

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008967.D
 Acq On : 21 May 2022 23:33
 Operator : KP/MD
 Sample : VY0521SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBL02

Quant Time: May 22 02:46:18 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)

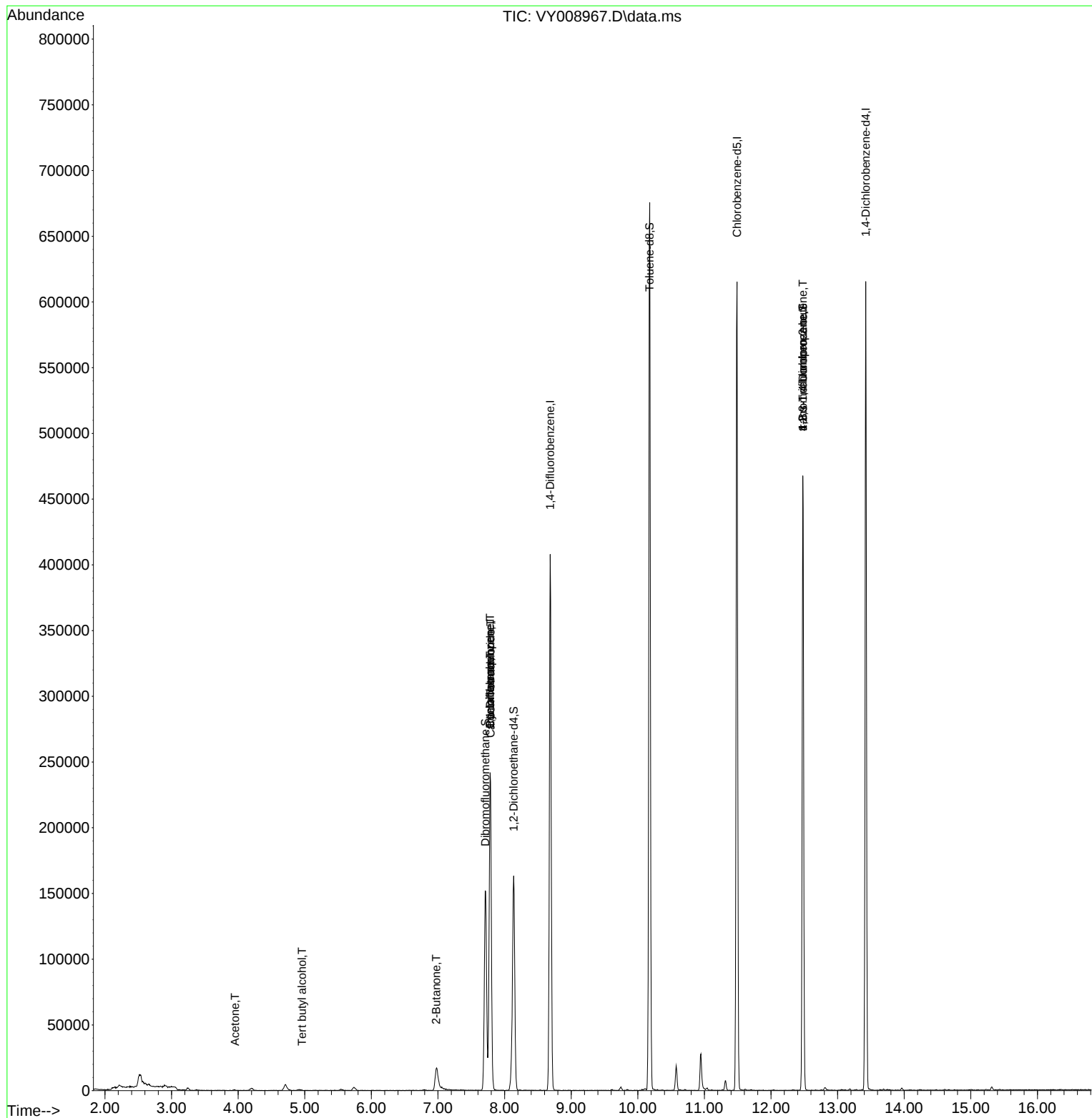
Internal Standards						
1) Pentafluorobenzene	7.783	168	185267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	320082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114132	59.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.720%	
35) Dibromofluoromethane	7.710	113	105682	50.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.020%	
50) Toluene-d8	10.179	98	429450	55.641	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.280%	
62) 4-Bromofluorobenzene	12.477	95	122240	39.262	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	212	1.096	ug/l #	77
16) Acetone	3.954	43	791	1.993	ug/l #	85
20) Methylene Chloride	4.710	84	3017	Below Cal	#	70
25) 2-Butanone	6.972	43	1363	1.923	ug/l #	54
31) Cyclohexane	7.783	56	4365	1.170	ug/l #	6
36) 1,1-Dichloropropene	7.783	75	16254	4.565	ug/l #	50
38) Carbon Tetrachloride	7.789	117	18459	4.956	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	71839	47.369	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	71839	97.225	ug/l #	7

