

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008961.D
 Acq On : 21 May 2022 19:44
 Operator : KP/MD
 Sample : N2888-09
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P042-SS001-2430-01

Quant Time: May 21 21:32:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

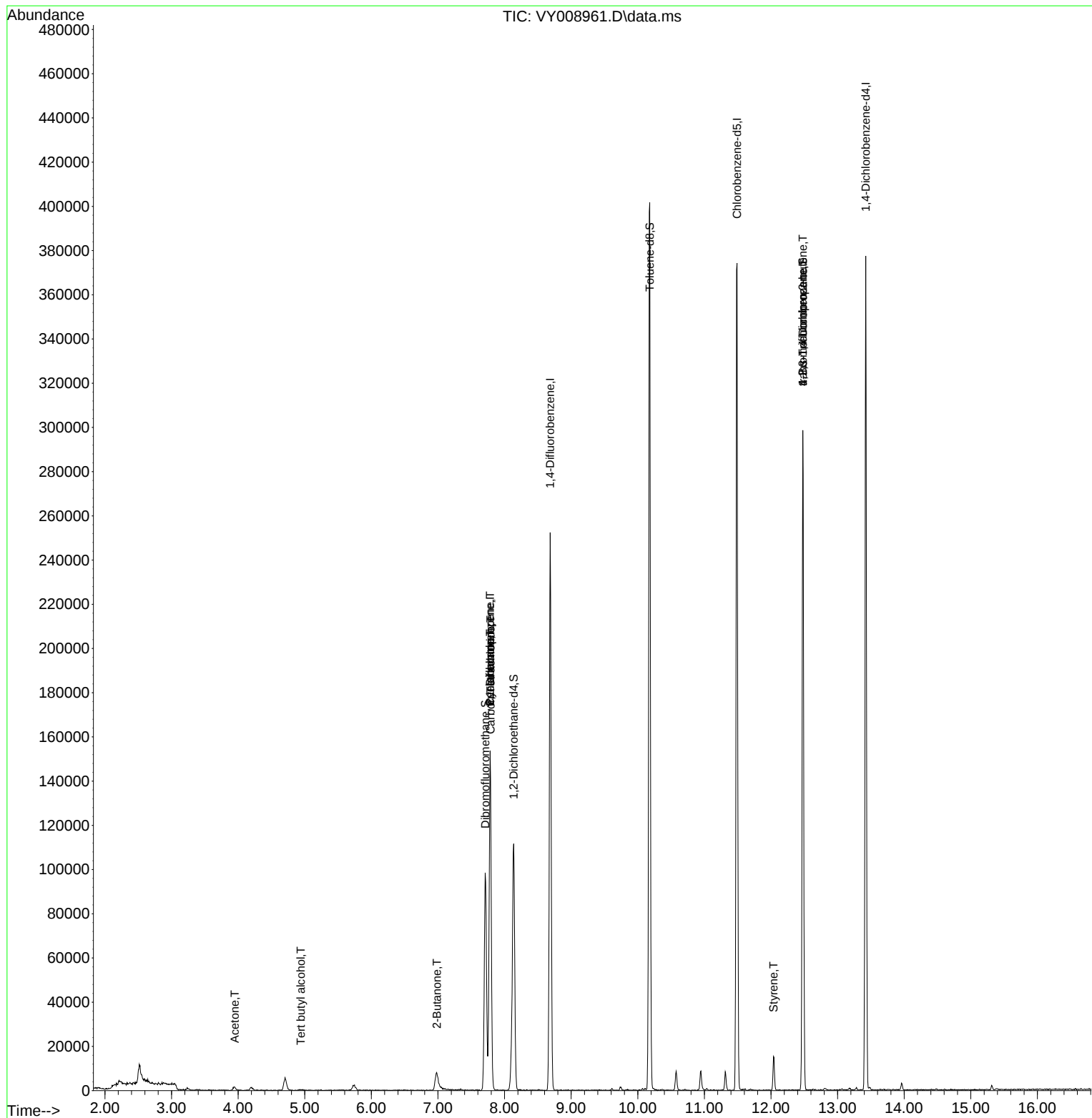
Internal Standards						
1) Pentafluorobenzene	7.783	168	112875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	206192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	195749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	77915	67.070	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.140%	
35) Dibromofluoromethane	7.710	113	66475	51.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.680%	
50) Toluene-d8	10.179	98	258591	54.668	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.340%	
62) 4-Bromofluorobenzene	12.477	95	75985	39.822	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	337	2.860	ug/l #	77
16) Acetone	3.948	43	2663	11.013	ug/l	99
20) Methylene Chloride	4.704	84	3880	Below Cal	#	76
25) 2-Butanone	6.984	43	801	1.855	ug/l #	54
31) Cyclohexane	7.783	56	3110	1.368	ug/l #	35
36) 1,1-Dichloropropene	7.783	75	9424	4.319	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11511	5.043	ug/l #	15
70) Styrene	12.038	104	7137	1.360	ug/l #	87
76) 1,2,3-Trichloropropane	12.477	75	43815	46.752	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	43815	95.959	ug/l #	7

