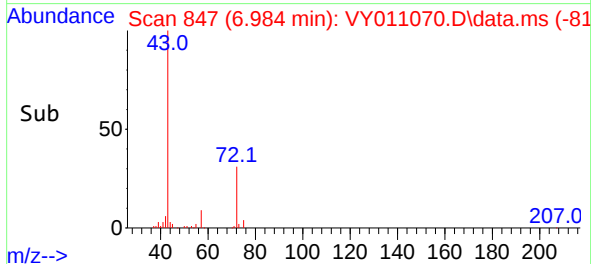
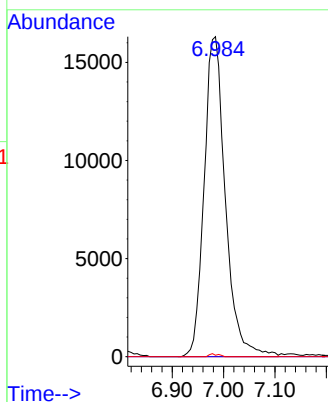
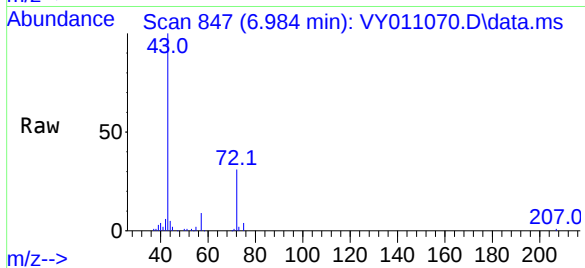




#37
Ethyl Acetate
Concen: 20.314 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.086 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

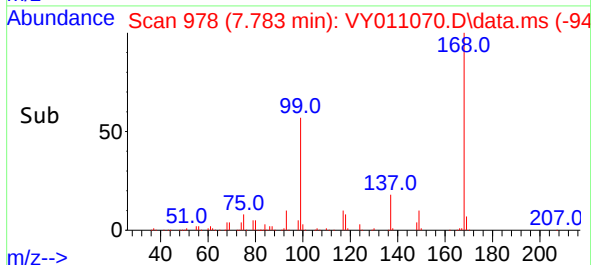
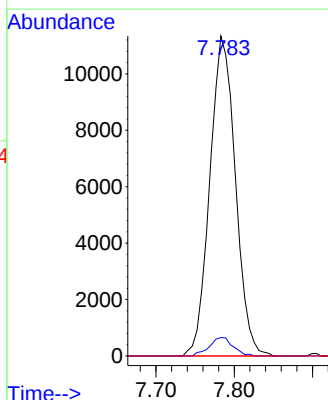
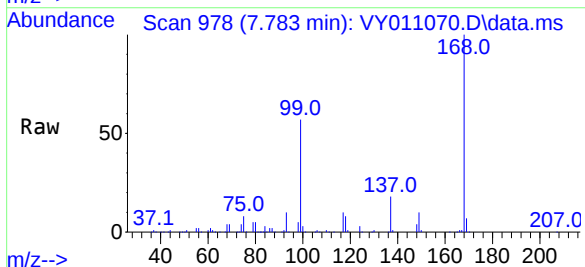
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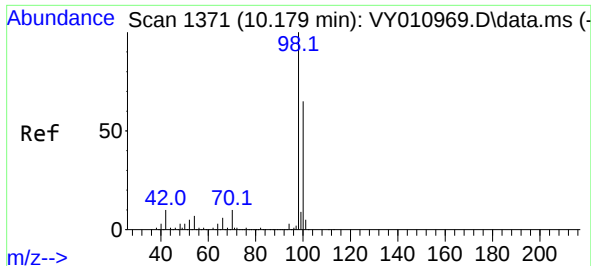
Tgt Ion: 43 Resp: 46872
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.4 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.984 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

