

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011412.D
 Acq On : 11 Nov 2022 12:46
 Operator : KP/MD
 Sample : N5561-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05

Quant Time: Nov 11 13:35:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

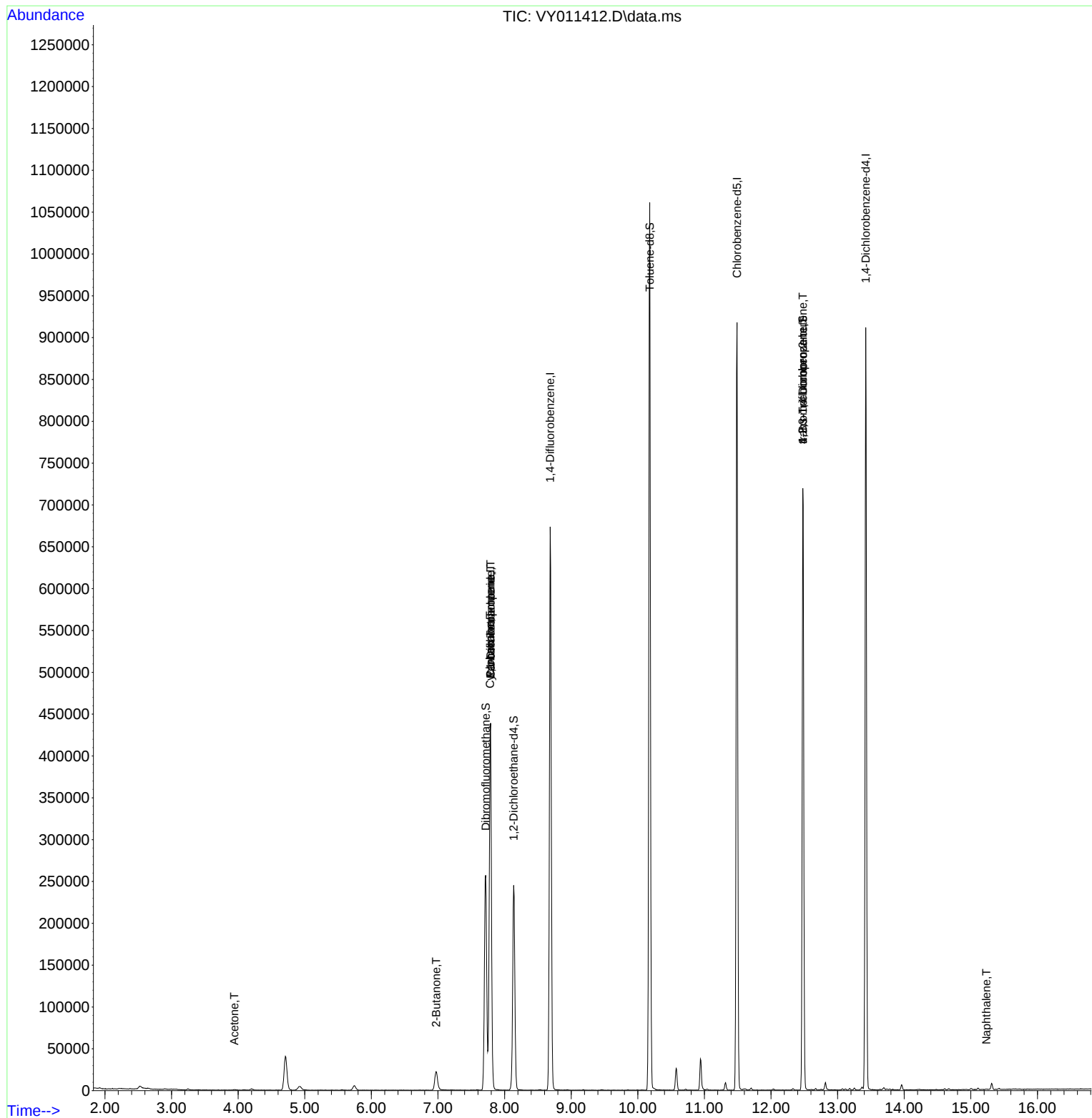
Internal Standards						
1) Pentafluorobenzene	7.789	168	354204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	595172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	529218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	242640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	186426	62.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.620%	
35) Dibromofluoromethane	7.716	113	189576	56.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.680%	
50) Toluene-d8	10.179	98	715806	56.175	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.340%	
62) 4-Bromofluorobenzene	12.477	95	230218	51.799	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	220	Below Cal	#	43
11) Tert butyl alcohol	4.918	59	4881	Below Cal	#	77
16) Acetone	3.942	43	1379	1.761	ug/l	96
18) Methyl Acetate	4.473	43	25	Below Cal	#	56
25) 2-Butanone	6.972	43	1200	1.076	ug/l	# 83
31) Cyclohexane	7.783	56	5914	1.109	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	24391	4.712	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	33515	5.952	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	109617	39.029	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	109617	93.813	ug/l	# 7
95) Naphthalene	15.233	128	862	3.363	ug/l	# 72