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

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P042-SS001-2430-01

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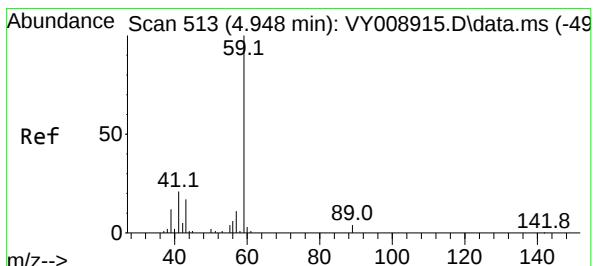
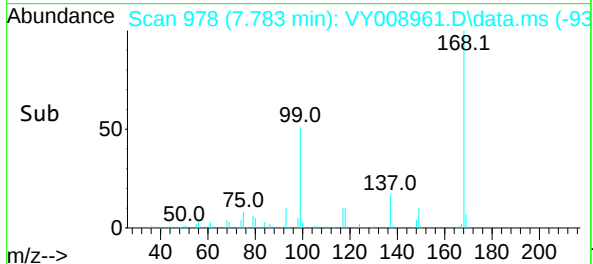
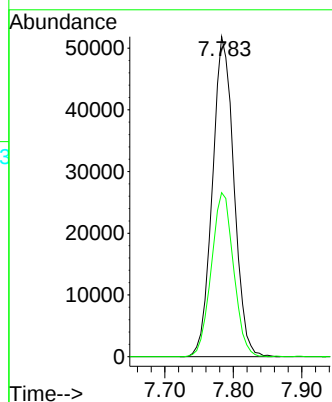
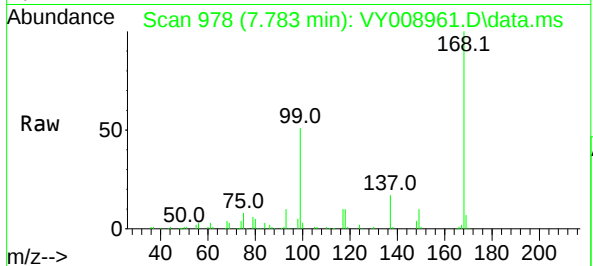




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

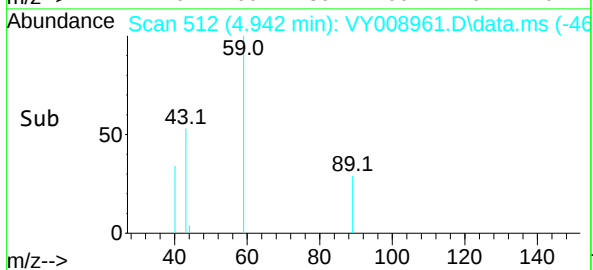
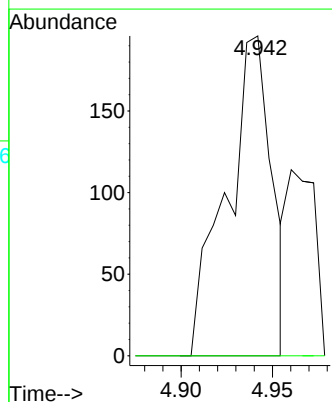
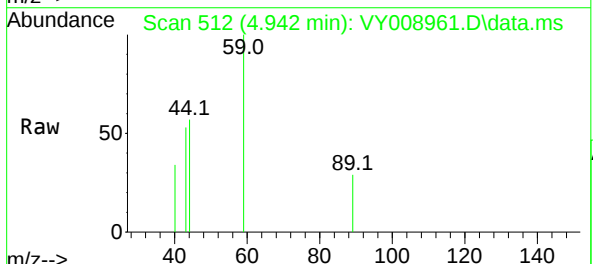
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-2430-01

Tgt Ion:168 Resp: 112875
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.860 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

Tgt Ion: 59 Resp: 337
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

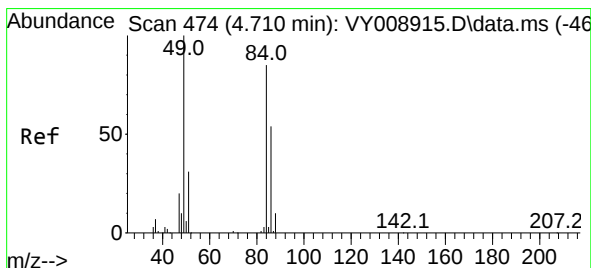
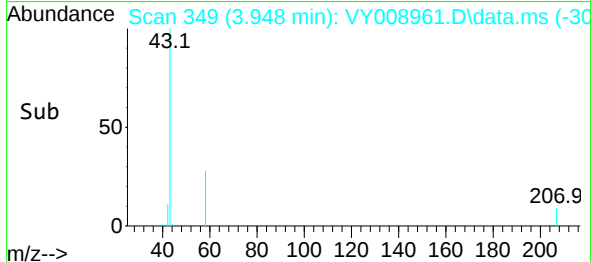
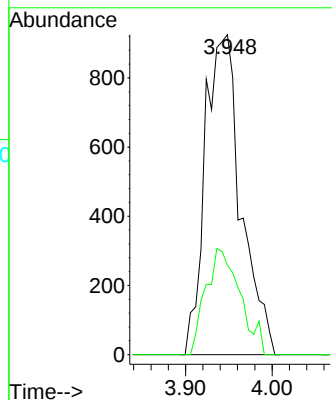
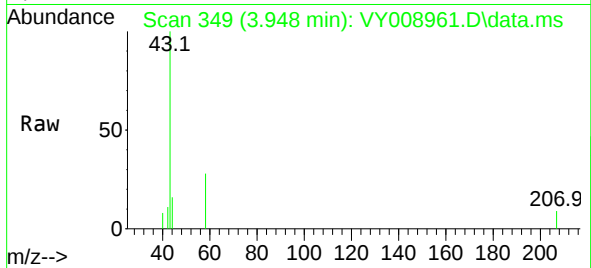