Tgt Ion: 117 Resp: 25744
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#

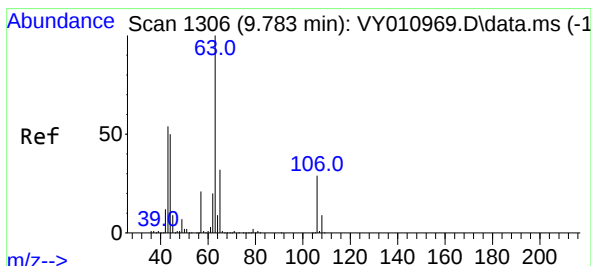
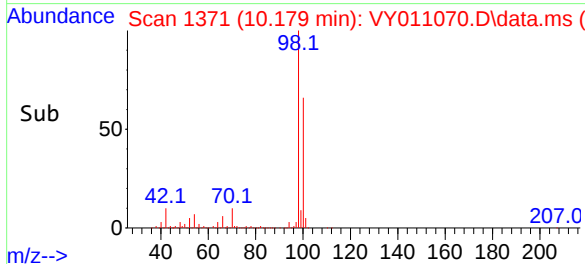
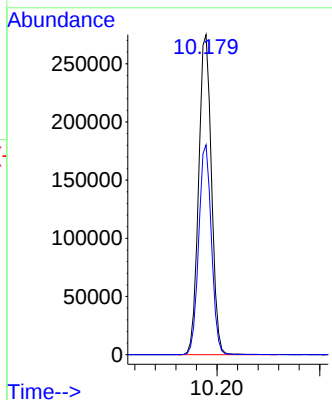
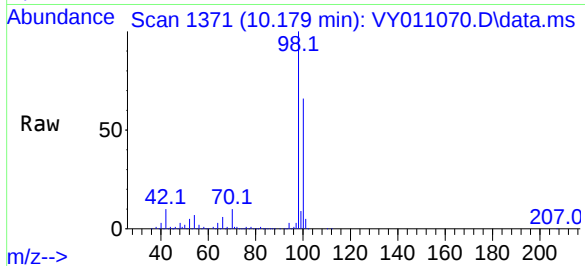




#50
Toluene-d8
Concen: 50.825 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

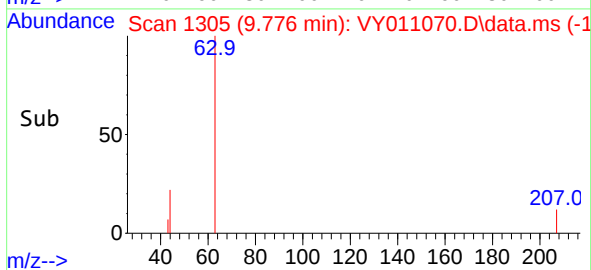
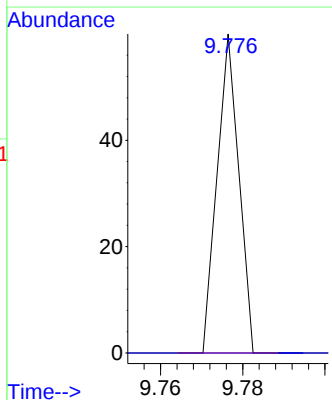
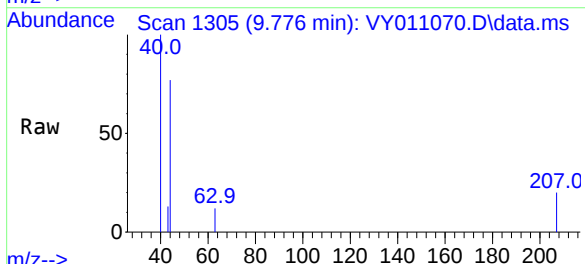
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-102122

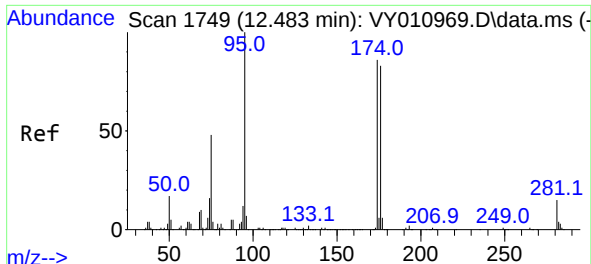
Tgt Ion: 98 Resp: 475096
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: 16.973 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.007 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