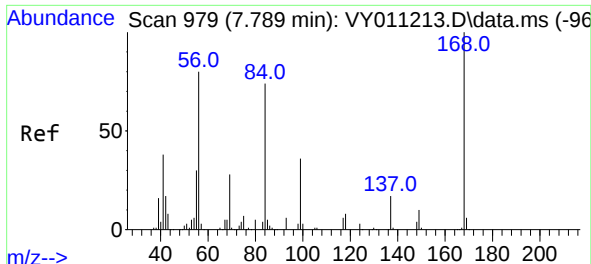
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
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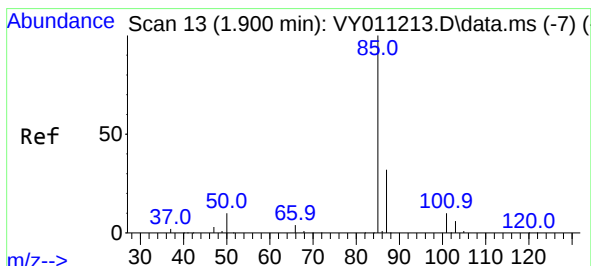
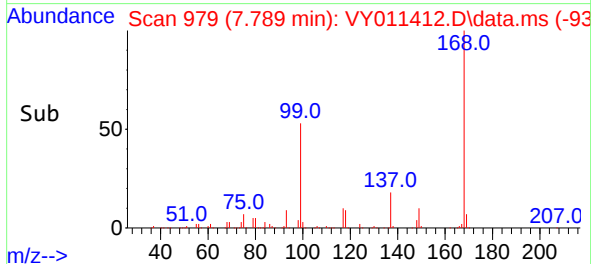
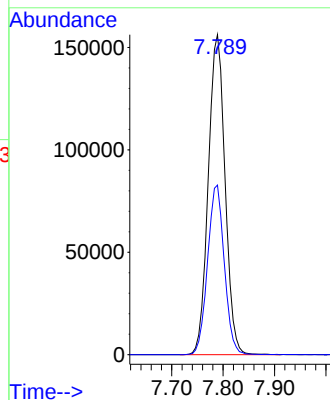
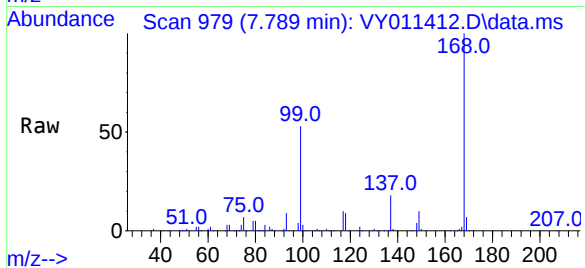




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

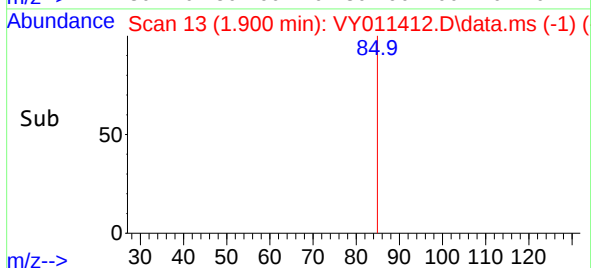
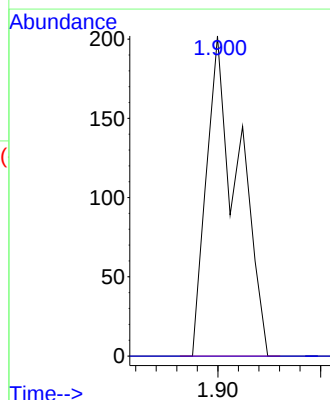
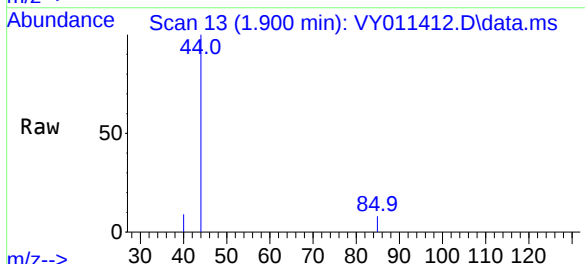
Instrument :
MSVOA_Y
ClientSampleId :
SB-05

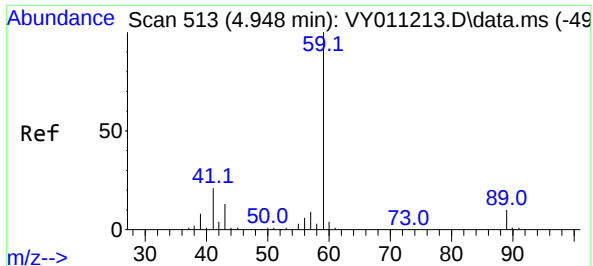
Tgt Ion:168 Resp: 354204
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

Tgt Ion: 85 Resp: 220
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

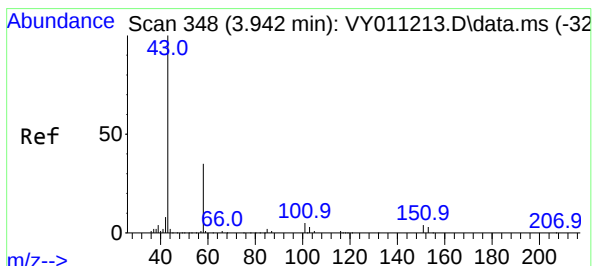
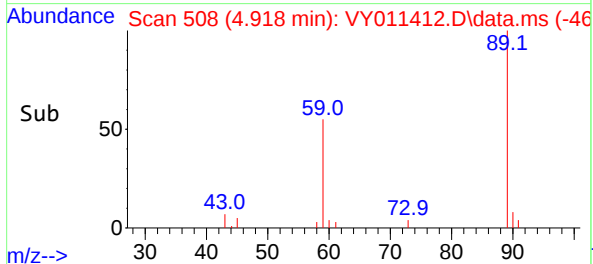
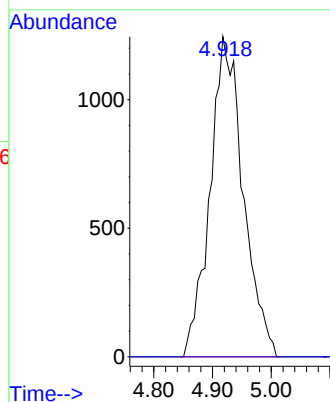
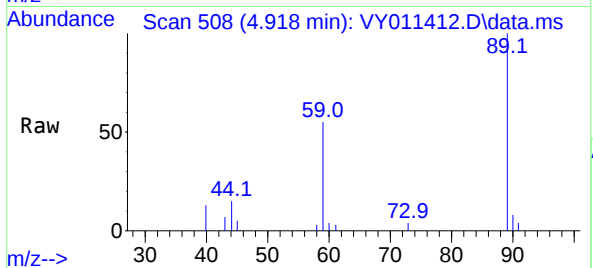