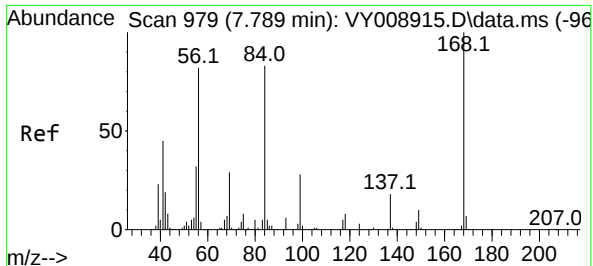
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: May 22 02:46:18 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

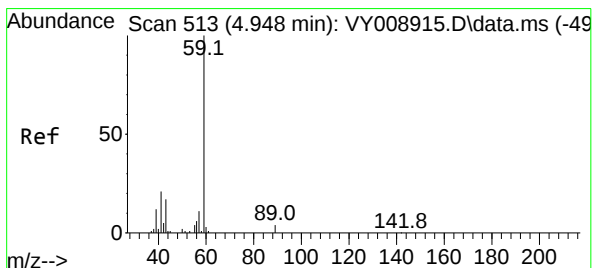
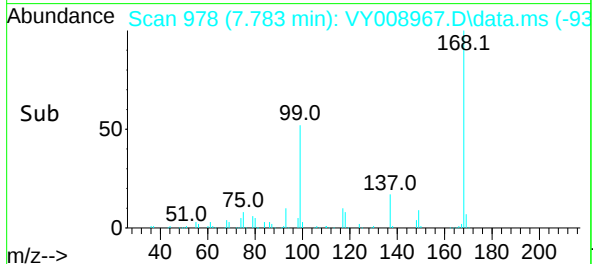
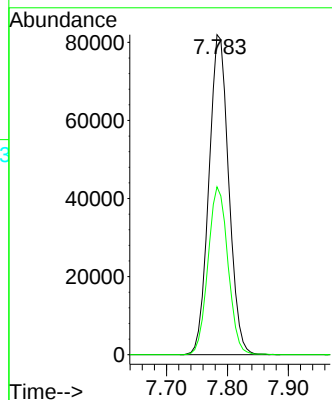
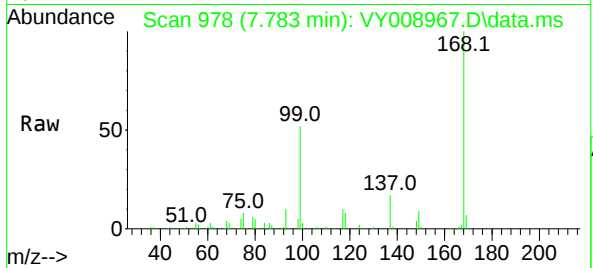




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

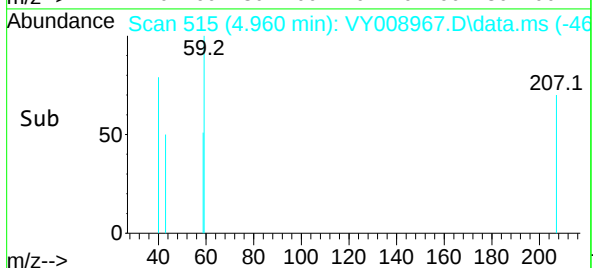
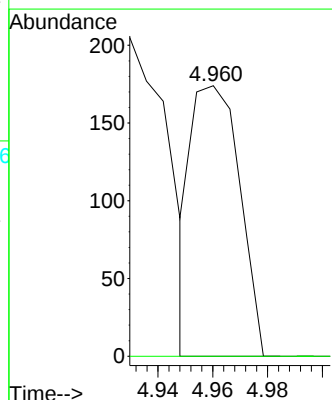
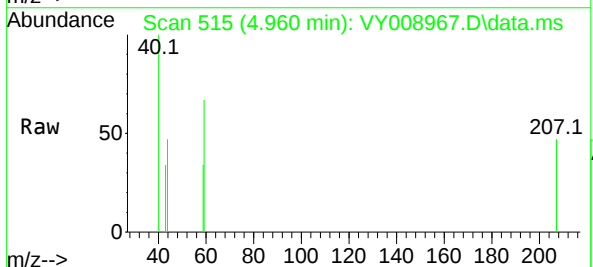
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBL02

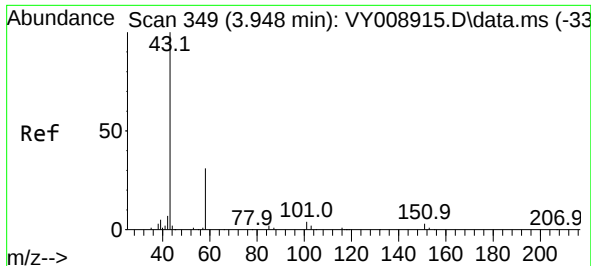
Tgt Ion:168 Resp: 185267
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.096 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