#16
Acetone
Concen: 11.013 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

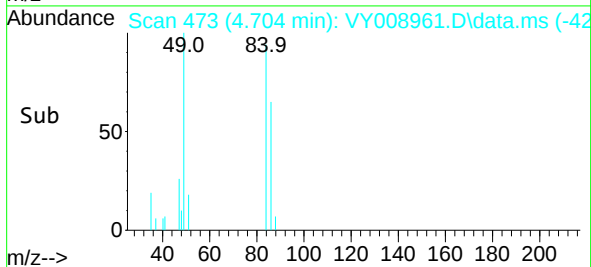
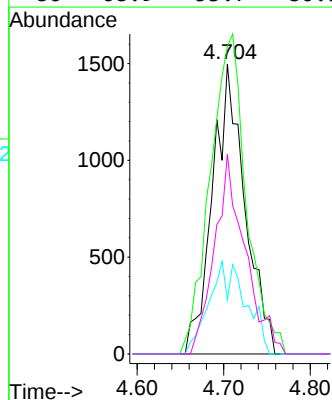
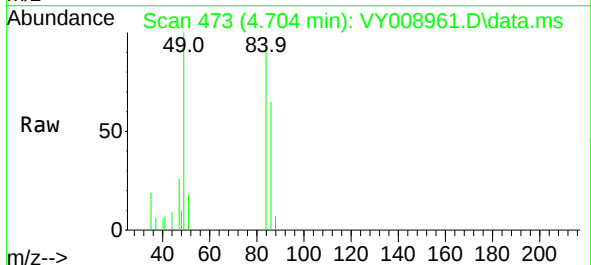
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-2430-01

Tgt Ion: 43 Resp: 2663
Ion Ratio Lower Upper
43 100
58 28.0 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

Tgt Ion: 84 Resp: 3880
Ion Ratio Lower Upper
84 100
49 106.0 114.4 171.6#
51 18.7 35.3 52.9#
86 68.9 53.7 80.5

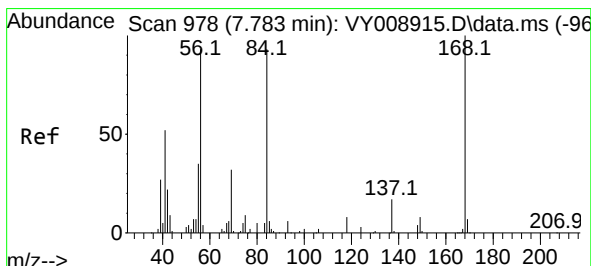
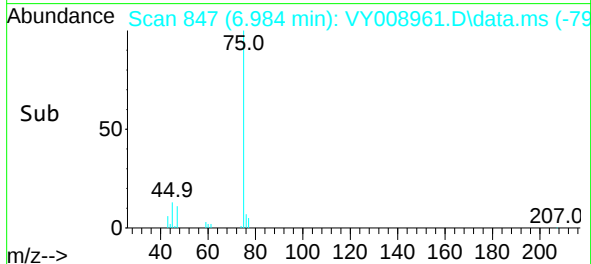
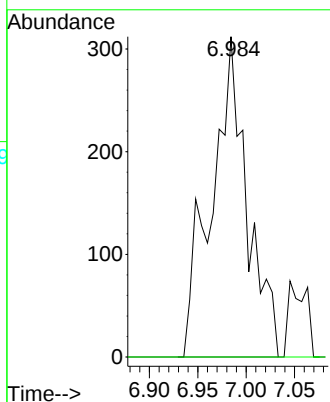
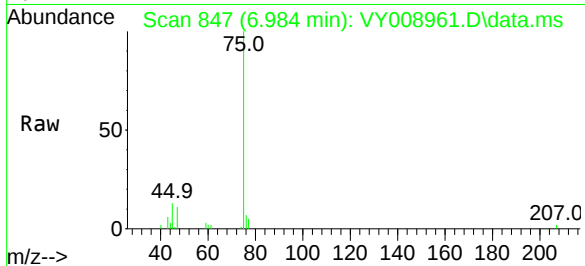




#25
2-Butanone
Concen: 1.855 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