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.036 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

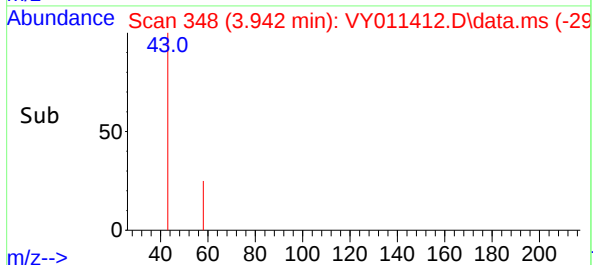
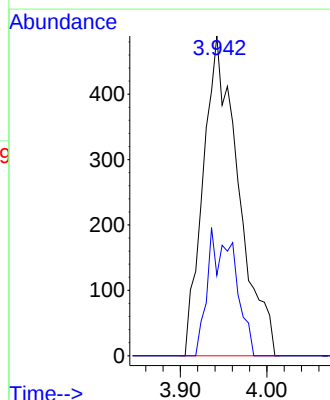
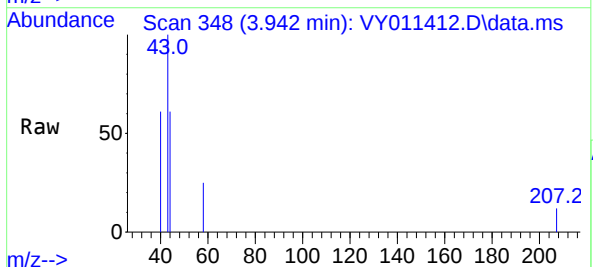
Instrument :
MSVOA_Y
ClientSampleId :
SB-05

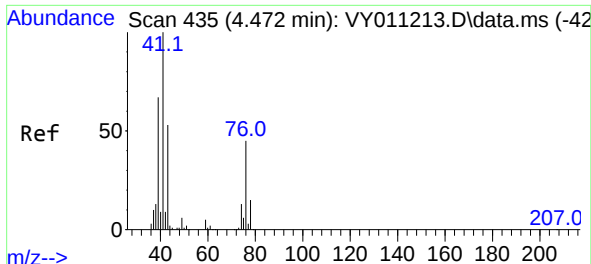
Tgt Ion: 59 Resp: 4881
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 1.761 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

Tgt Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
58 25.2 22.0 33.0

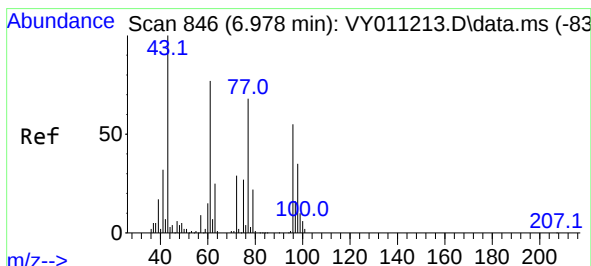
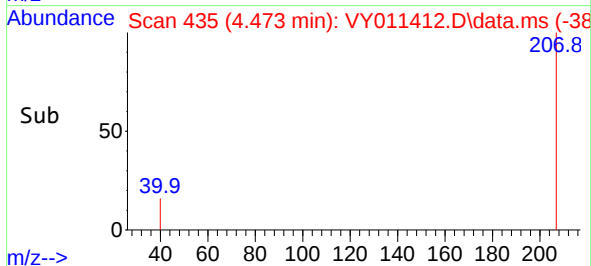
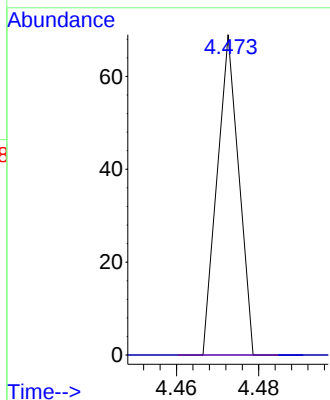
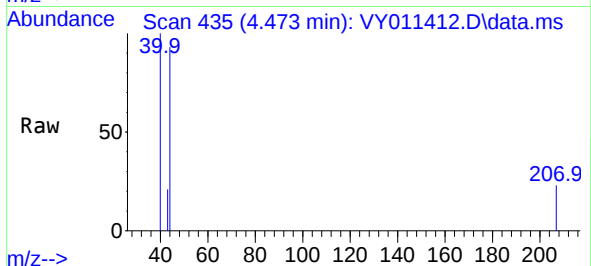




#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

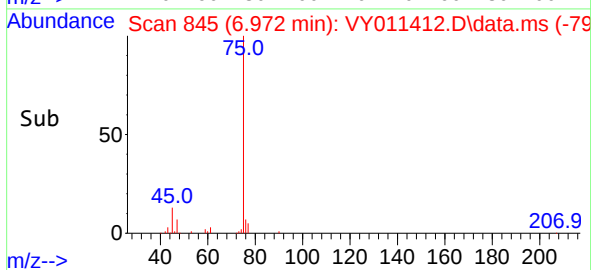
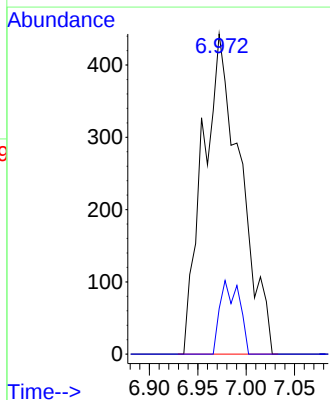
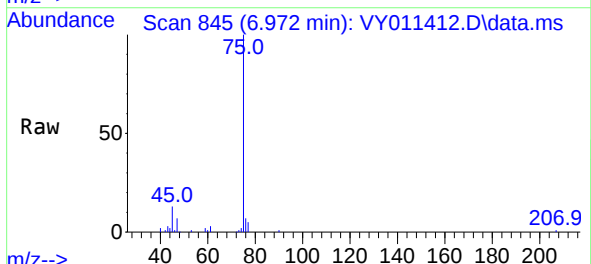
Instrument :
MSVOA_Y
ClientSampleId :
SB-05

