

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
 Data File : VY008237.D
 Acq On : 06 Apr 2022 16:08
 Operator : SY/MD
 Sample : N2282-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LA-1

Quant Time: Apr 07 02:12:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

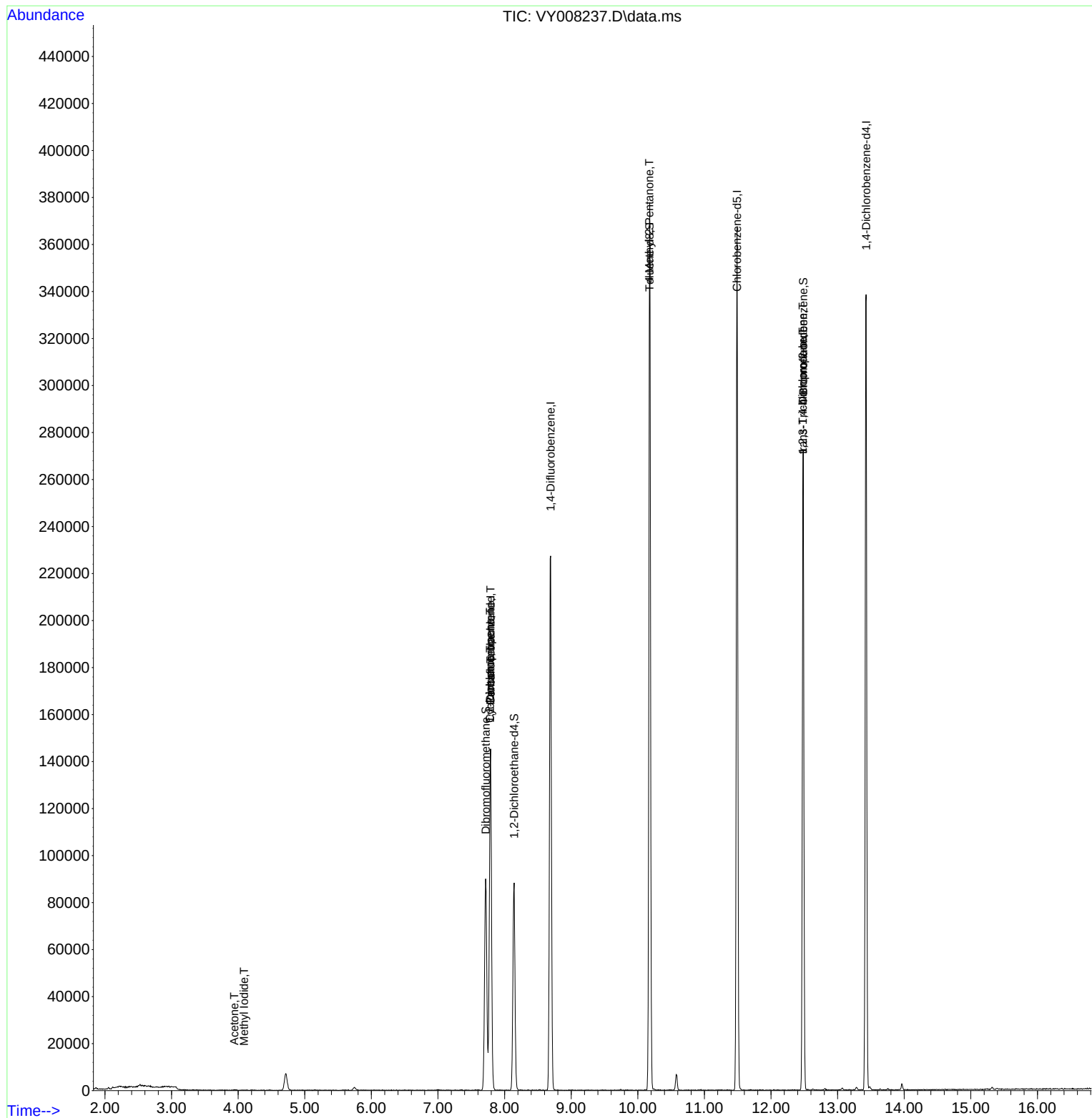
Internal Standards						
1) Pentafluorobenzene	7.789	168	112850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	66054	58.340	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.680%			
35) Dibromofluoromethane	7.716	113	64948	50.454	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.900%			
50) Toluene-d8	10.179	98	252067	51.974	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.940%			
62) 4-Bromofluorobenzene	12.483	95	83504	48.803	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.600%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	20	1.710	ug/l #	35
16) Acetone	3.942	43	458	1.770	ug/l #	47
18) Methyl Acetate	4.472	43	51	Below Cal	#	56
20) Methylene Chloride	4.716	84	5549	Below Cal	#	77
31) Cyclohexane	7.783	56	2244	1.060	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	9045	4.473	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11414	5.180	ug/l #	15
51) 4-Methyl-2-Pentanone	10.173	43	947	1.013	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	43296	39.799	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	43296	88.797	ug/l #	7