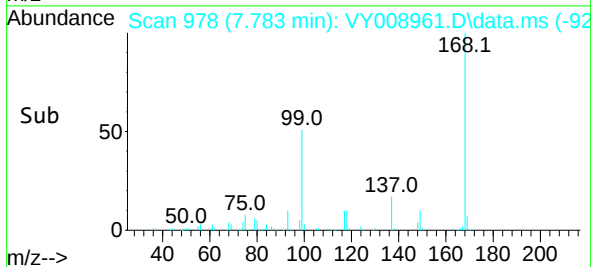
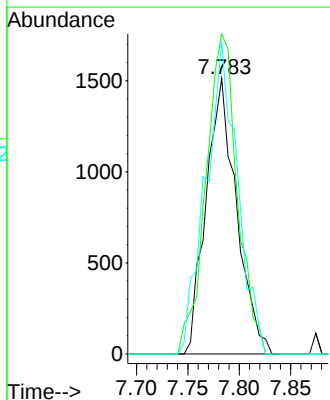
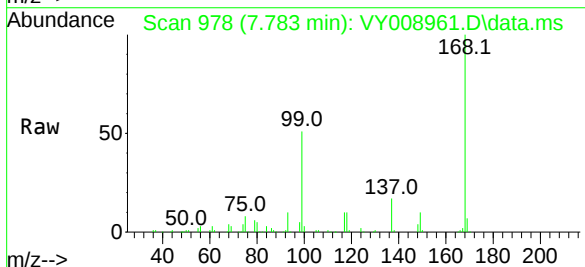
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-2430-01

Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.368 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

Tgt Ion: 56 Resp: 3110
Ion Ratio Lower Upper
56 100
69 116.2 26.7 40.1#
84 113.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 67.070 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008961.D

Acq: 21 May 2022 19:44

Instrument :

MSVOA_Y

ClientSampleId :

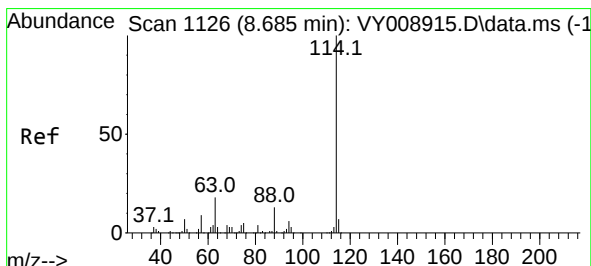
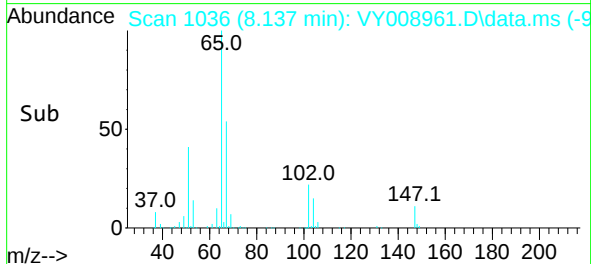
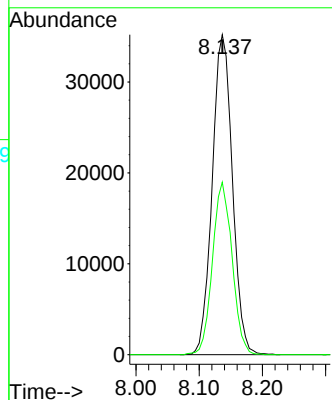
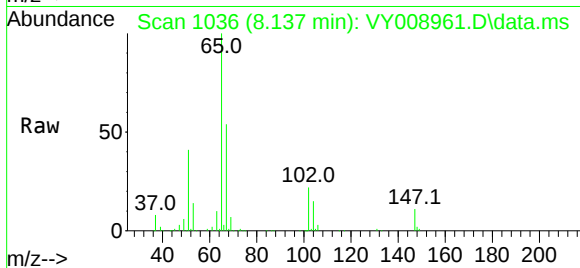
P042-SS001-2430-01

Tgt Ion: 65 Resp: 77915

Ion Ratio Lower Upper

65 100

67 52.4 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: VY008961.D

Acq: 21 May 2022 19:44

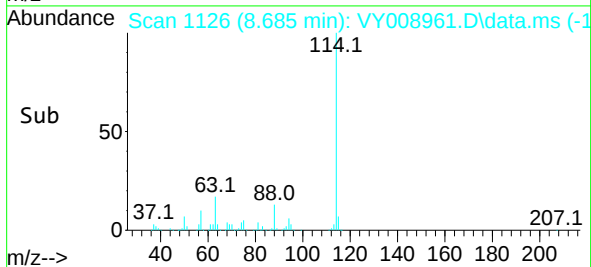
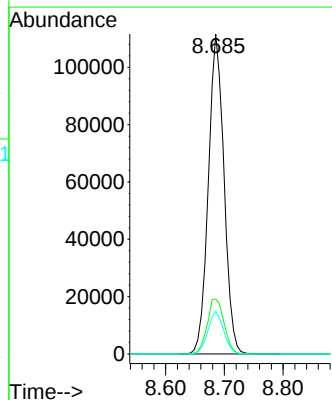
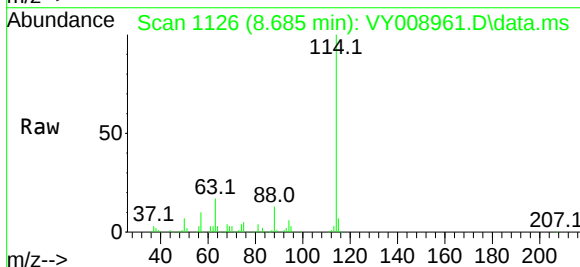
Tgt Ion: 114 Resp: 206192