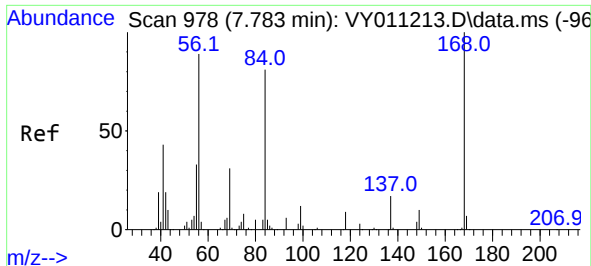
Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 1.076 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
72 14.2 17.7 26.5#

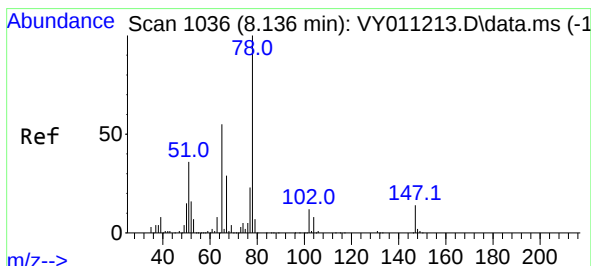
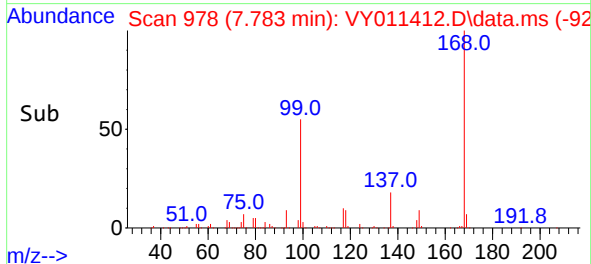
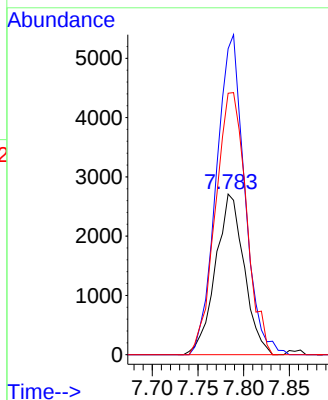
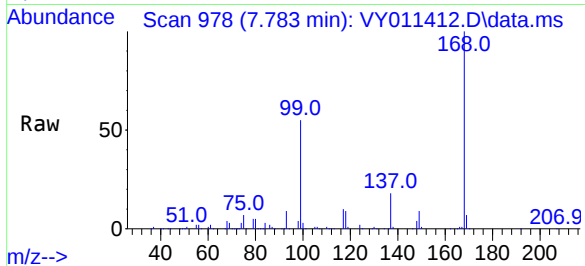




#31
Cyclohexane
Concen: 1.109 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

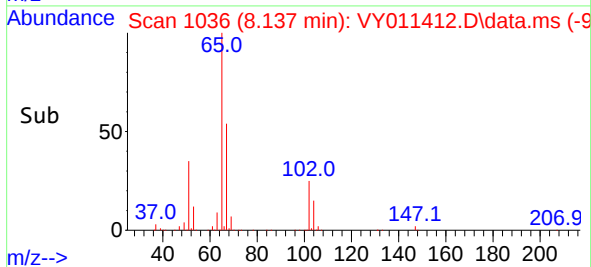
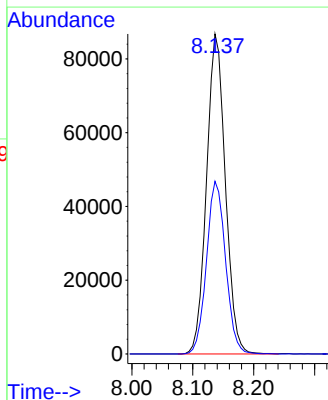
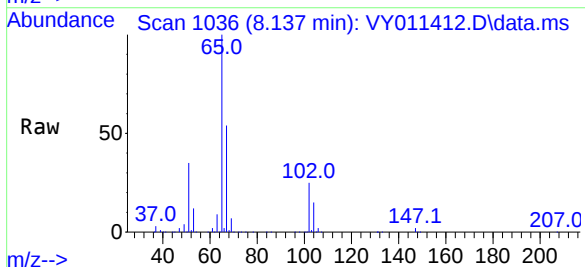
Instrument :
MSVOA_Y
ClientSampleId :
SB-05

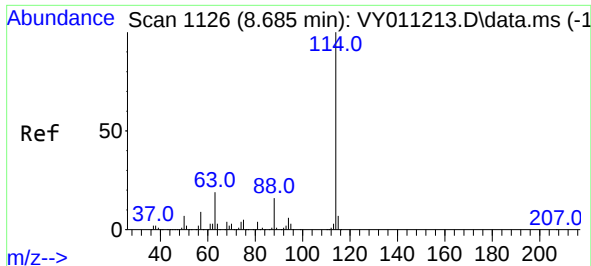
Tgt Ion: 56 Resp: 5914
Ion Ratio Lower Upper
56 100
69 190.4 26.7 40.1#
84 162.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.809 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

