

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010432.D
 Acq On : 09 Sep 2022 20:52
 Operator : KP/MD
 Sample : N4530-09
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-21-7.5-8.0

Quant Time: Sep 10 00:00:57 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)

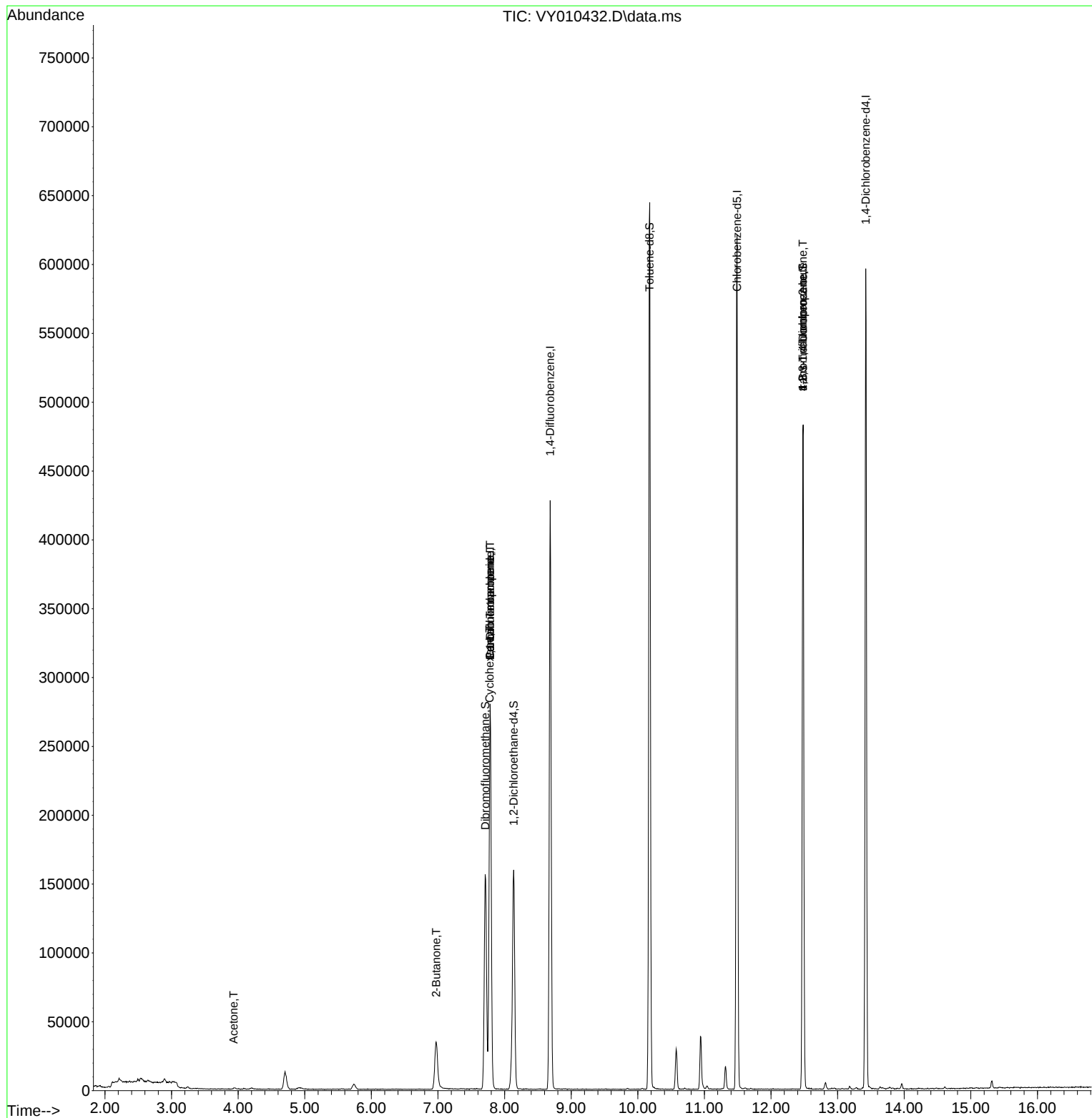
Internal Standards						
1) Pentafluorobenzene	7.783	168	222415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	374581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	342180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119207	53.215	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.440%	
35) Dibromofluoromethane	7.710	113	112372	42.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 84.480%	
50) Toluene-d8	10.179	98	433011	50.222	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.440%	
62) 4-Bromofluorobenzene	12.477	95	143328	40.808	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.620%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	184	Below Cal	#	43
11) Tert butyl alcohol	4.936	59	1138	Below Cal	#	77
16) Acetone	3.930	43	1710	3.326	ug/l #	84
20) Methylene Chloride	4.704	84	9690	Below Cal	#	78
25) 2-Butanone	6.972	43	1826	2.235	ug/l #	54
31) Cyclohexane	7.777	56	4257	1.125	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	16470	4.522	ug/l #	51
38) Carbon Tetrachloride	7.783	117	21729	5.363	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	75259	43.464	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75259	96.505	ug/l #	7