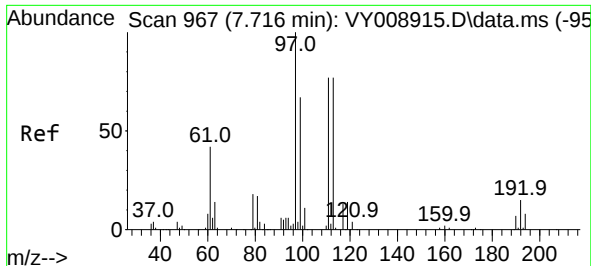
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 13.3 0.0 31.8

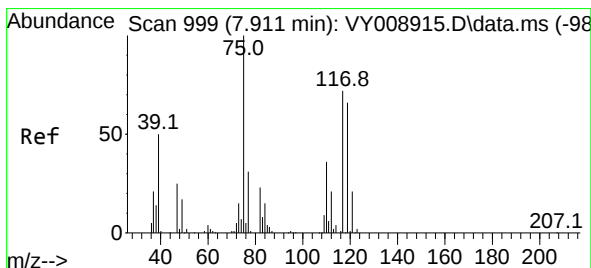
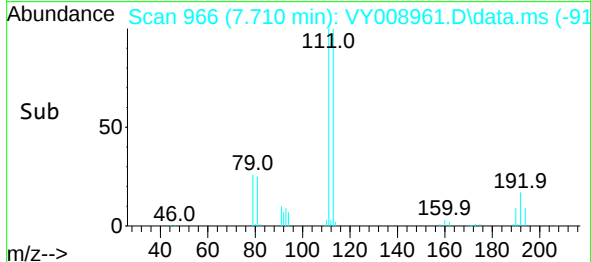
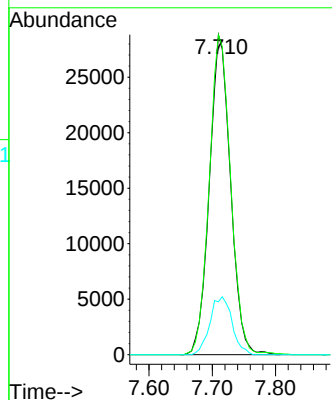
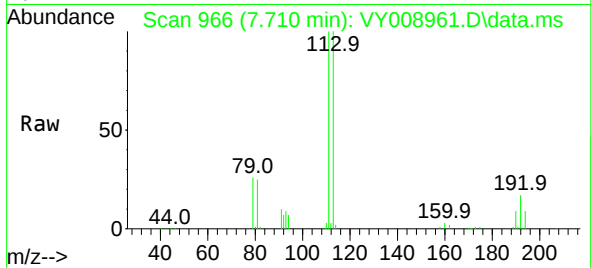




#35
Dibromofluoromethane
Concen: 51.845 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

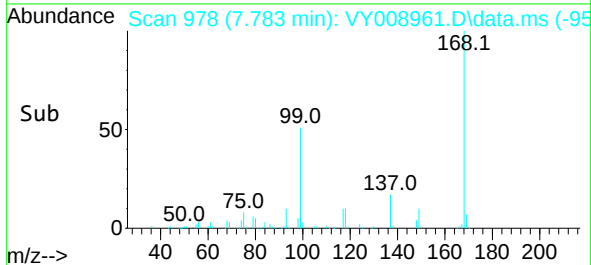
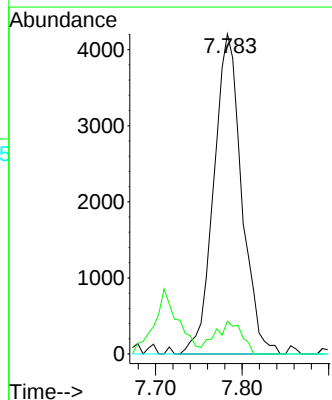
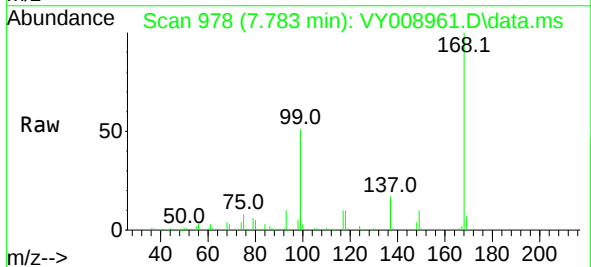
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-2430-01

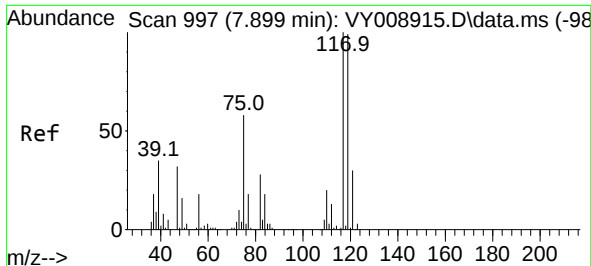
Tgt Ion:113 Resp: 66475
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.319 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