Tgt Ion: 65 Resp: 186426
Ion Ratio Lower Upper
65 100
67 54.6 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: VY011412.D

Acq: 11 Nov 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

SB-05

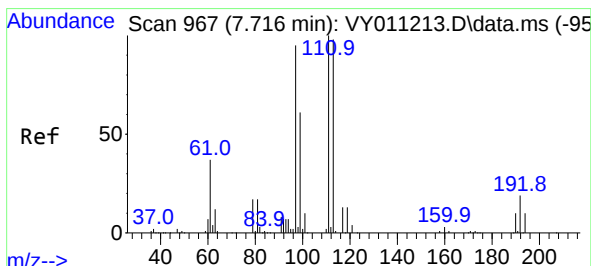
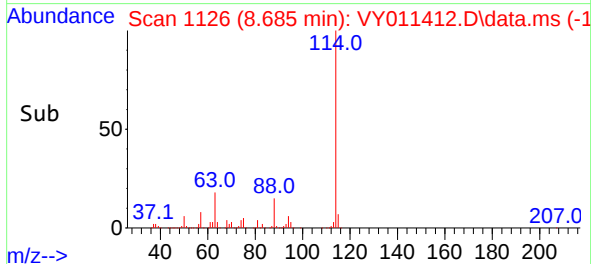
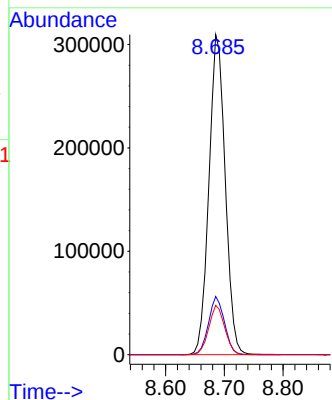
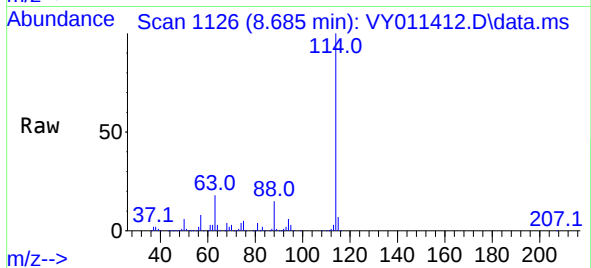
Tgt Ion:114 Resp: 595172

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.836 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011412.D

Acq: 11 Nov 2022 12:46

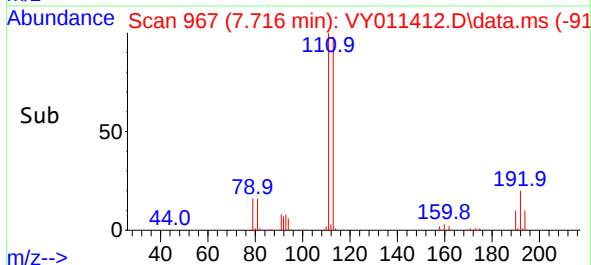
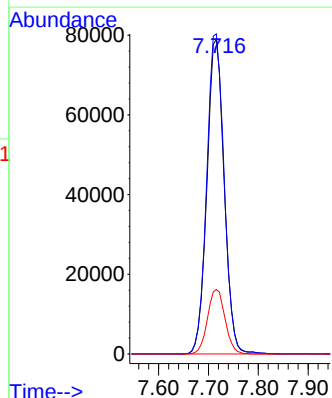
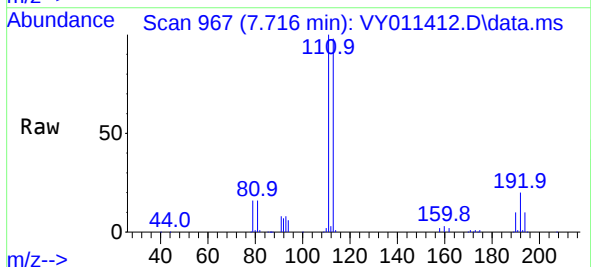
Tgt Ion:113 Resp: 189576

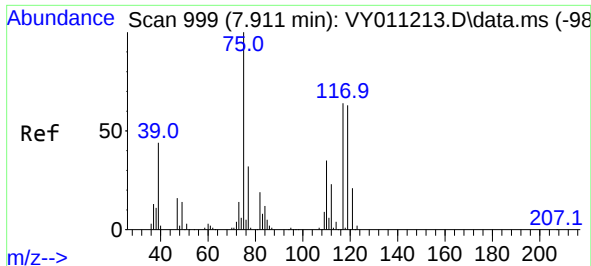
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 20.8 17.6 26.4

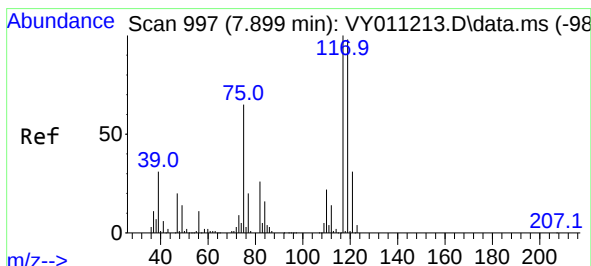
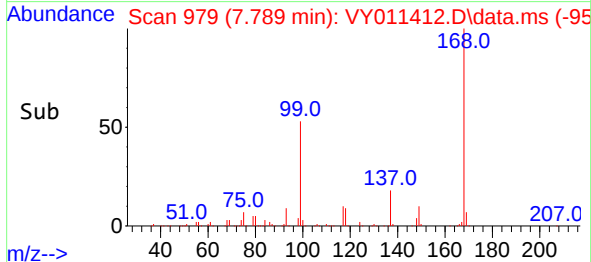
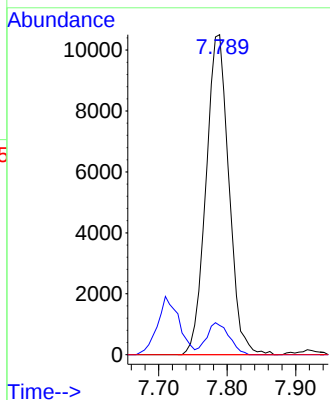
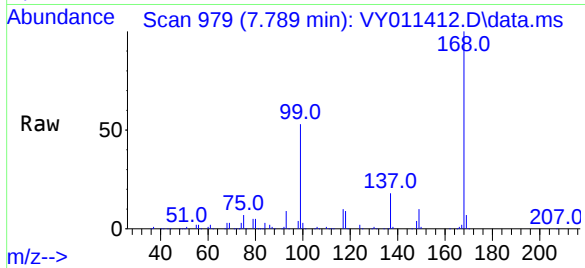