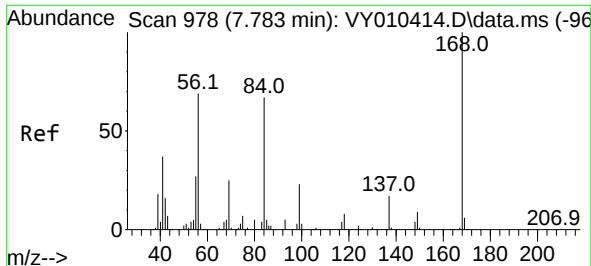
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 09 17:08:30 2022
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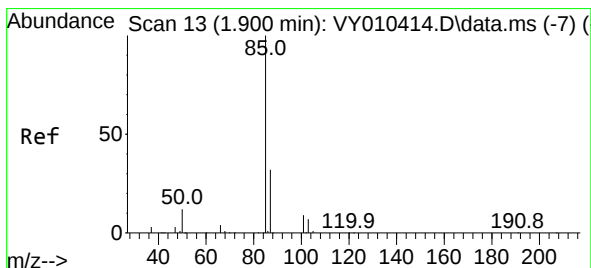
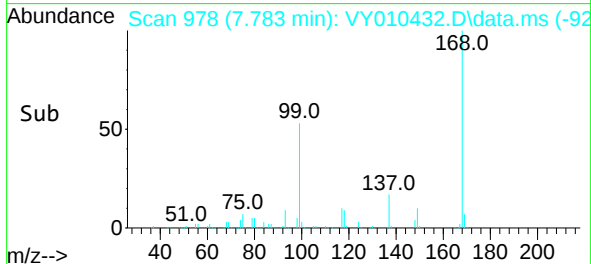
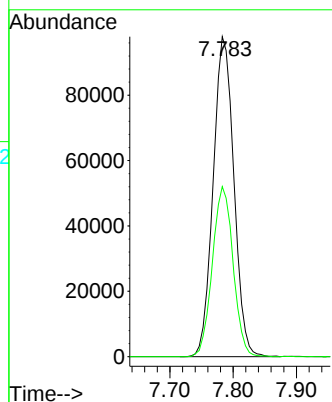
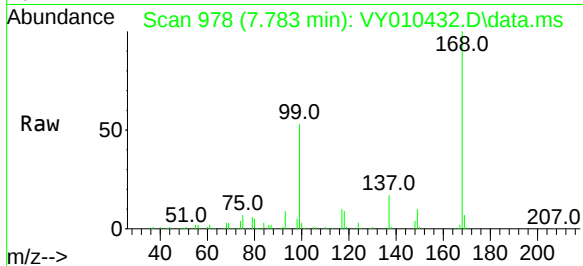




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010432.D
Acq: 09 Sep 2022 20:52

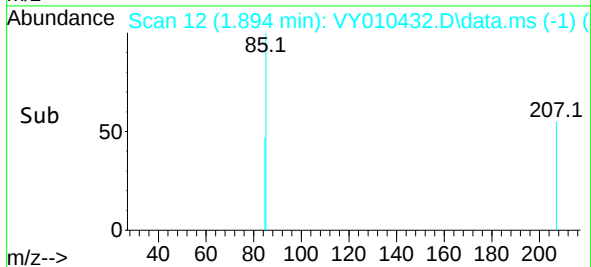
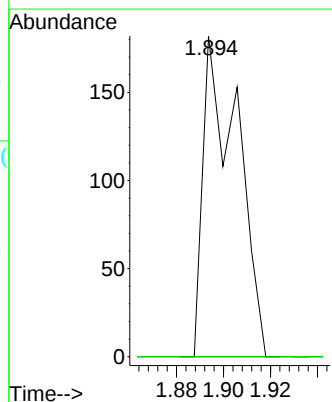
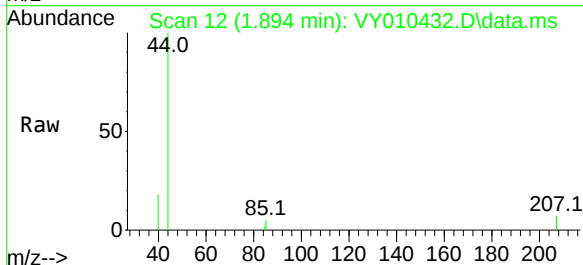
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-7.5-8.0

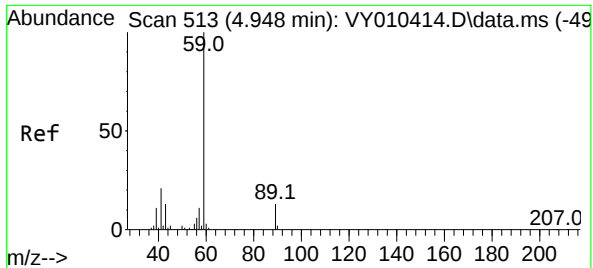
Tgt Ion:168 Resp: 222415
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY010432.D
Acq: 09 Sep 2022 20:52

Tgt Ion: 85 Resp: 184
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

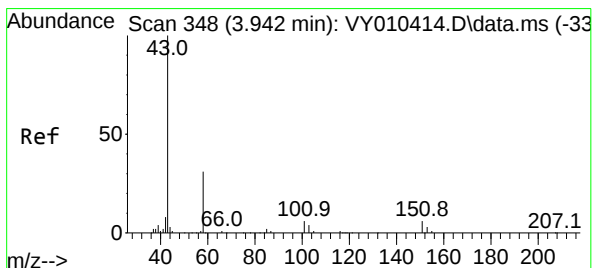
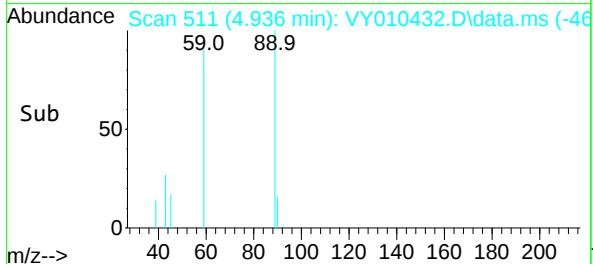
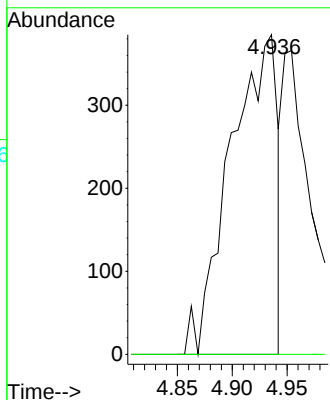
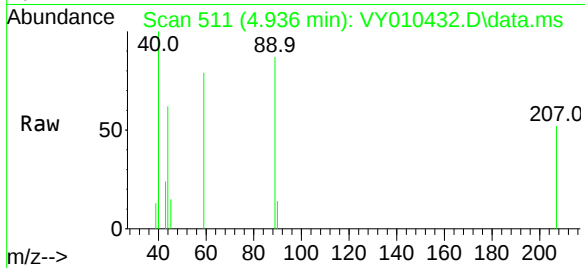