Tgt Ion: 75 Resp: 9424
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

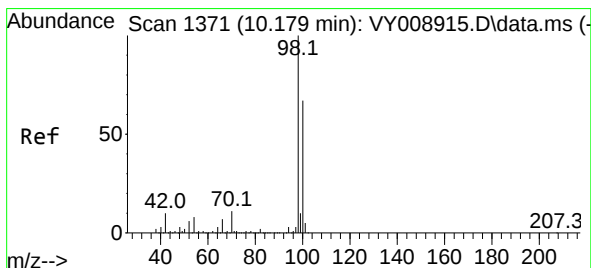
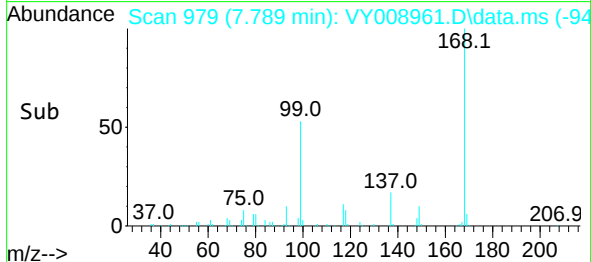
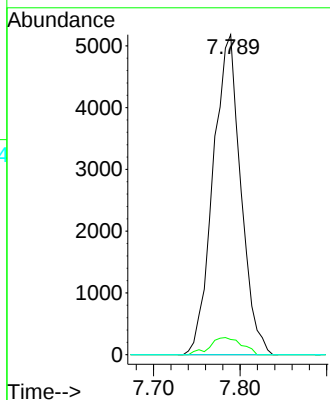
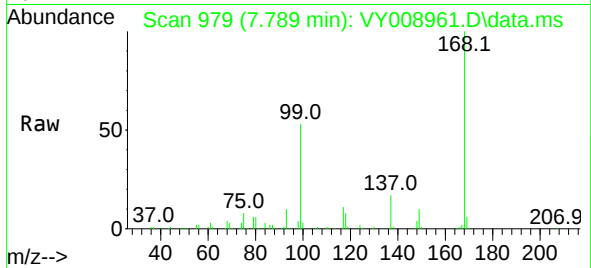




#38
Carbon Tetrachloride
Concen: 5.043 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

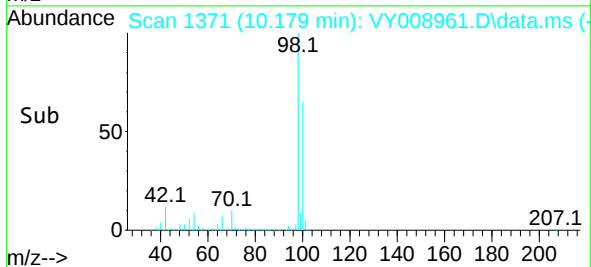
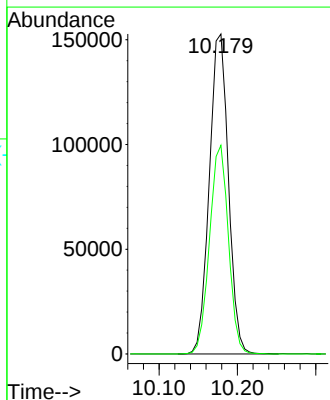
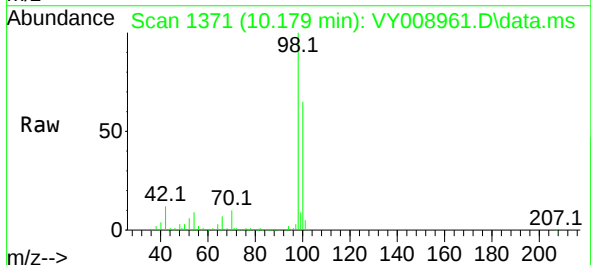
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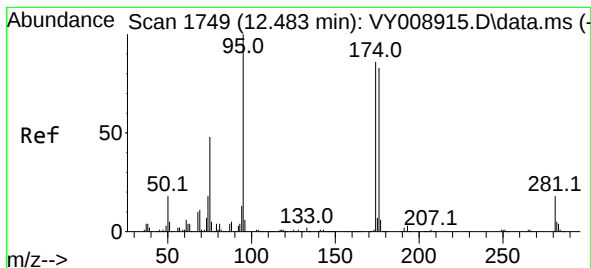
Tgt Ion:117 Resp: 11511
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.668 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