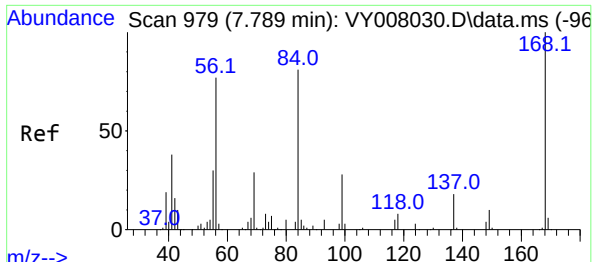
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
Data File : VY008237.D
Acq On : 06 Apr 2022 16:08
Operator : SY/MD
Sample : N2282-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LA-1

Quant Time: Apr 07 02:12:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

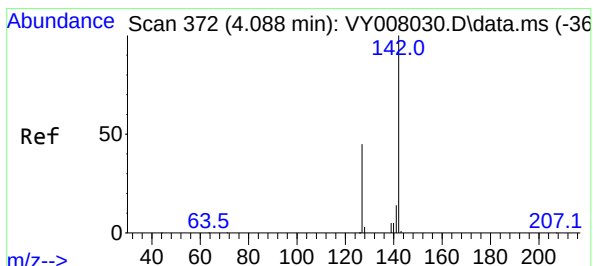
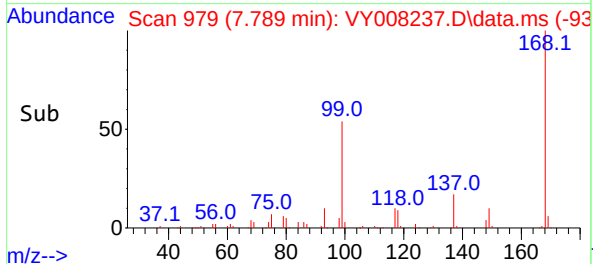
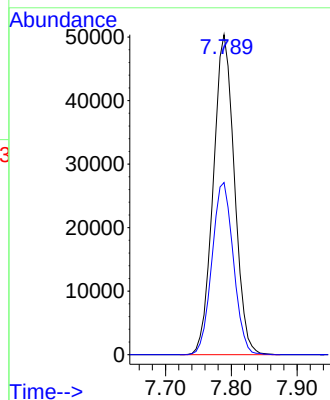
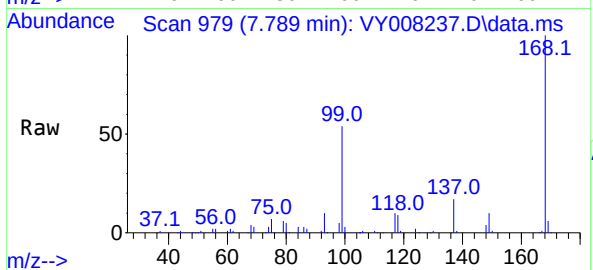




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008237.D
Acq: 06 Apr 2022 16:08

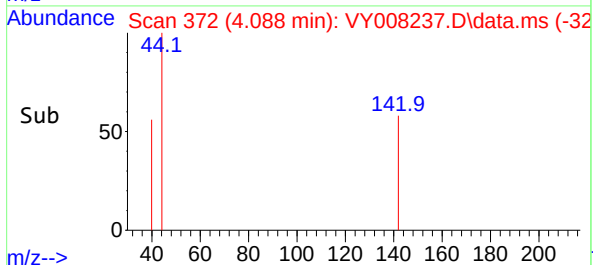
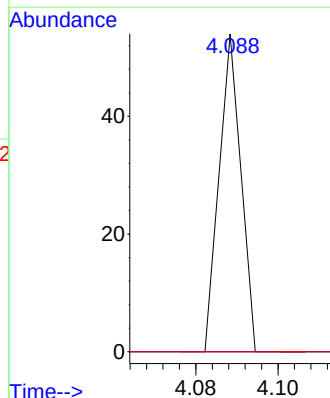
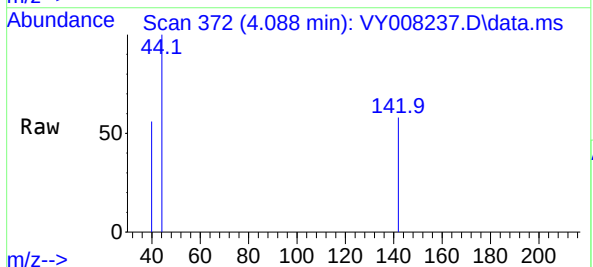
Instrument :
MSVOA_Y
ClientSampleId :
LA-1