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010432.D
Acq: 09 Sep 2022 20:52

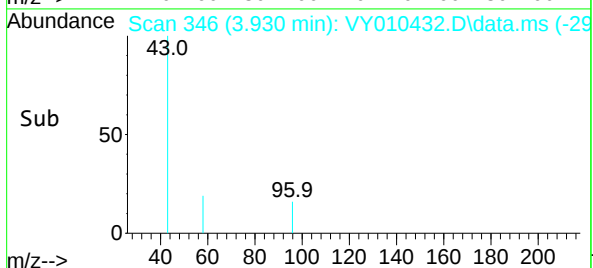
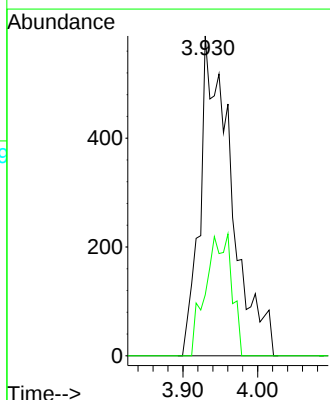
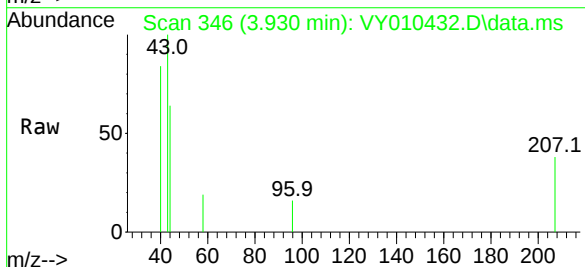
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-7.5-8.0

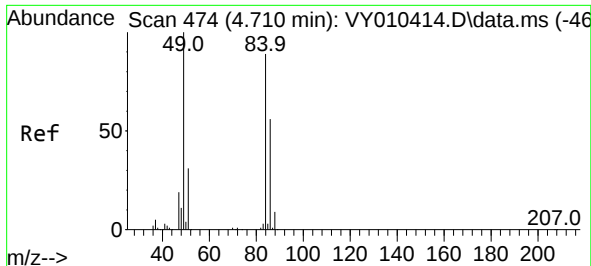
Tgt Ion: 59 Resp: 1138
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 3.326 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.012 min
Lab File: VY010432.D
Acq: 09 Sep 2022 20:52

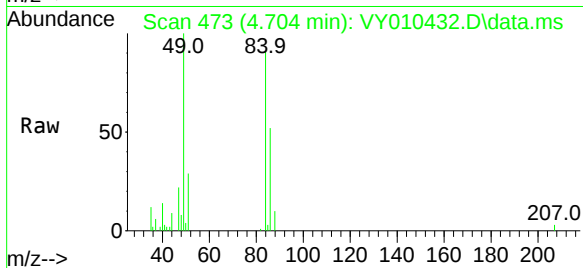
Tgt Ion: 43 Resp: 1710
Ion Ratio Lower Upper
43 100
58 19.0 22.0 33.0#



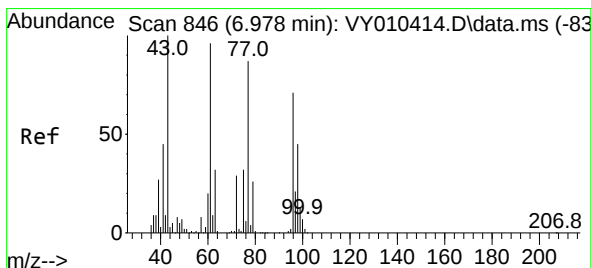
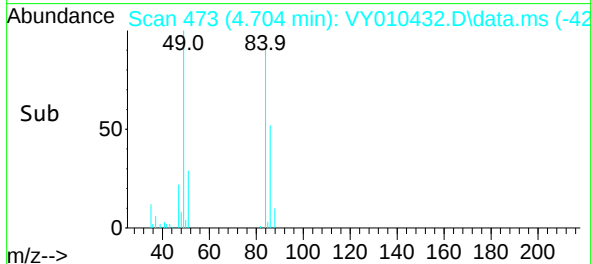
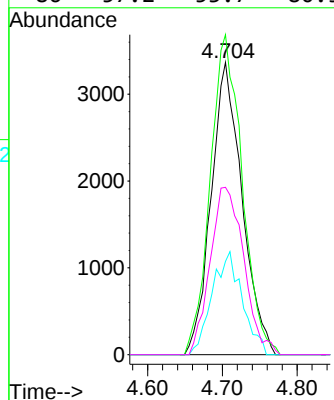


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010432.D
Acq: 09 Sep 2022 20:52