Tgt Ion: 59 Resp: 212
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

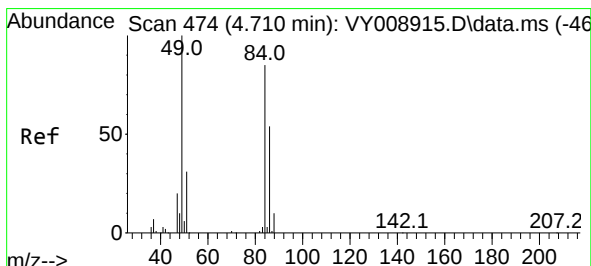
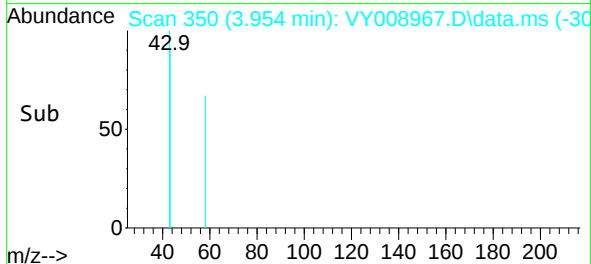
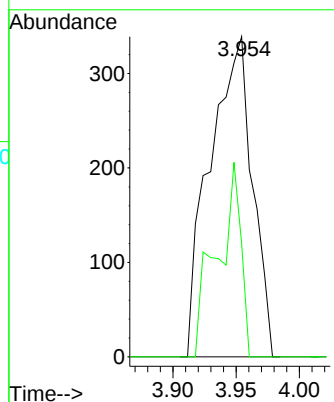
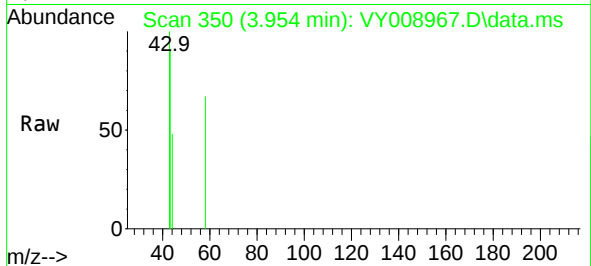




#16
Acetone
Concen: 1.993 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

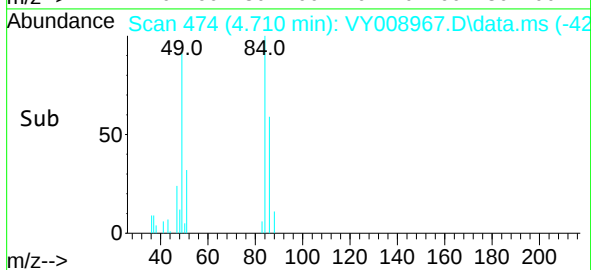
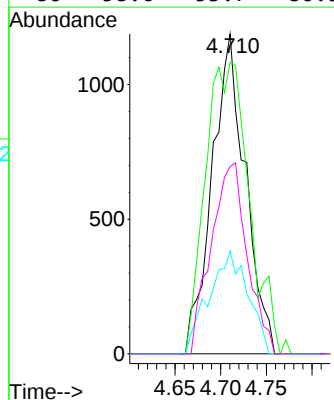
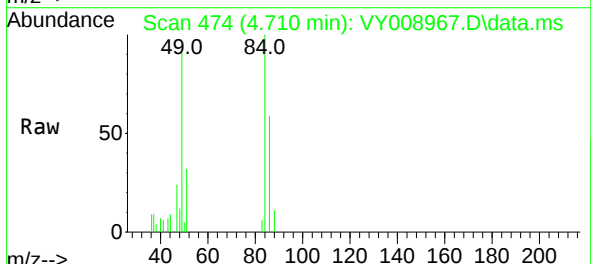
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBL02

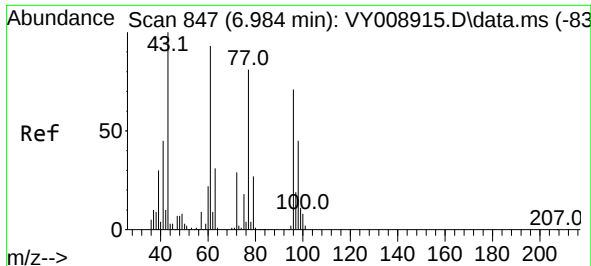
Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
58 35.4 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

Tgt Ion: 84 Resp: 3017
Ion Ratio Lower Upper
84 100
49 91.2 114.4 171.6#
51 32.1 35.3 52.9#
86 58.6 53.7 80.5

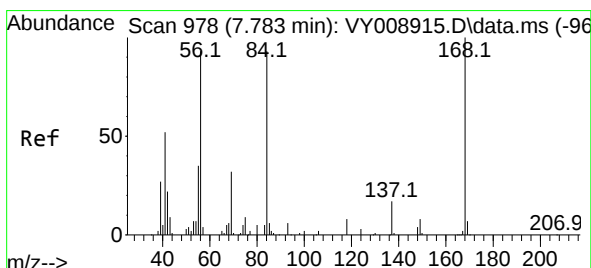
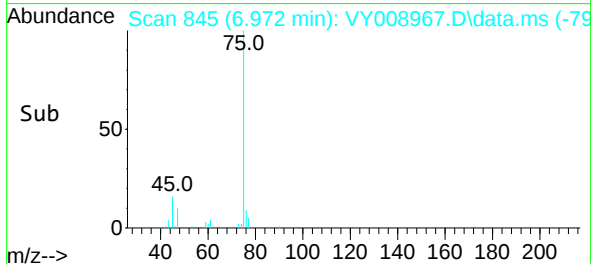
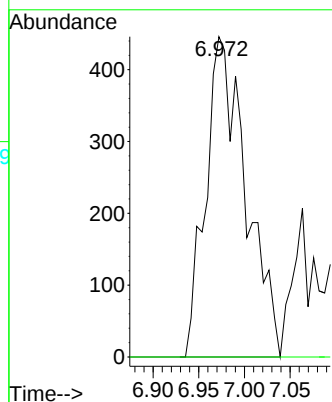
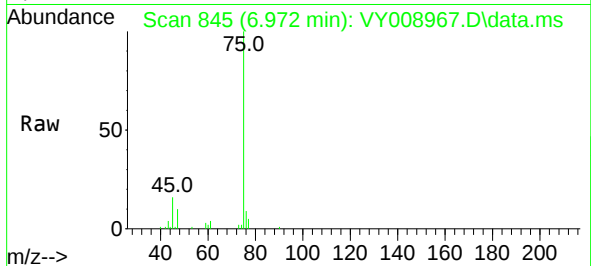