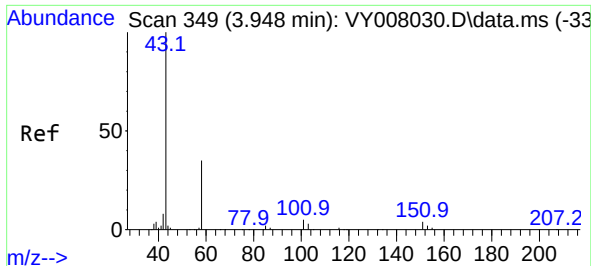
Tgt Ion:168 Resp: 112850
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#10
Methyl Iodide
Concen: 1.710 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008237.D
Acq: 06 Apr 2022 16:08

Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

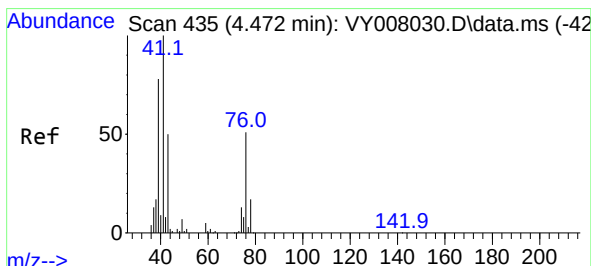
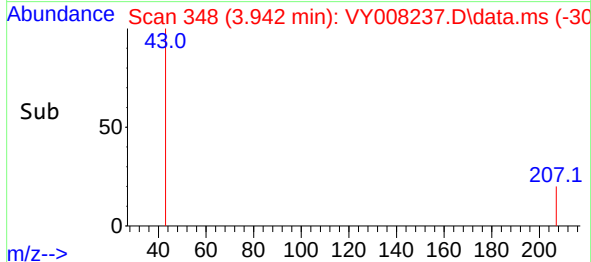
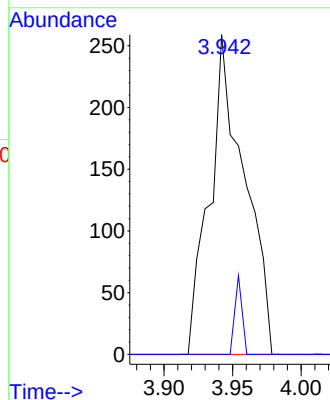
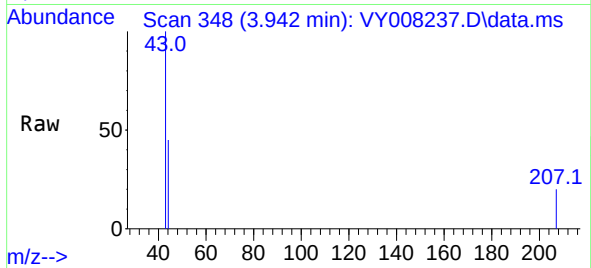




#16
Acetone
Concen: 1.770 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008237.D
Acq: 06 Apr 2022 16:08

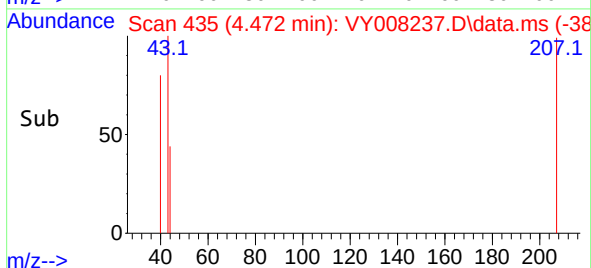
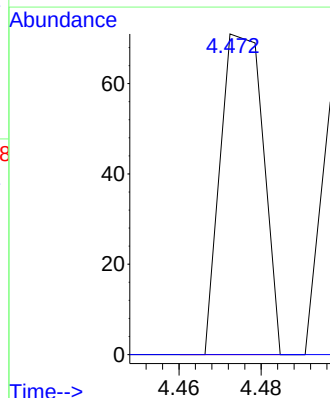
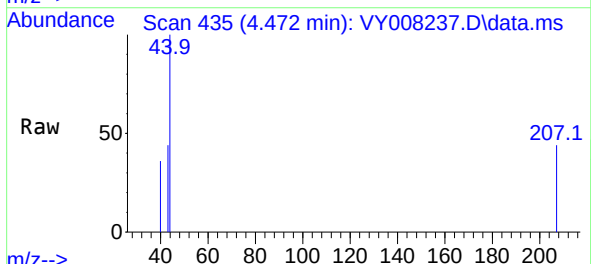
Instrument :
MSVOA_Y
ClientSampleId :
LA-1

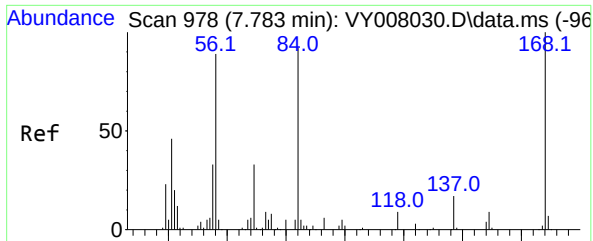
Tgt Ion: 43 Resp: 458
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008237.D
Acq: 06 Apr 2022 16:08