Instrument :
MSVOA_Y
ClientSampleId :
SB-21-7.5-8.0

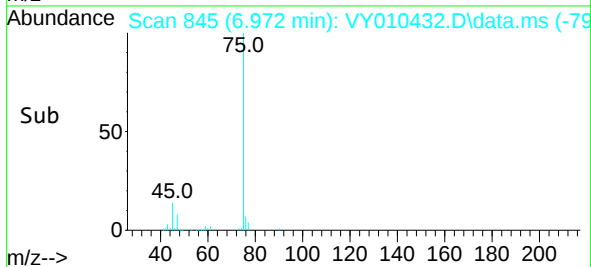
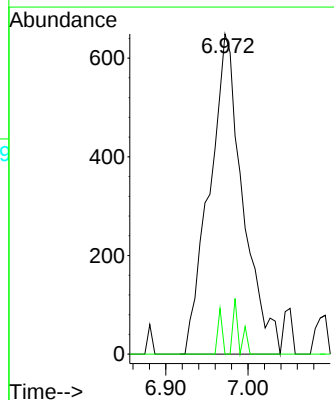
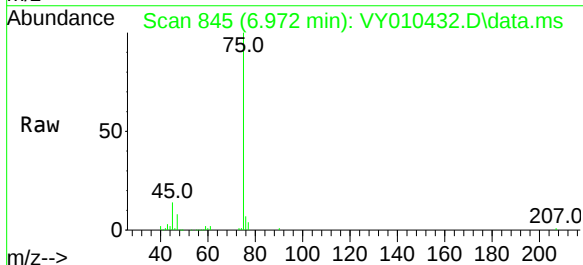


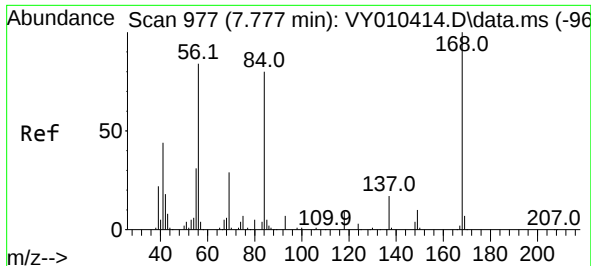
Tgt Ion: 84 Resp: 9690
Ion Ratio Lower Upper
84 100
49 109.5 114.4 171.6#
51 31.9 35.3 52.9#
86 57.2 53.7 80.5



#25
2-Butanone
Concen: 2.235 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010432.D
Acq: 09 Sep 2022 20:52

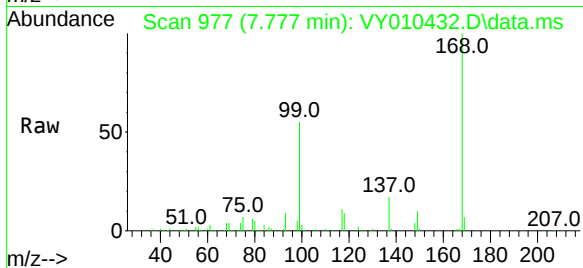
Tgt Ion: 43 Resp: 1826
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



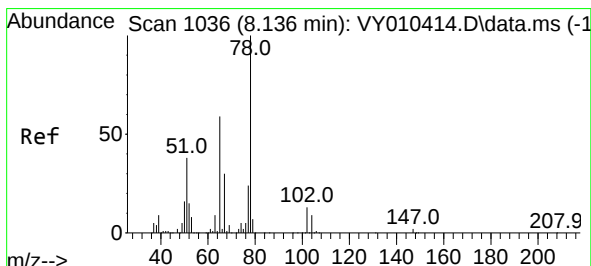
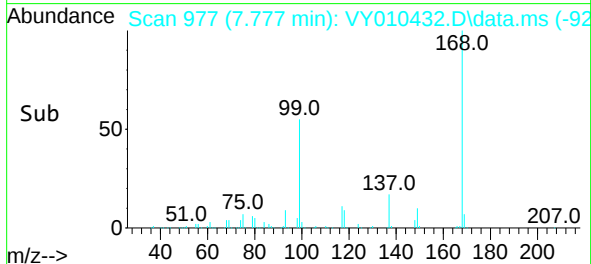
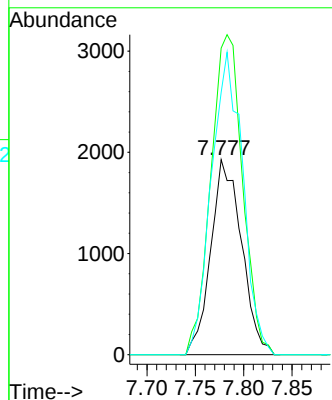


#31
Cyclohexane
Concen: 1.125 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010432.D
Acq: 09 Sep 2022 20:52

Instrument :
MSVOA_Y
ClientSampleId :
SB-21-7.5-8.0

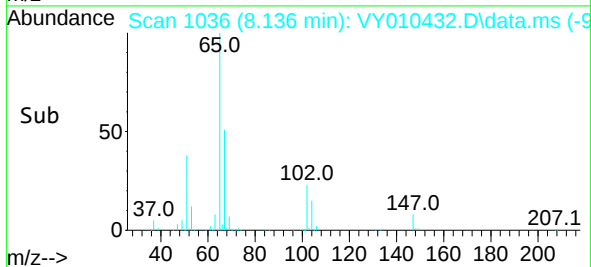
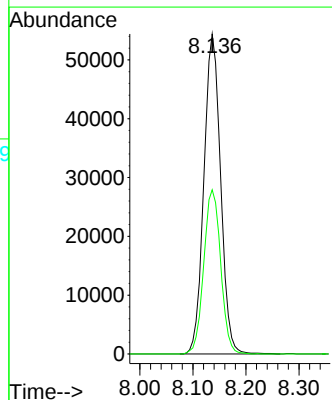
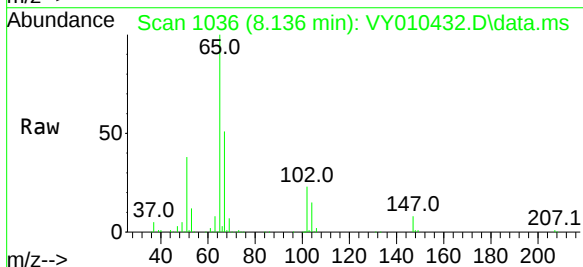