#36
1,1-Dichloropropene
Concen: 4.712 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

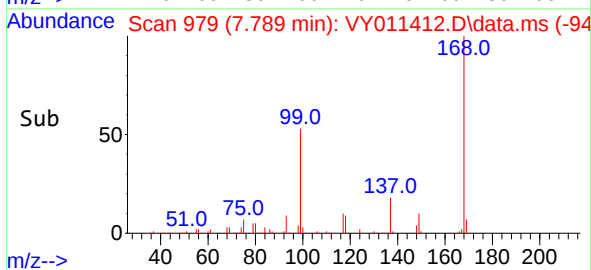
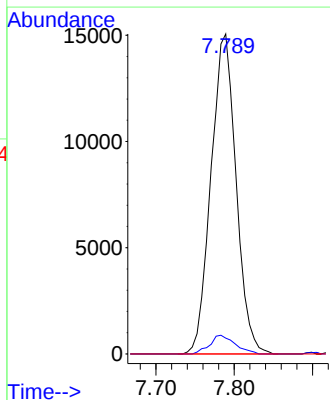
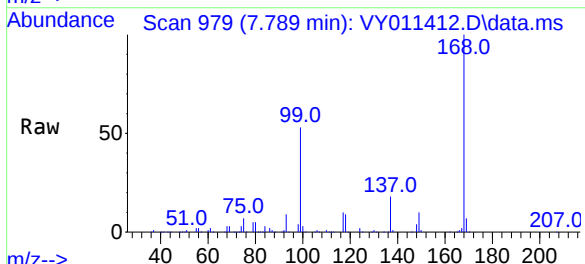
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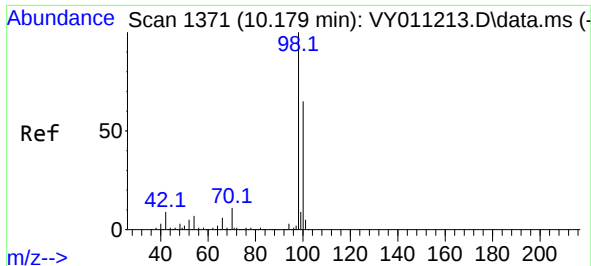
Tgt Ion: 75 Resp: 24391
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.952 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

Tgt Ion: 117 Resp: 33515
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#

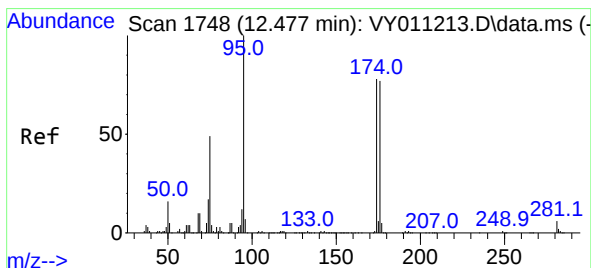
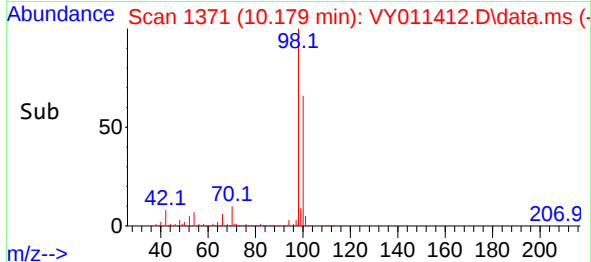
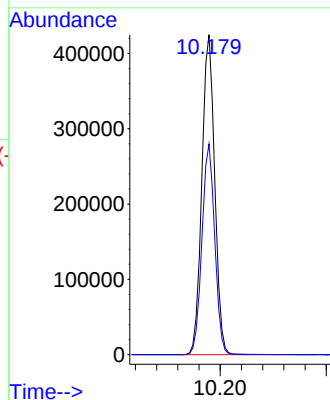
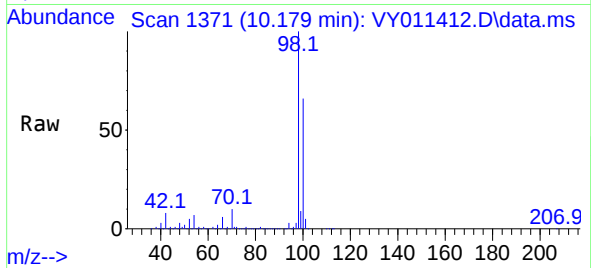




#50
Toluene-d8
Concen: 56.175 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