Tgt Ion: 63 Resp: 22
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

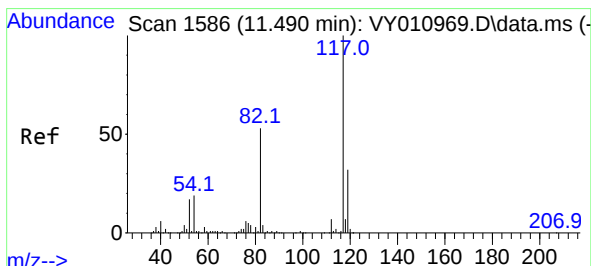
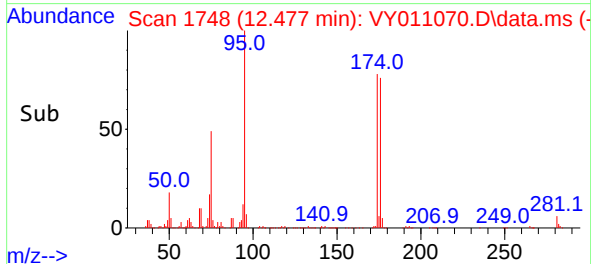
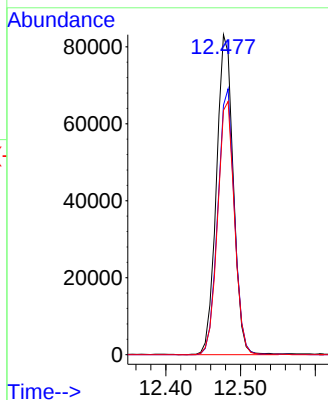
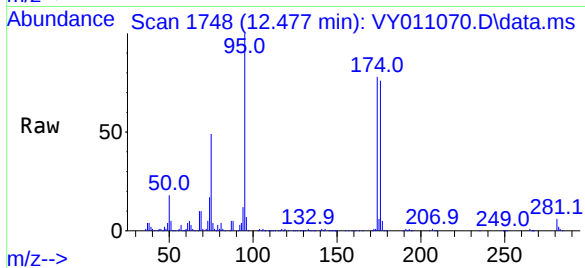




#62
4-Bromofluorobenzene
Concen: 38.772 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

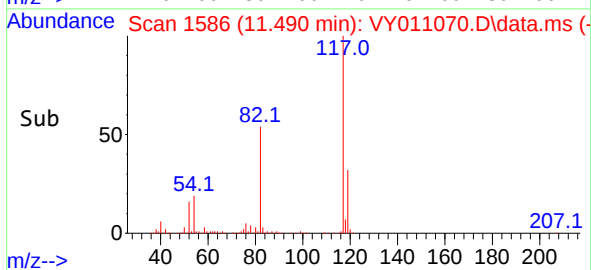
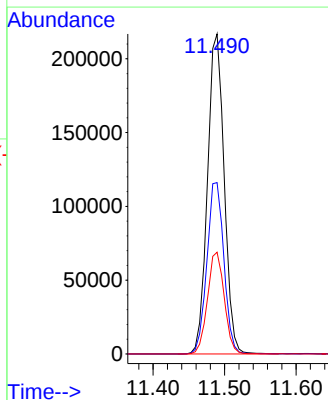
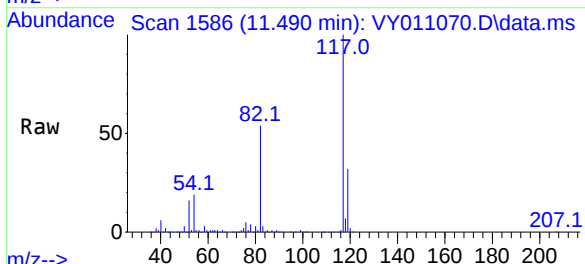
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-102122

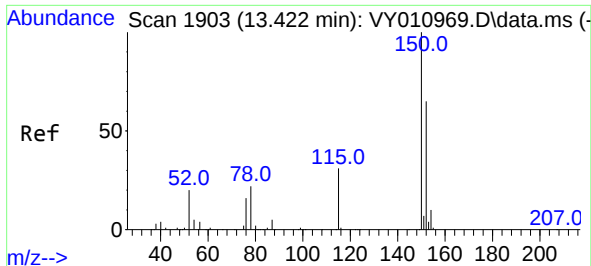
Tgt Ion: 95 Resp: 130668
Ion Ratio Lower Upper
95 100
174 81.4 0.0 177.0
176 78.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

Tgt Ion: 117 Resp: 351663
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.8 25.4 38.0