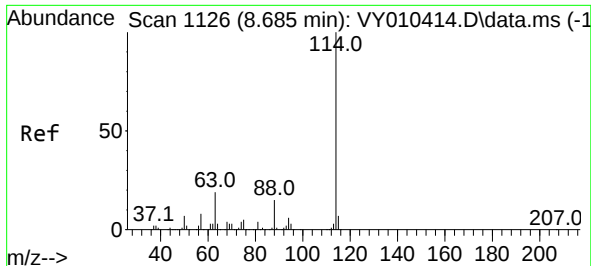
Tgt Ion: 56 Resp: 4257
Ion Ratio Lower Upper
56 100
69 157.2 26.7 40.1#
84 134.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.215 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010432.D
Acq: 09 Sep 2022 20:52

Tgt Ion: 65 Resp: 119207
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4

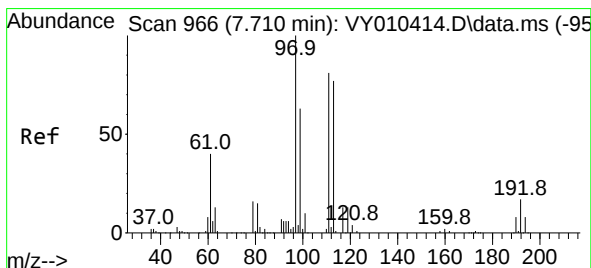
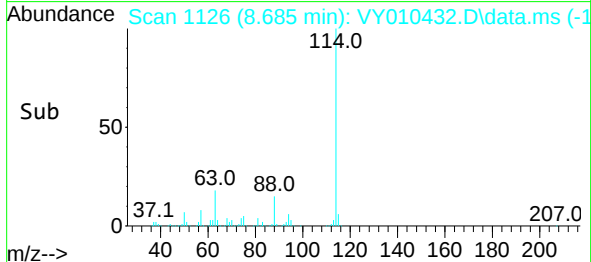
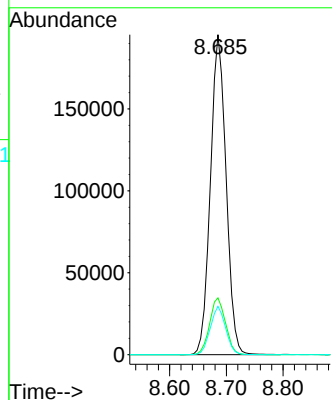
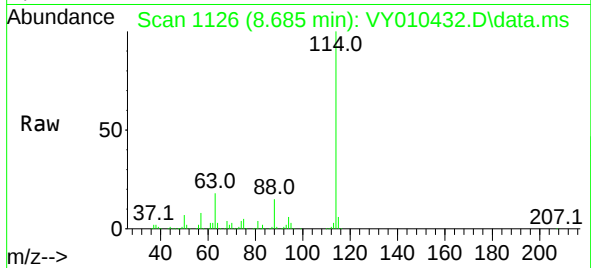




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010432.D
Acq: 09 Sep 2022 20:52

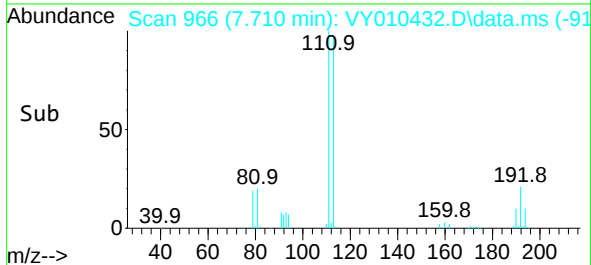
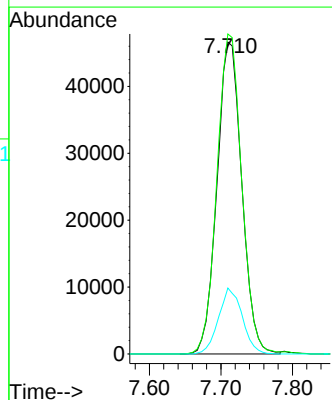
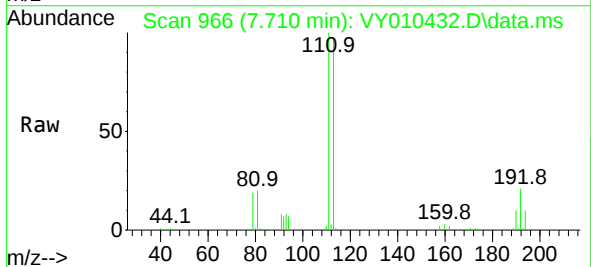
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-7.5-8.0