#25
2-Butanone
Concen: 1.923 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

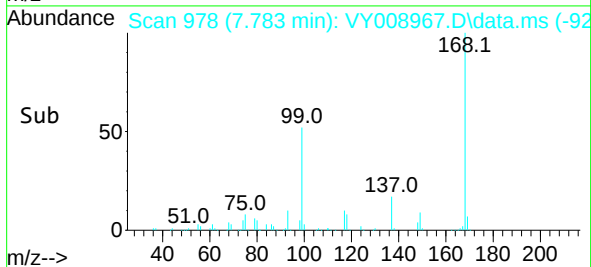
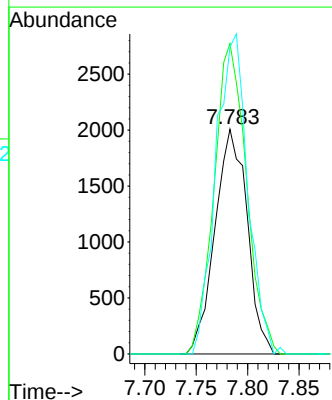
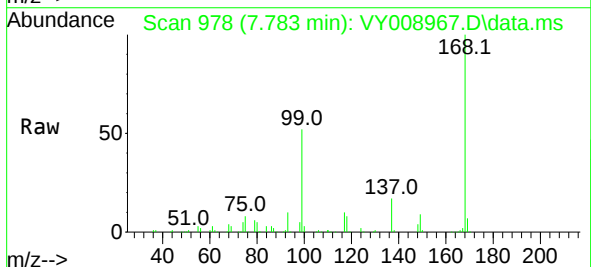
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBL02

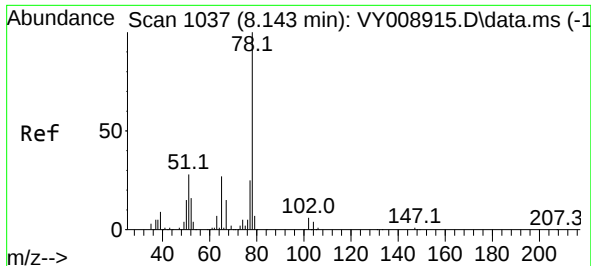
Tgt Ion: 43 Resp: 1363
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.170 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

Tgt Ion: 56 Resp: 4365
Ion Ratio Lower Upper
56 100
69 138.2 26.7 40.1#
84 136.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 59.857 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY008967.D

Acq: 21 May 2022 23:33

Instrument :

MSVOA_Y

ClientSampleId :

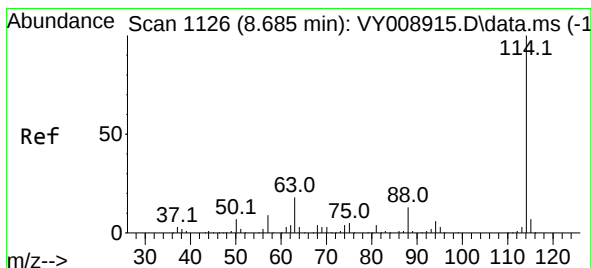
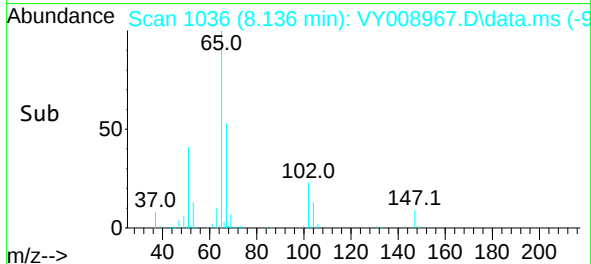
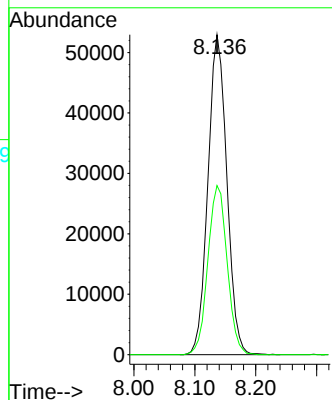
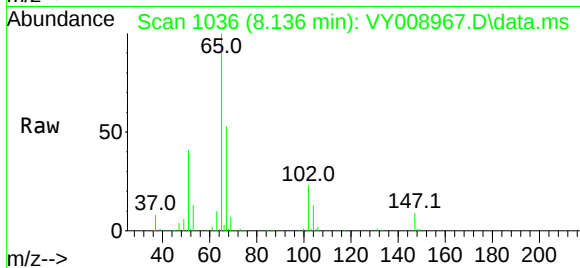
VY0521SBL02