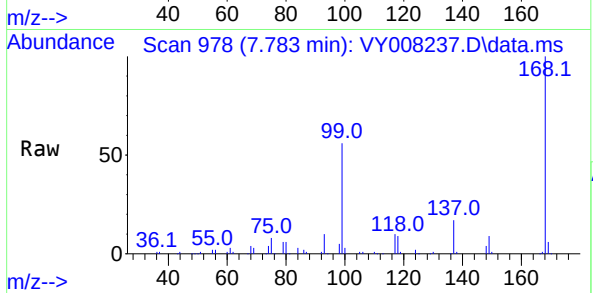
Tgt Ion: 43 Resp: 51
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



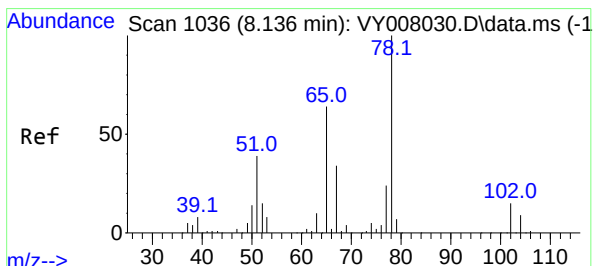
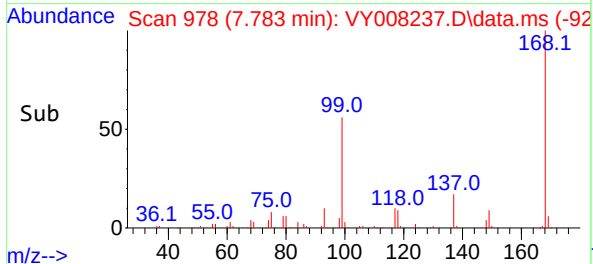
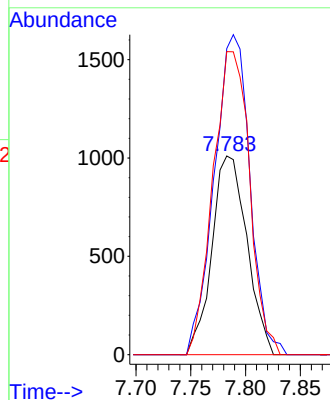


#31
Cyclohexane
Concen: 1.060 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008237.D
Acq: 06 Apr 2022 16:08

Instrument :
MSVOA_Y
ClientSampleId :
LA-1

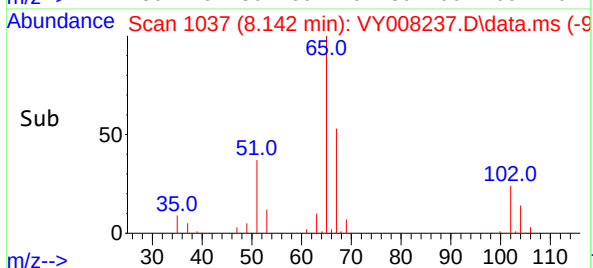
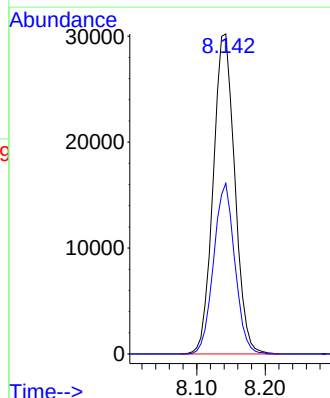
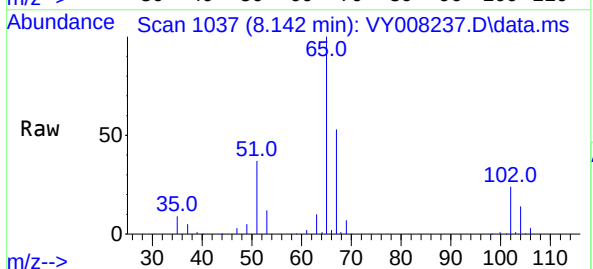


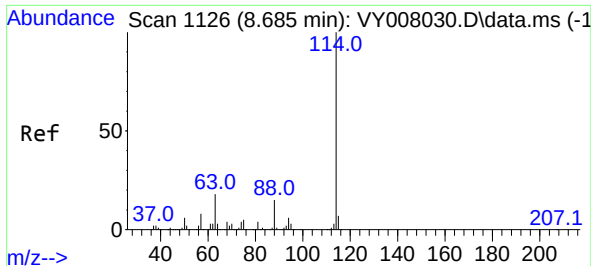
Tgt Ion: 56 Resp: 2244
Ion Ratio Lower Upper
56 100
69 154.1 26.7 40.1#
84 152.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.340 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008237.D
Acq: 06 Apr 2022 16:08

Tgt Ion: 65 Resp: 66054
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008237.D

Acq: 06 Apr 2022 16:08

Instrument :

MSVOA_Y

ClientSampleId :