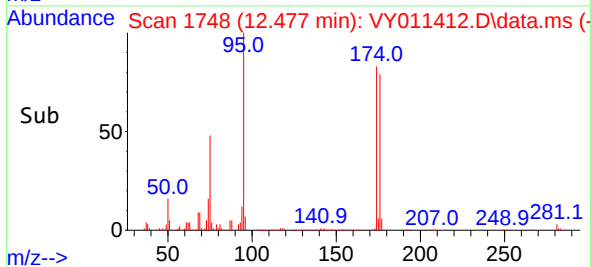
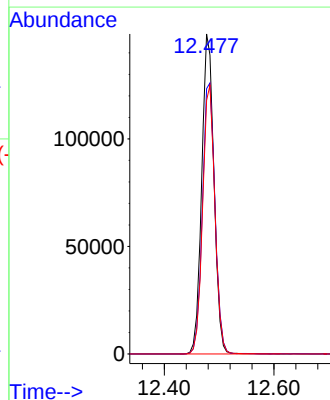
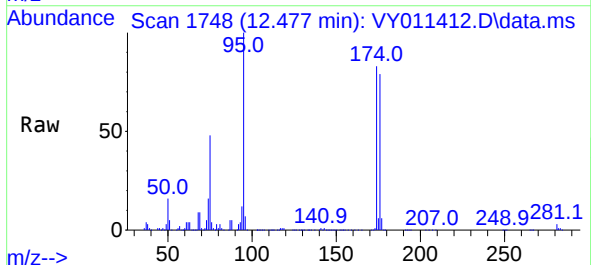
Instrument :
MSVOA_Y
ClientSampleId :
SB-05

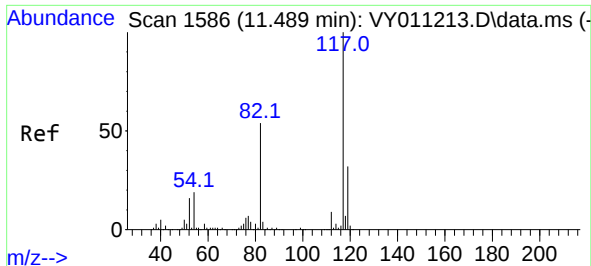
Tgt Ion: 98 Resp: 715806
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.799 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

Tgt Ion: 95 Resp: 230218
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 84.3 0.0 175.8

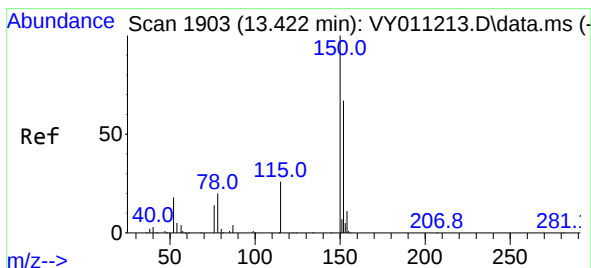
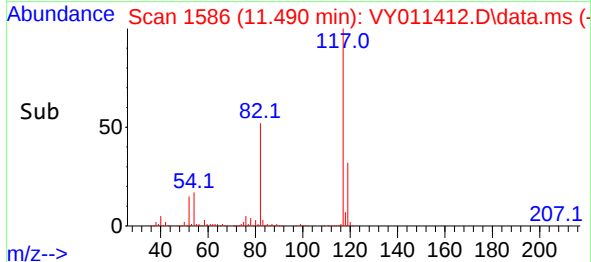
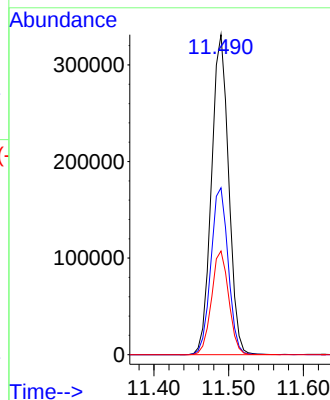
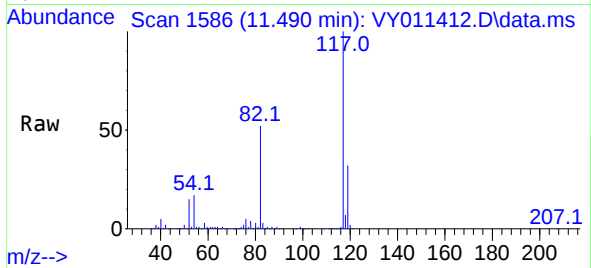




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

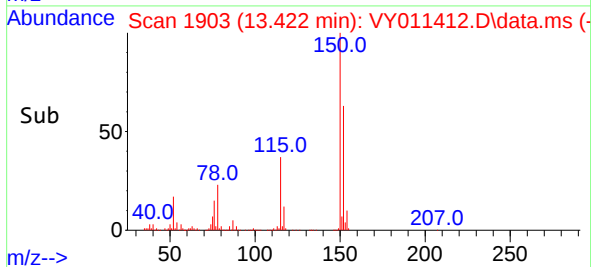
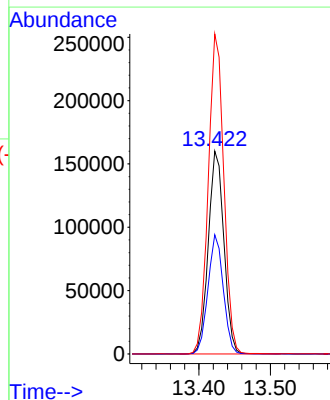
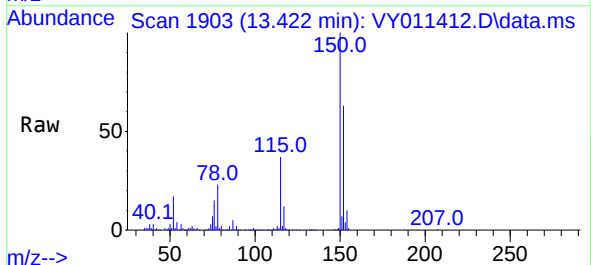
Instrument :
MSVOA_Y
ClientSampleId :
SB-05