Tgt Ion: 65 Resp: 114132

Ion Ratio Lower Upper

65 100

67 54.0 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: VY008967.D

Acq: 21 May 2022 23:33

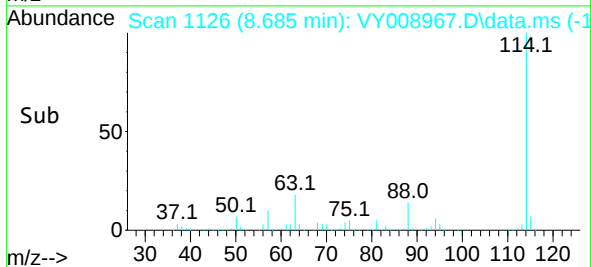
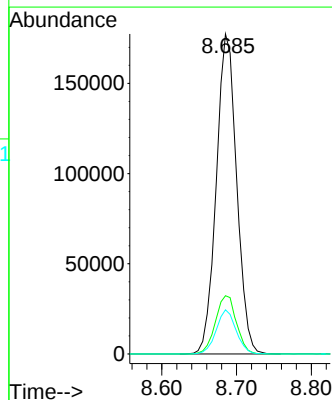
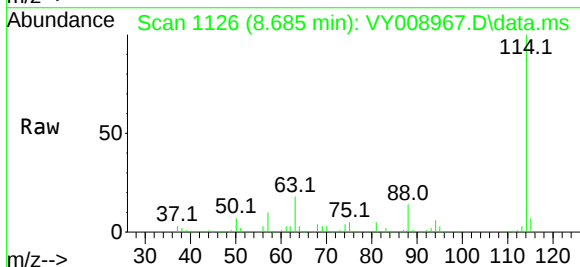
Tgt Ion: 114 Resp: 336446

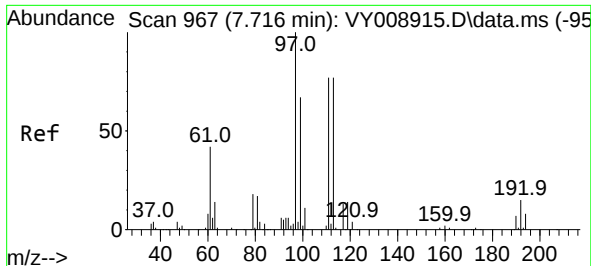
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 13.8 0.0 31.8

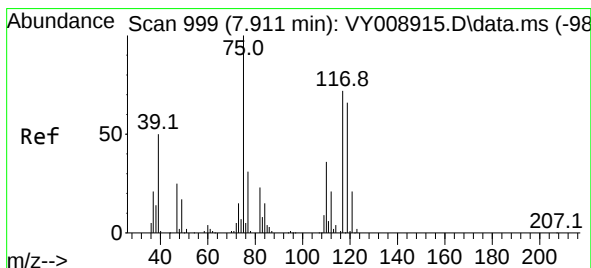
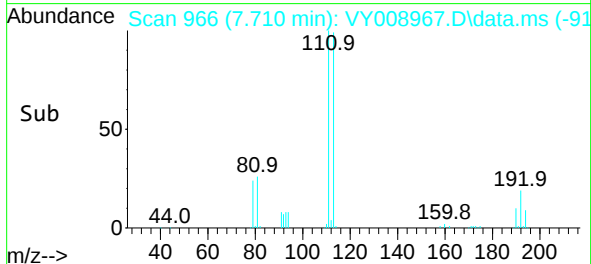
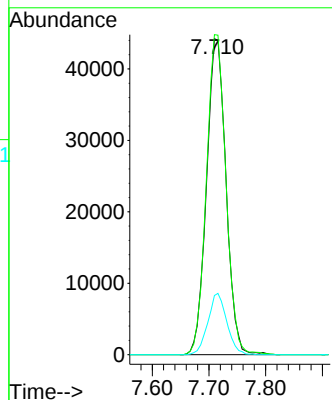
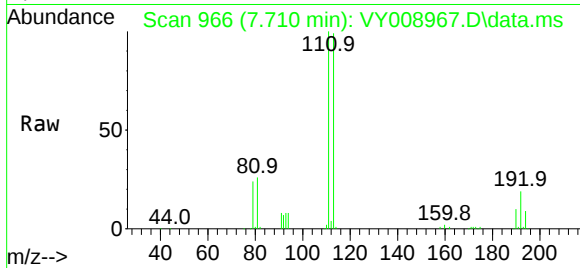




#35
Dibromofluoromethane
Concen: 50.513 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