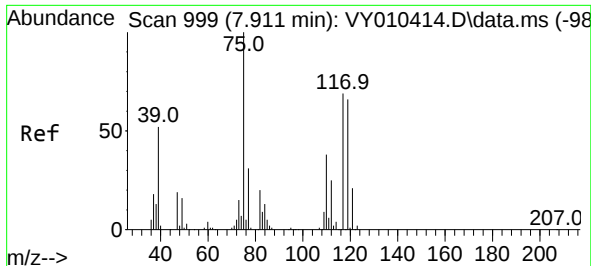
Tgt Ion:114 Resp: 374581
Ion Ratio Lower Upper
114 100
63 17.8 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.240 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010432.D
Acq: 09 Sep 2022 20:52

Tgt Ion:113 Resp: 112372
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.2 17.6 26.4

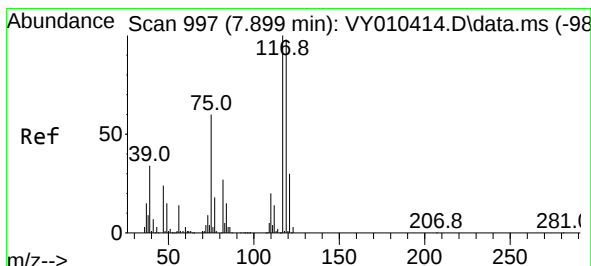
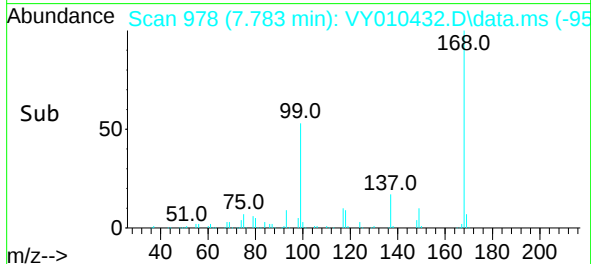
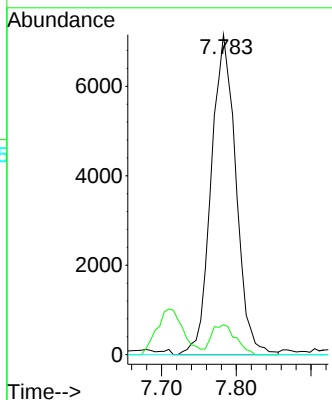
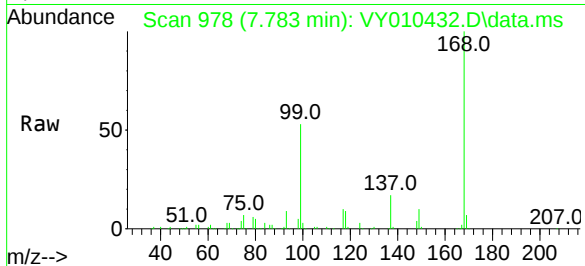




#36
 1,1-Dichloropropene
 Concen: 4.522 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY010432.D
 Acq: 09 Sep 2022 20:52

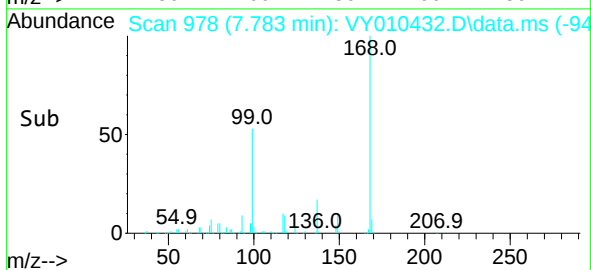
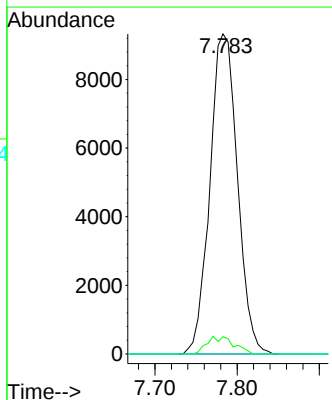
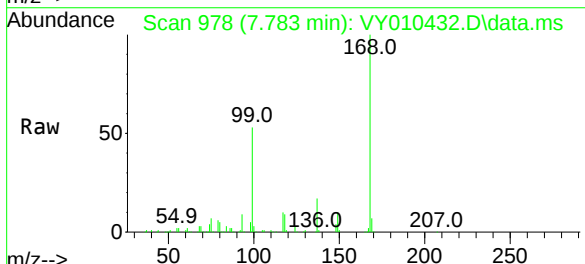
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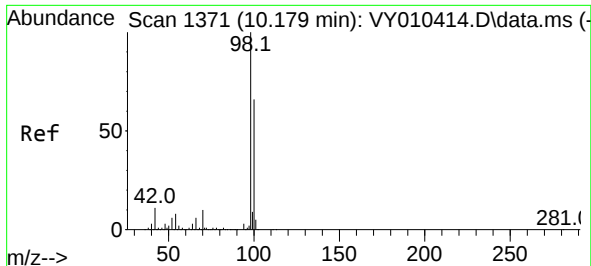
Tgt Ion: 75 Resp: 16470
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.363 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY010432.D
 Acq: 09 Sep 2022 20:52

Tgt Ion: 117 Resp: 21729
 Ion Ratio Lower Upper
 117 100
 119 5.4 77.9 116.9#
 121 0.0 24.8 37.2#