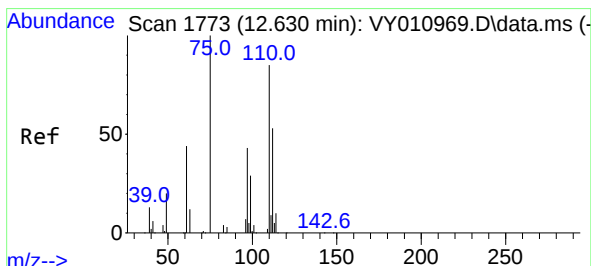
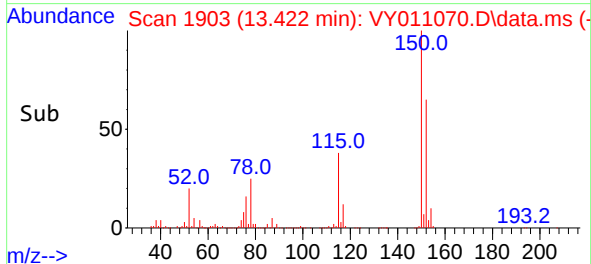
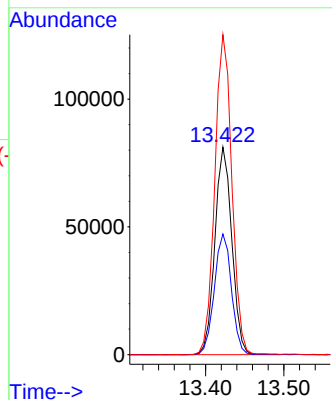
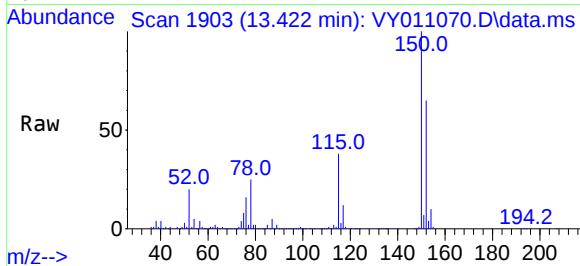




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

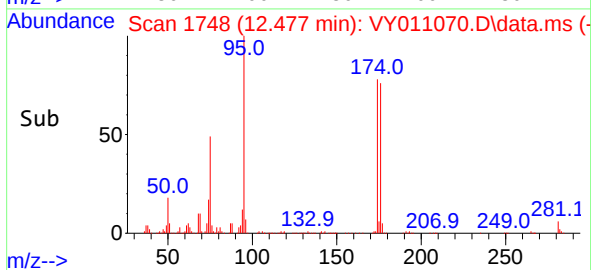
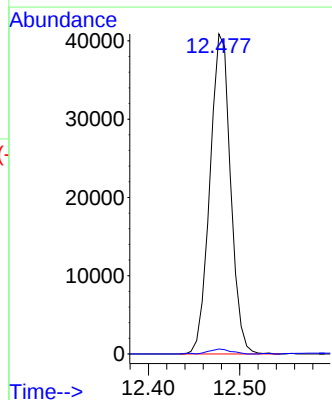
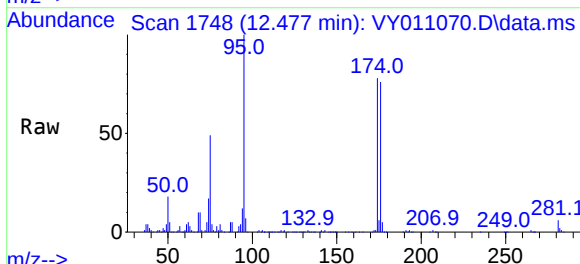
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-102122

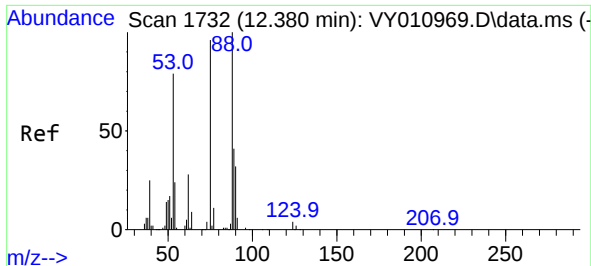
Tgt Ion:152 Resp: 122528
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 155.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.060 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011070.D
Acq: 24 Oct 2022 15:36

Tgt Ion: 75 Resp: 64074
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.063 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011070.D
 Acq: 24 Oct 2022 15:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4-102122

Tgt Ion: 75 Resp: 64074
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