LA-1

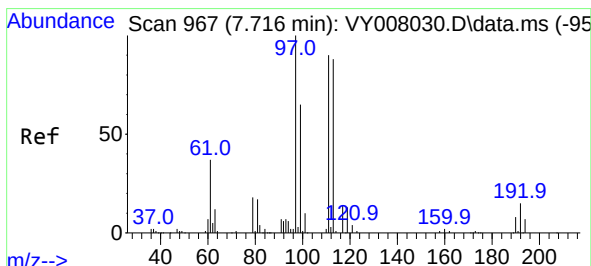
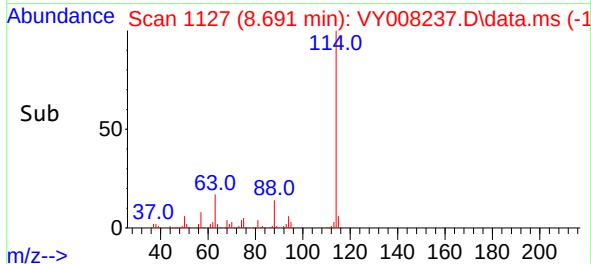
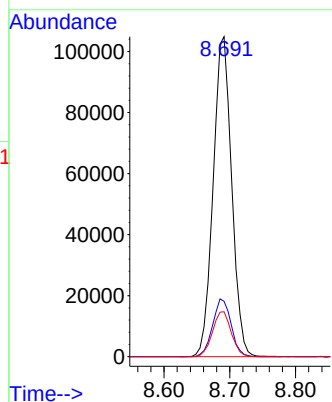
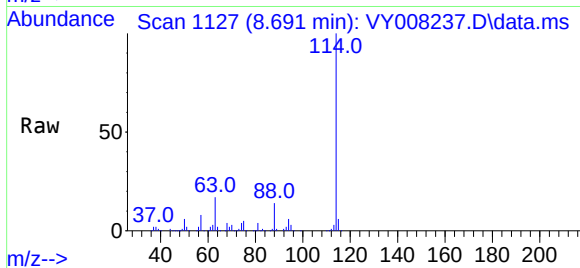
Tgt Ion:114 Resp: 205316

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.454 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008237.D

Acq: 06 Apr 2022 16:08

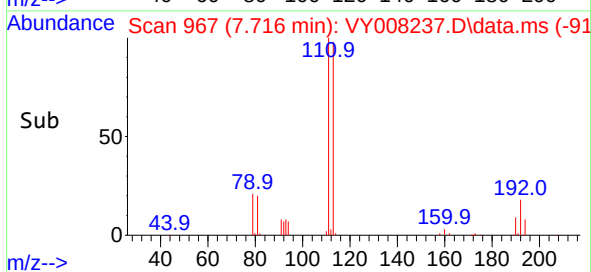
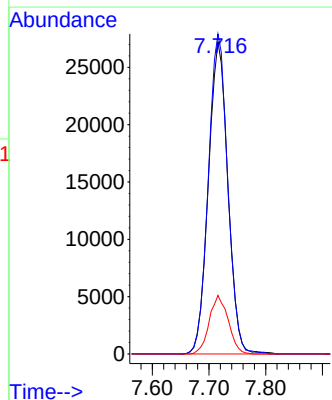
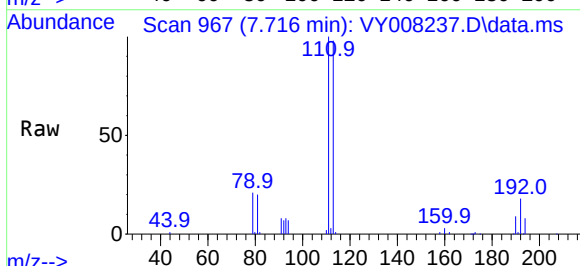
Tgt Ion:113 Resp: 64948

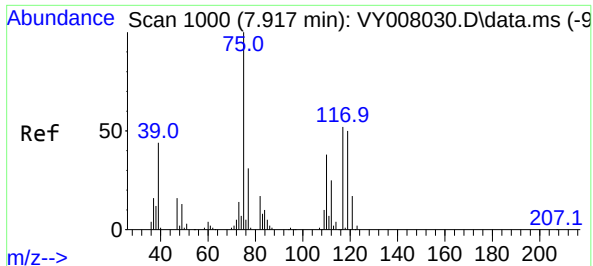
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 18.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.473 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008237.D

Acq: 06 Apr 2022 16:08

Instrument :

MSVOA_Y

ClientSampleId :