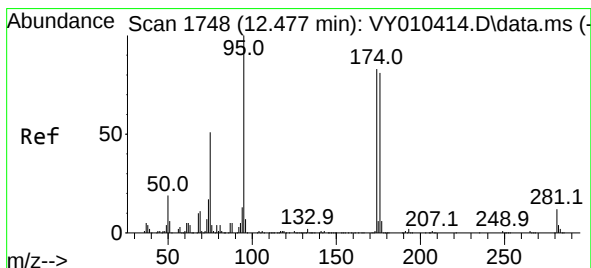
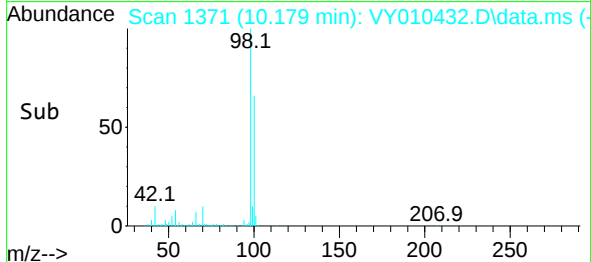
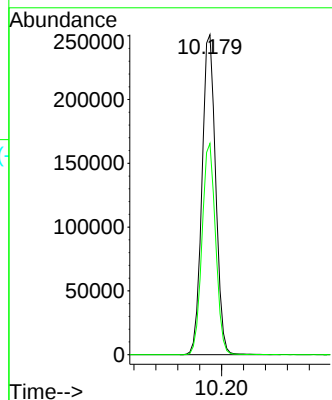
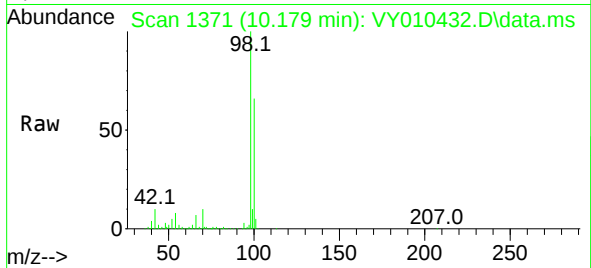




#50
Toluene-d8
Concen: 50.222 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010432.D
Acq: 09 Sep 2022 20:52

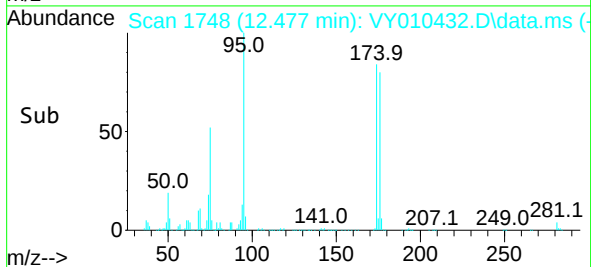
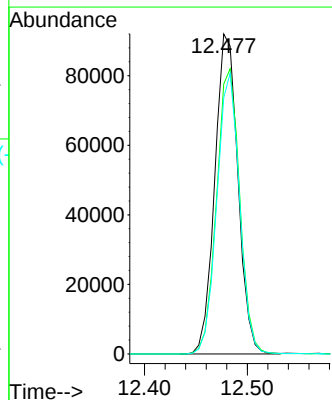
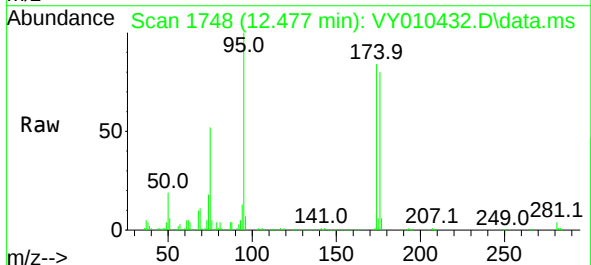
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-7.5-8.0

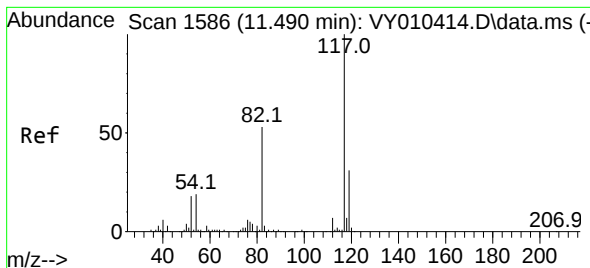
Tgt Ion: 98 Resp: 433011
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.808 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010432.D
Acq: 09 Sep 2022 20:52

Tgt Ion: 95 Resp: 143328
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 86.0 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: VY010432.D

Acq: 09 Sep 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-21-7.5-8.0

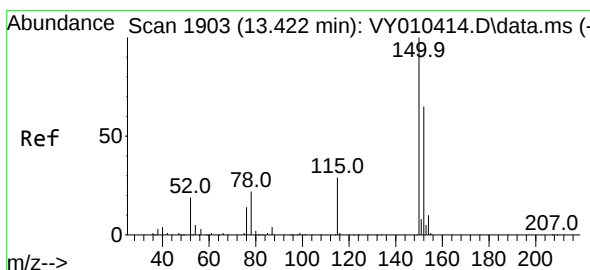
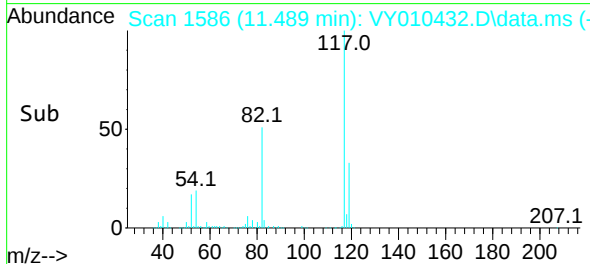
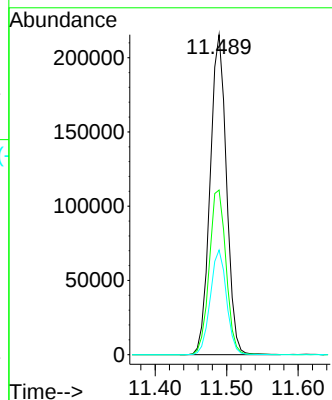
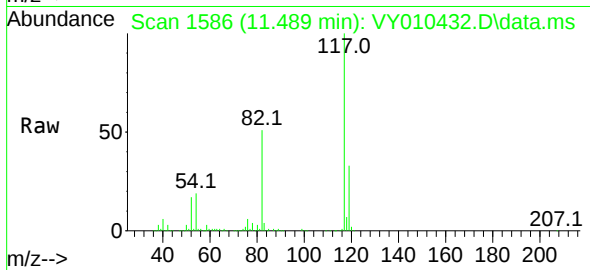
Tgt Ion:117 Resp: 342180