Tgt Ion: 98 Resp: 258591
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

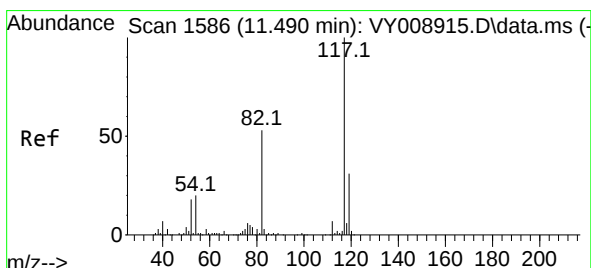
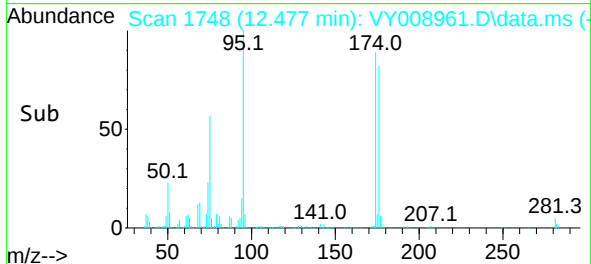
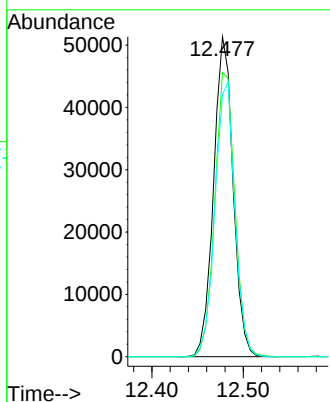
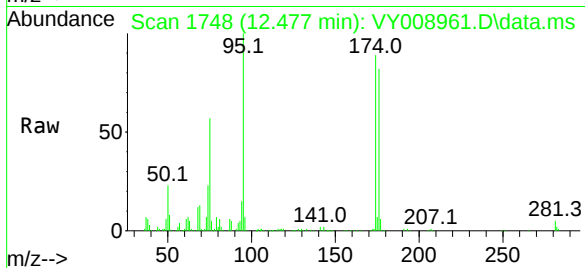




#62
4-Bromofluorobenzene
Concen: 39.822 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

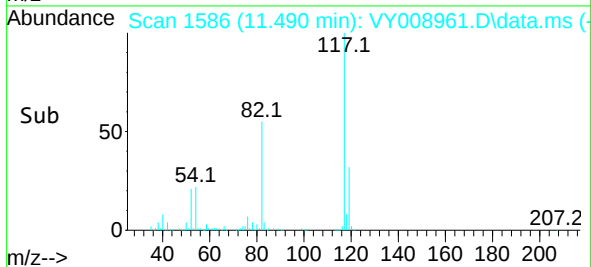
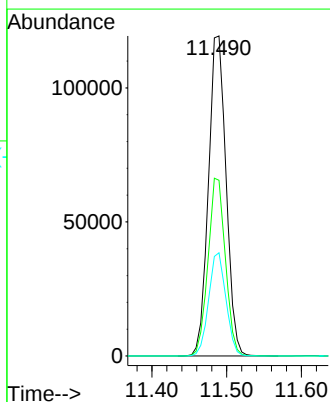
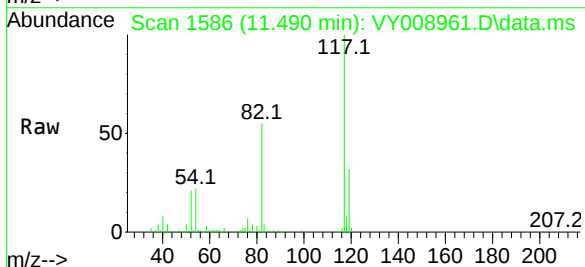
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-2430-01

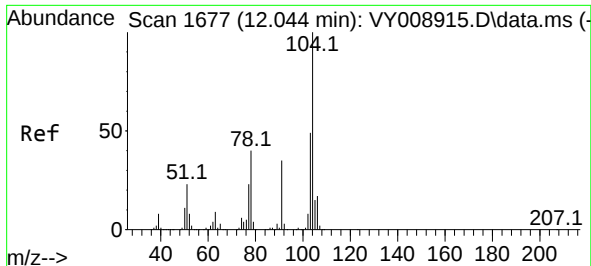
Tgt Ion: 95 Resp: 75985
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 87.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

Tgt Ion: 117 Resp: 195749
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 32.3 25.4 38.0

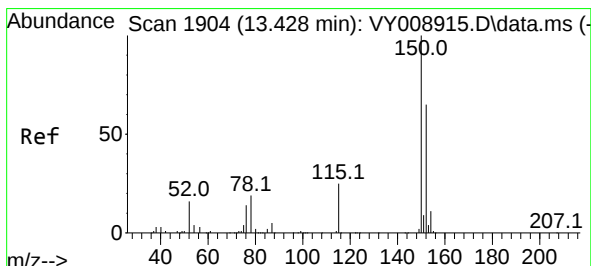
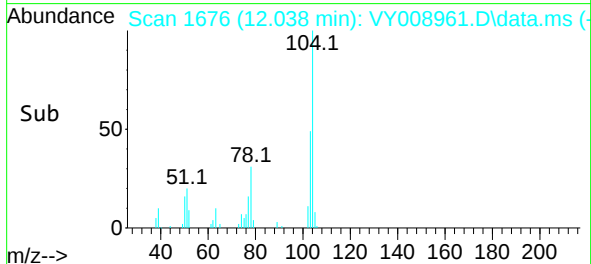
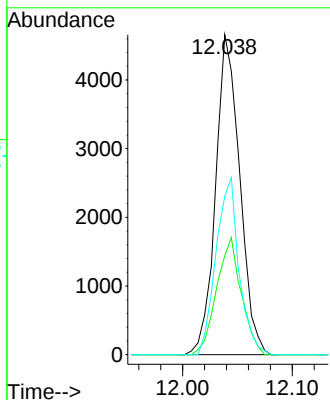
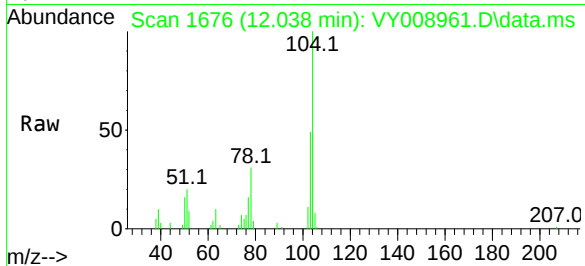