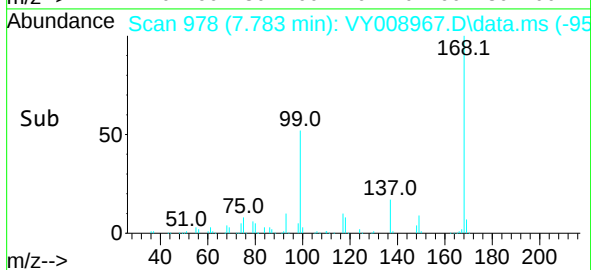
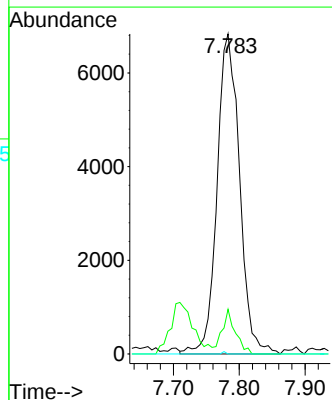
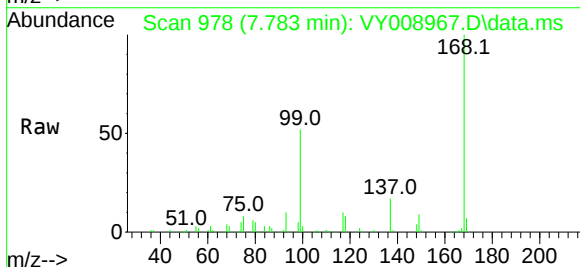
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBL02

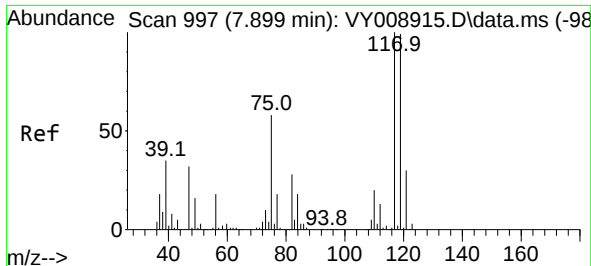
Tgt Ion:113 Resp: 105682
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.565 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

Tgt Ion: 75 Resp: 16254
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.2#
77 0.1 24.4 36.6#

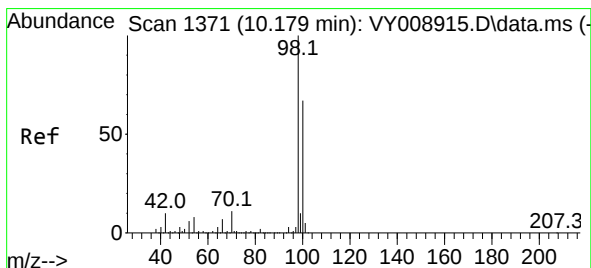
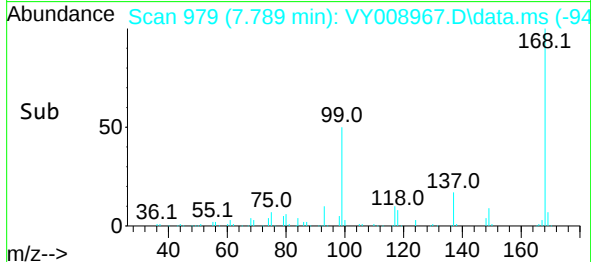
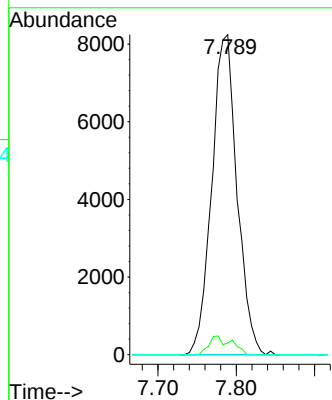
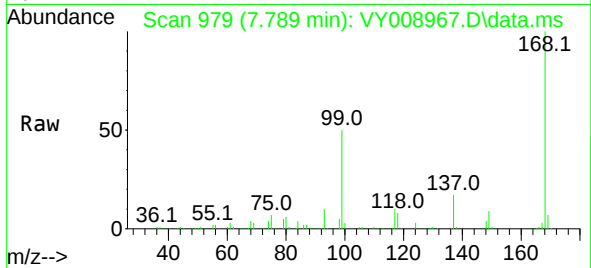




#38
Carbon Tetrachloride
Concen: 4.956 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