Ion Ratio Lower Upper

117 100

82 51.4 43.0 64.4

119 32.7 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: VY010432.D

Acq: 09 Sep 2022 20:52

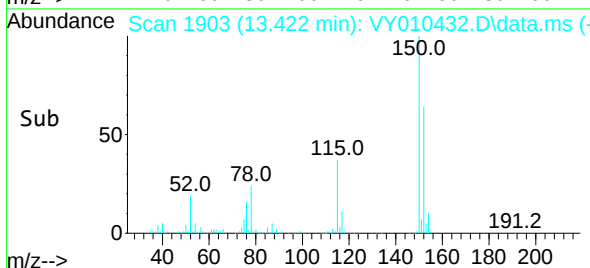
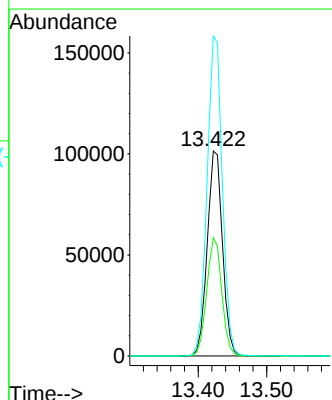
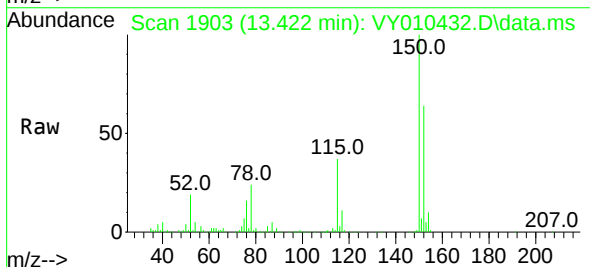
Tgt Ion:152 Resp: 156890

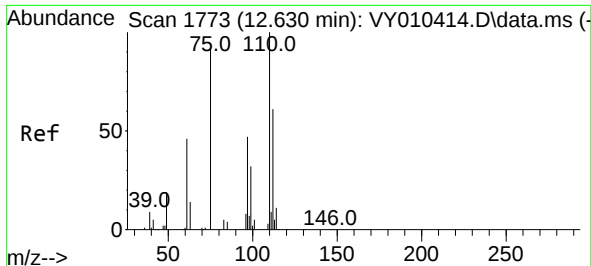
Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 156.0 0.0 347.6

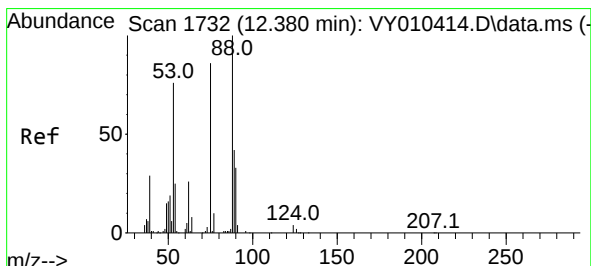
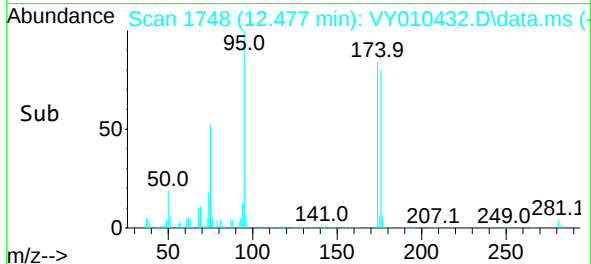
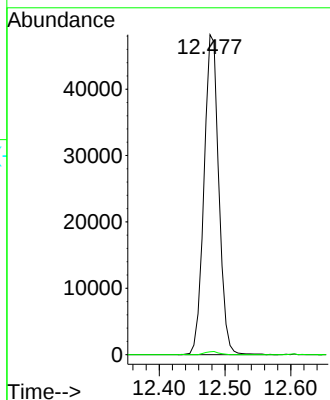
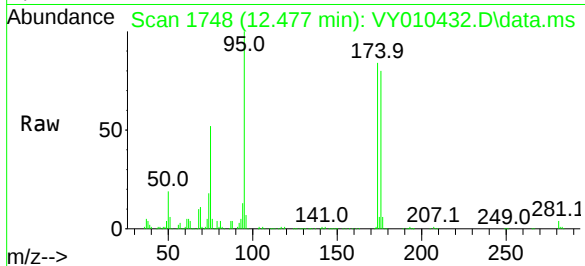




#76
1,2,3-Trichloropropane
Concen: 43.464 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010432.D
Acq: 09 Sep 2022 20:52

Instrument :
MSVOA_Y
ClientSampleId :
SB-21-7.5-8.0

Tgt Ion: 75 Resp: 75259
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.505 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010432.D
Acq: 09 Sep 2022 20:52

Tgt Ion: 75 Resp: 75259
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