LA-1

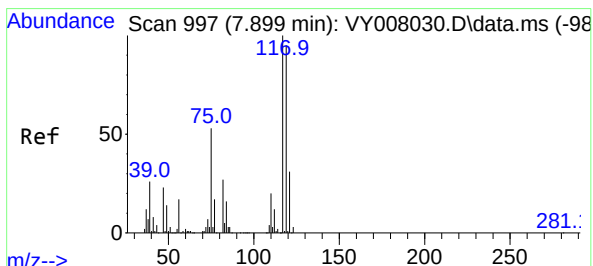
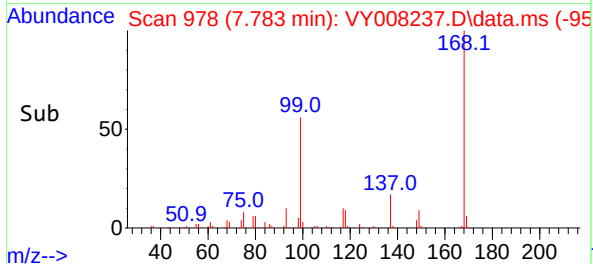
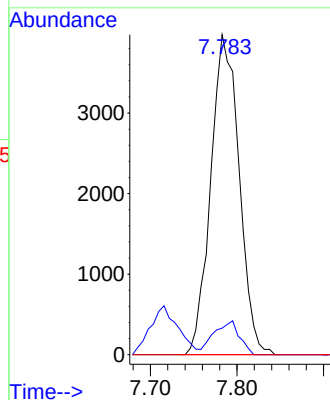
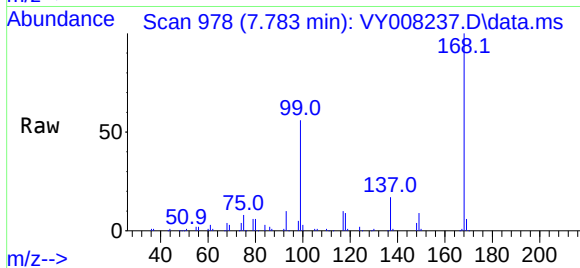
Tgt Ion: 75 Resp: 9045

Ion Ratio Lower Upper

75 100

110 9.4 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.180 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008237.D

Acq: 06 Apr 2022 16:08

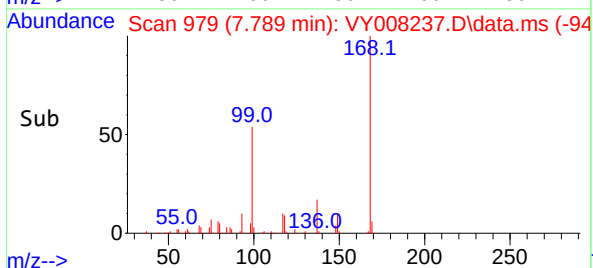
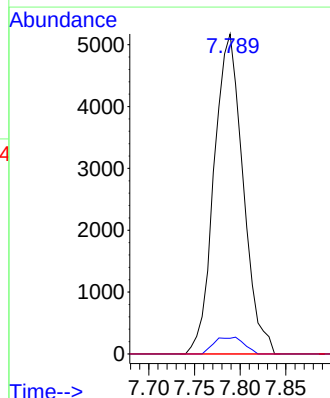
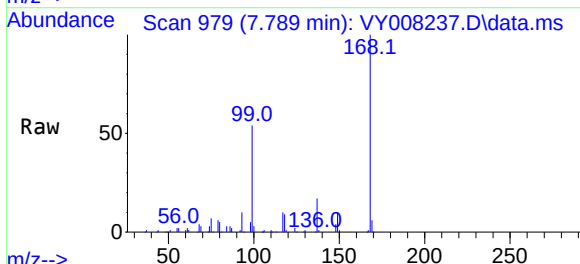
Tgt Ion: 117 Resp: 11414