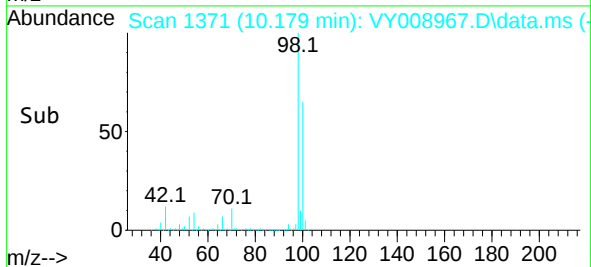
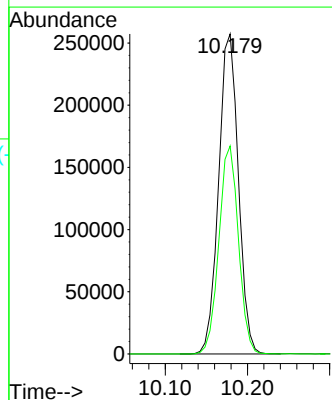
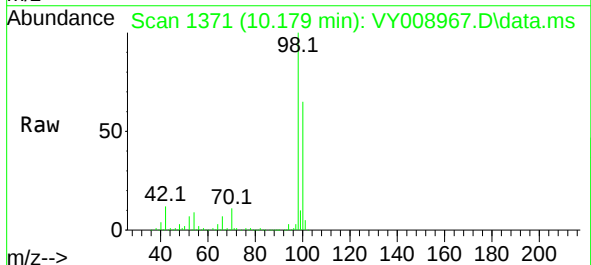
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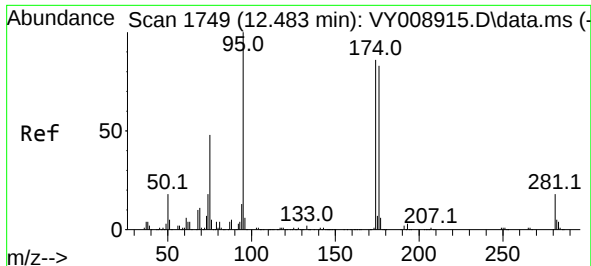
Tgt Ion:117 Resp: 18459
Ion Ratio Lower Upper
117 100
119 3.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.641 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

Tgt Ion: 98 Resp: 429450
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

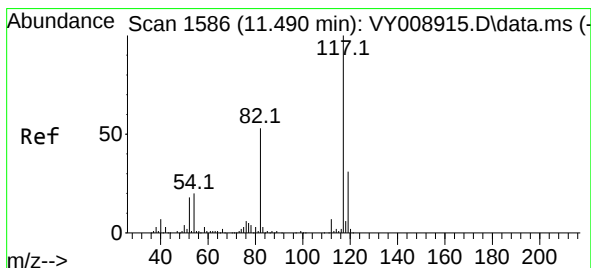
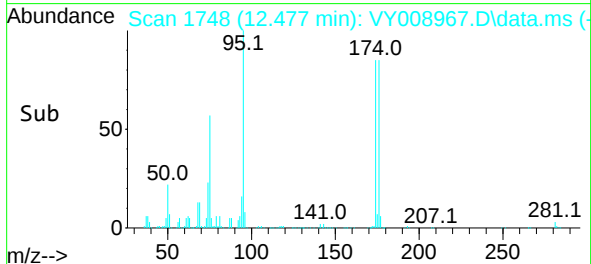
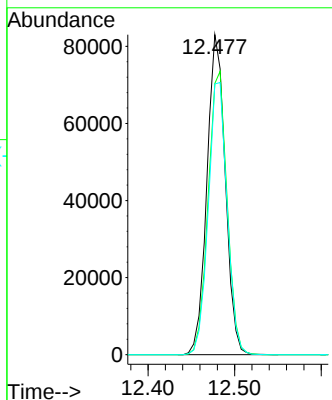
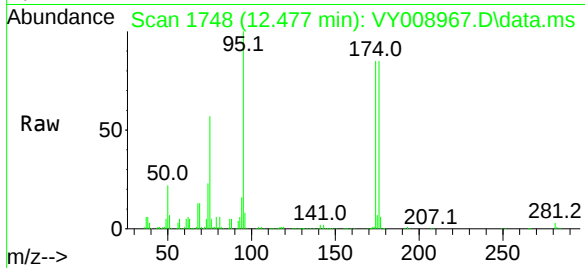




#62
4-Bromofluorobenzene
Concen: 39.262 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

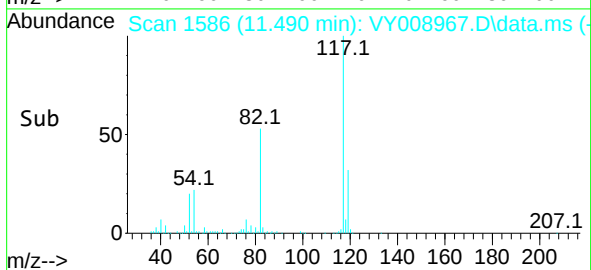
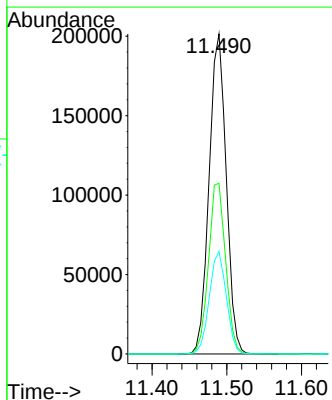
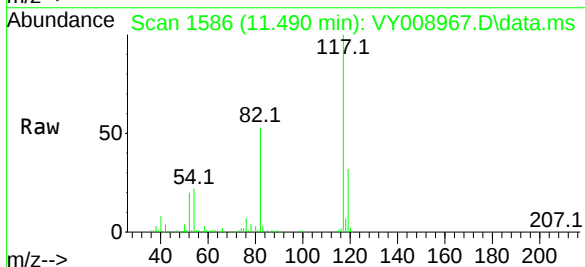
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBL02