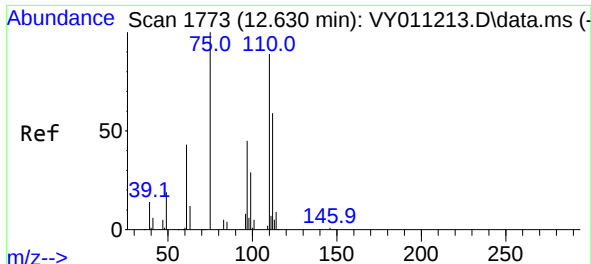
Tgt Ion:117 Resp: 529218
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

Tgt Ion:152 Resp: 242640
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 157.3 0.0 347.6

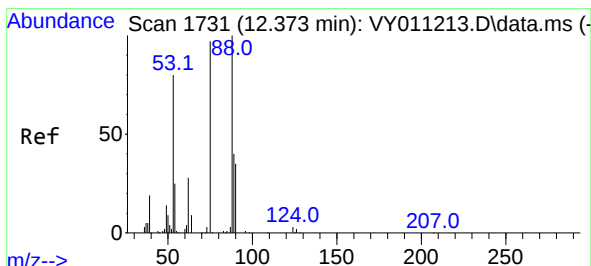
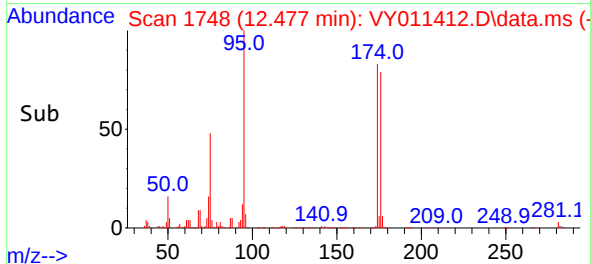
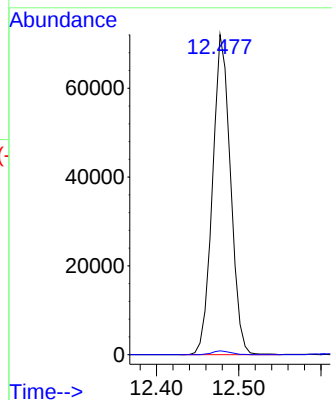
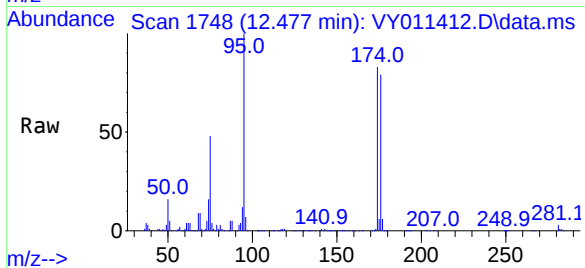




#76
1,2,3-Trichloropropane
Concen: 39.029 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

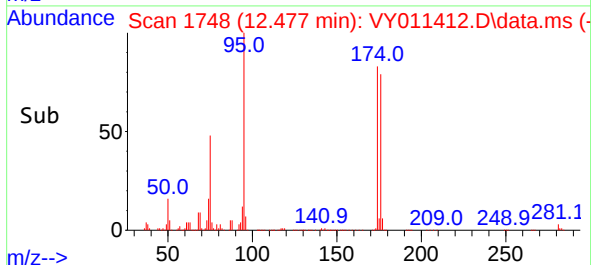
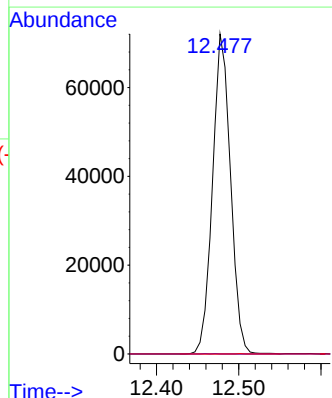
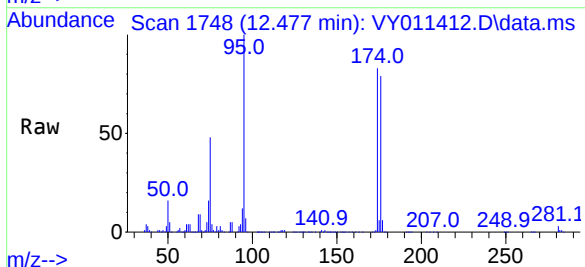
Instrument :
MSVOA_Y
ClientSampleId :
SB-05

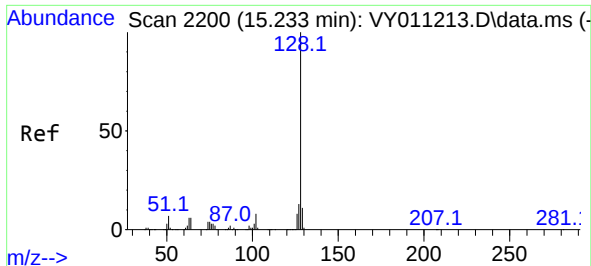
Tgt Ion: 75 Resp: 109617
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.813 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

Tgt Ion: 75 Resp: 109617
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 3.363 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011412.D

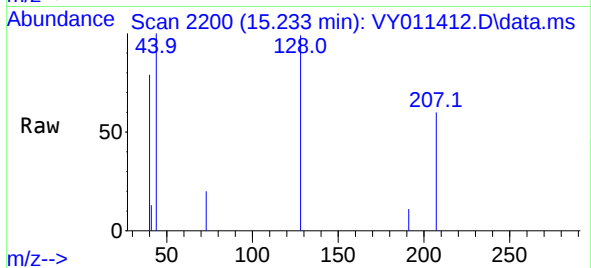
Acq: 11 Nov 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

SB-05



Tgt Ion:128 Resp: 862

Ion Ratio Lower Upper

128 100

127 2.6 11.0 16.4#

129 0.0 8.4 12.6#