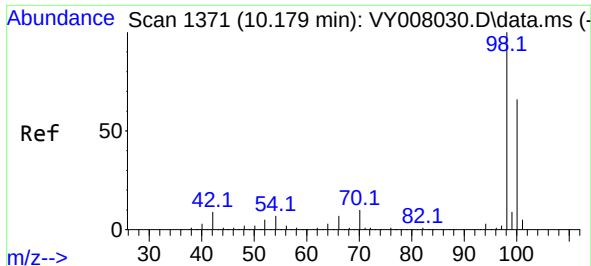
Ion Ratio Lower Upper

117 100

119 4.9 77.9 116.9#

121 0.0 24.8 37.2#

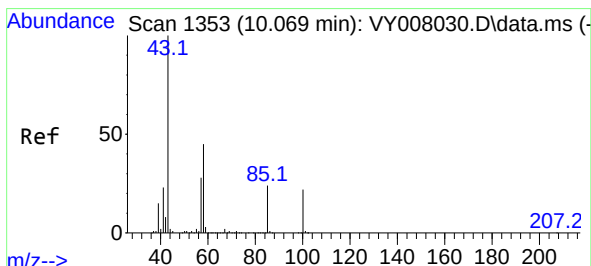
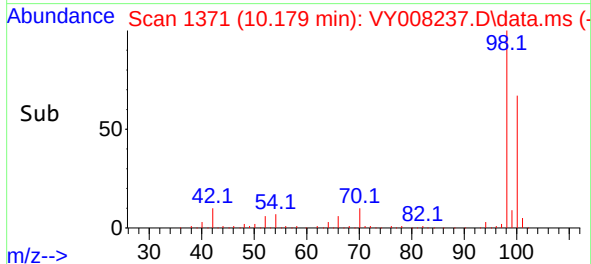
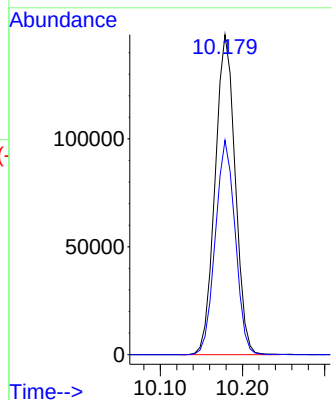
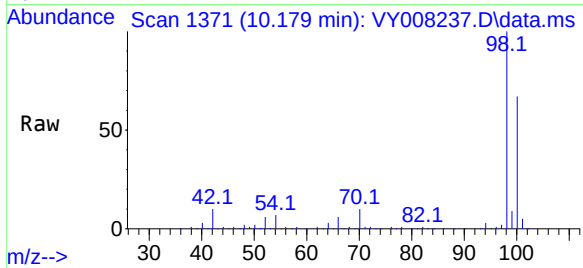




#50
Toluene-d8
Concen: 51.974 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008237.D
Acq: 06 Apr 2022 16:08

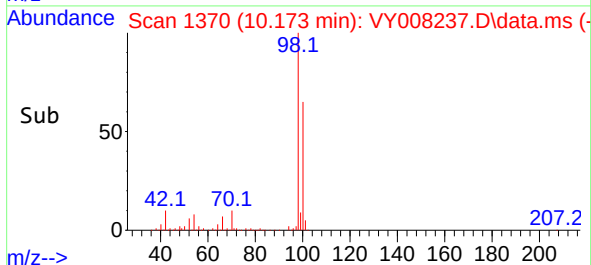
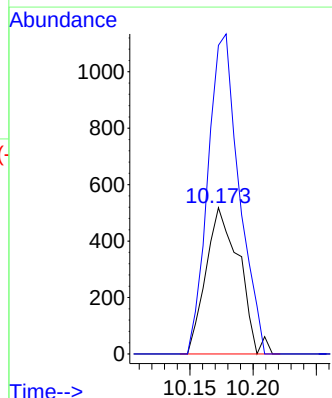
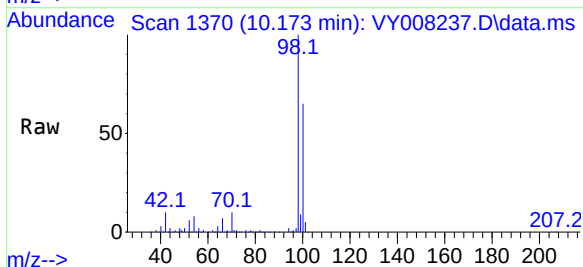
Instrument :
MSVOA_Y
ClientSampleId :
LA-1

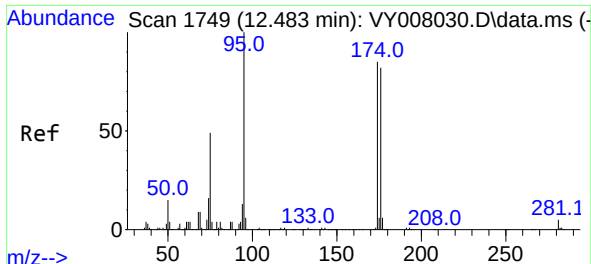
Tgt Ion: 98 Resp: 252067
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.013 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY008237.D
Acq: 06 Apr 2022 16:08

Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 205.3 28.1 42.1#

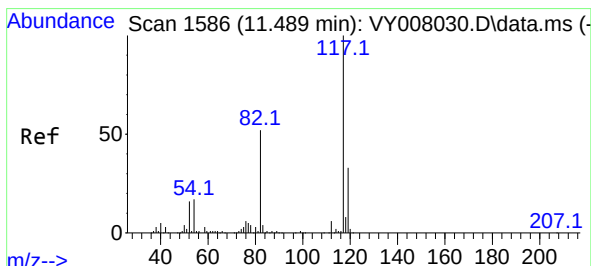
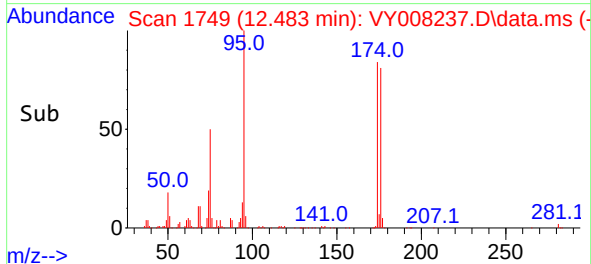
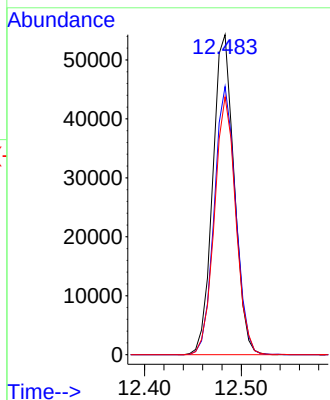
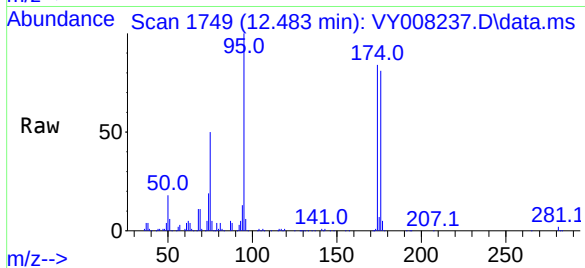