#70
Styrene
Concen: 1.360 ug/l
RT: 12.038 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

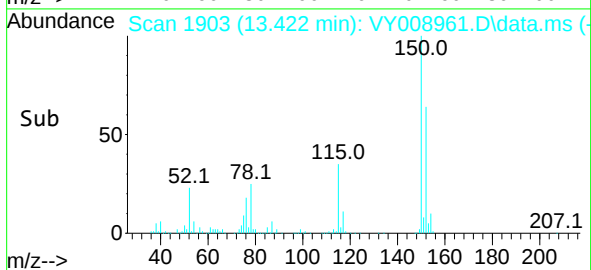
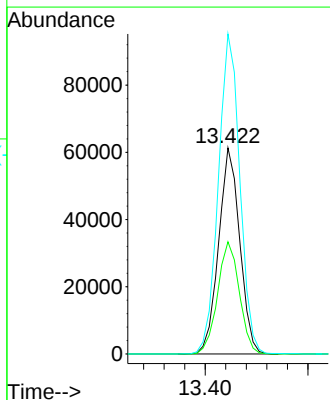
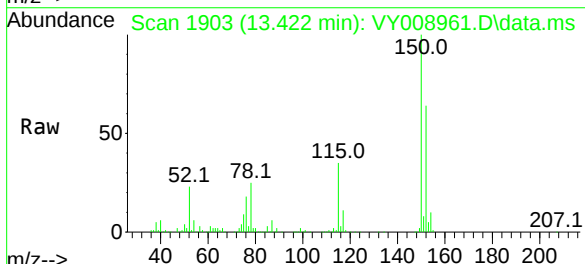
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-2430-01

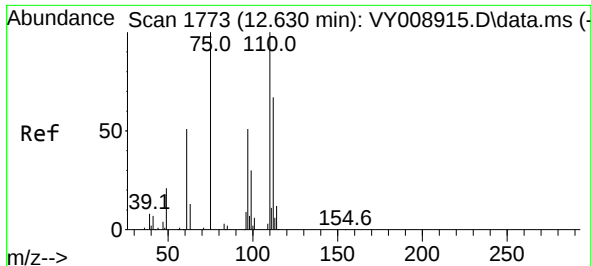
Tgt Ion:104 Resp: 7137
Ion Ratio Lower Upper
104 100
78 37.4 42.4 63.6#
103 52.6 44.4 66.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

Tgt Ion:152 Resp: 87270
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 158.1 0.0 347.6

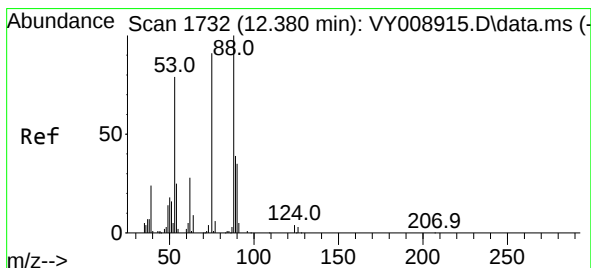
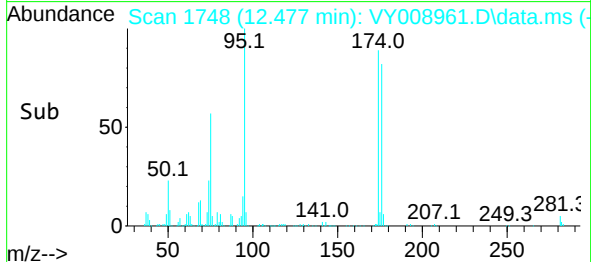
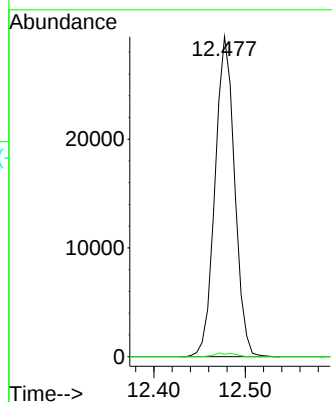
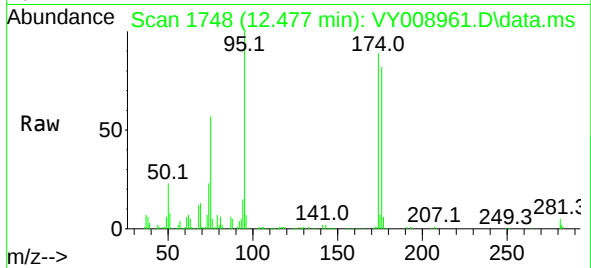




#76
1,2,3-Trichloropropane
Concen: 46.752 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-2430-01

Tgt Ion: 75 Resp: 43815
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.959 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

Tgt Ion: 75 Resp: 43815
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