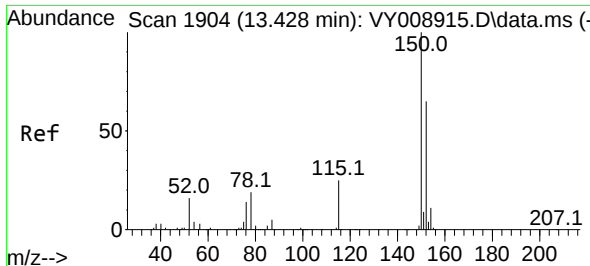
Tgt Ion: 95 Resp: 122240
Ion Ratio Lower Upper
95 100
174 91.2 0.0 177.0
176 87.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008967.D
Acq: 21 May 2022 23:33

Tgt Ion: 117 Resp: 320082
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.0 25.4 38.0

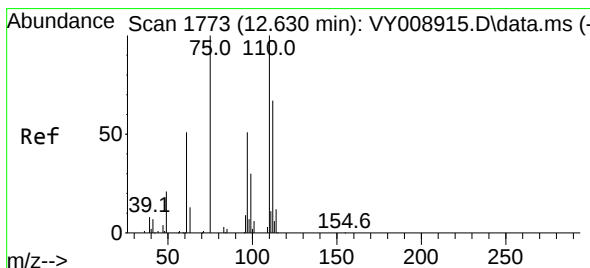
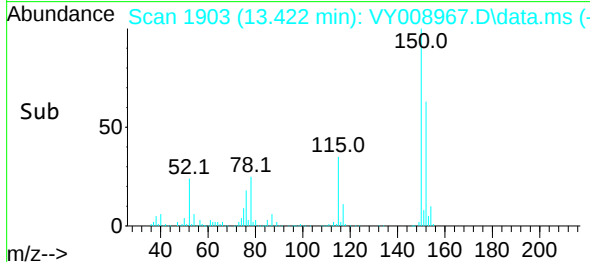
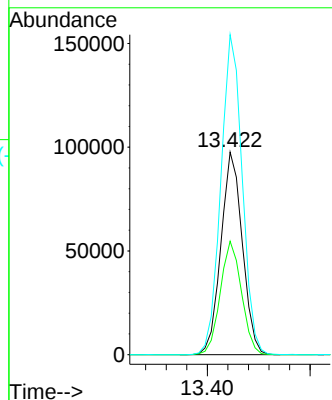
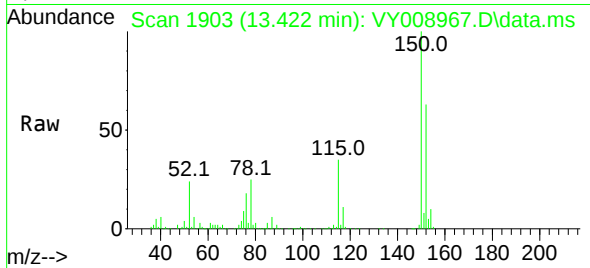




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: VY008967.D
 Acq: 21 May 2022 23:33

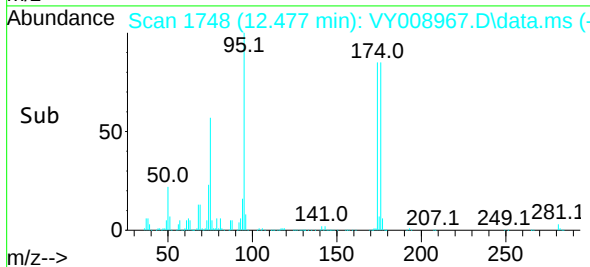
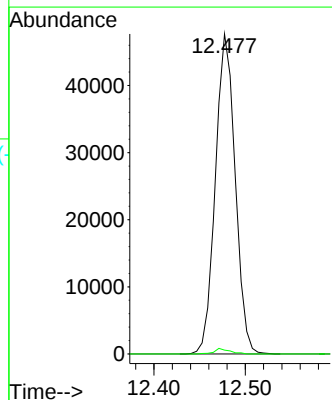
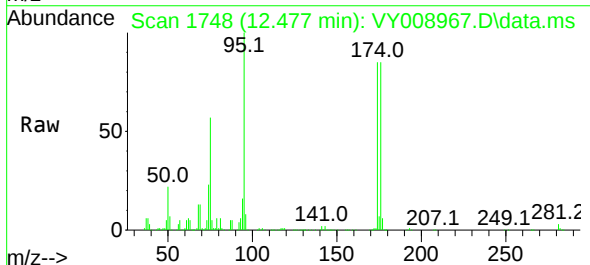
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBL02

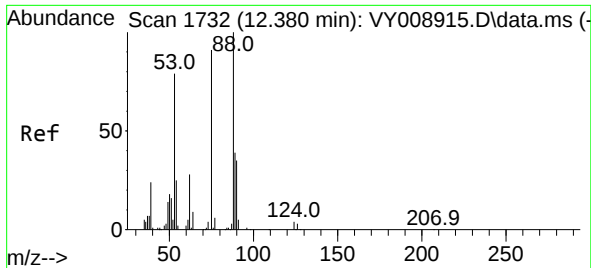
Tgt Ion:152 Resp: 141224
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.2 84.7
 150 157.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.369 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY008967.D
 Acq: 21 May 2022 23:33

Tgt Ion: 75 Resp: 71839
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.225 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY008967.D
 Acq: 21 May 2022 23:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBL02

Tgt Ion: 75 Resp: 71839
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