#62
4-Bromofluorobenzene
Concen: 48.803 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008237.D
Acq: 06 Apr 2022 16:08

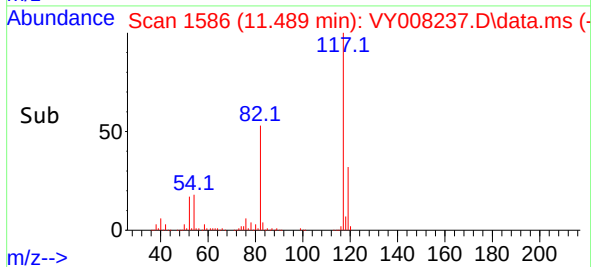
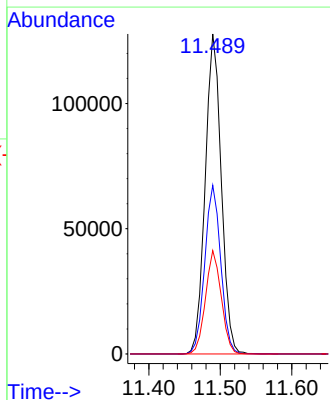
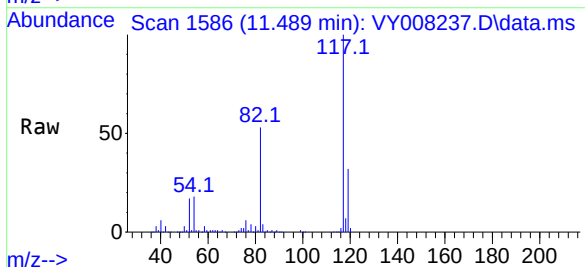
Instrument :
MSVOA_Y
ClientSampleId :
LA-1

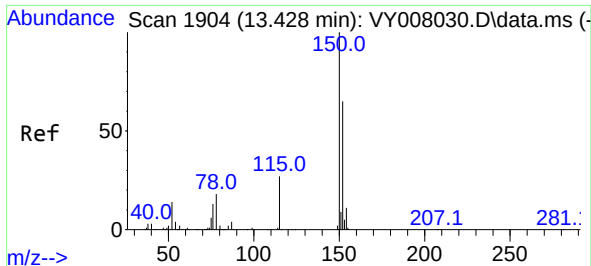
Tgt Ion: 95 Resp: 83504
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 80.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008237.D
Acq: 06 Apr 2022 16:08

Tgt Ion: 117 Resp: 199320
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.3 25.4 38.0

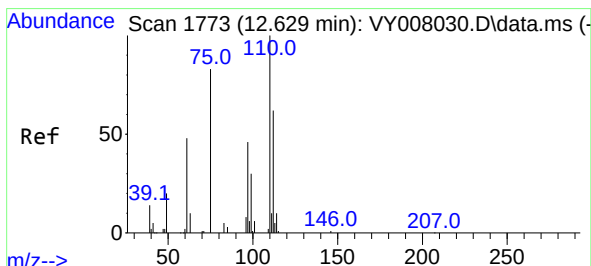
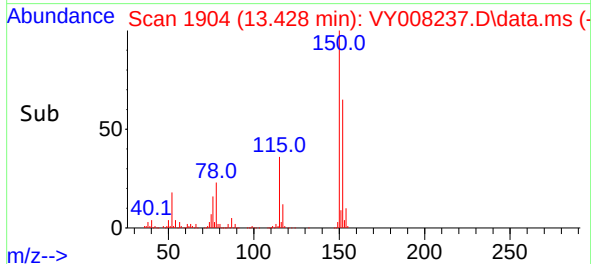
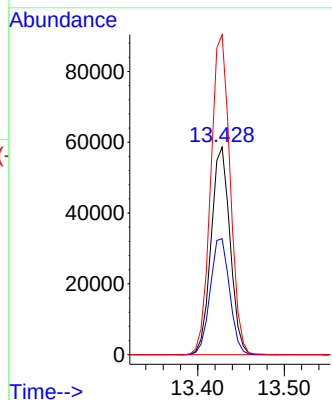
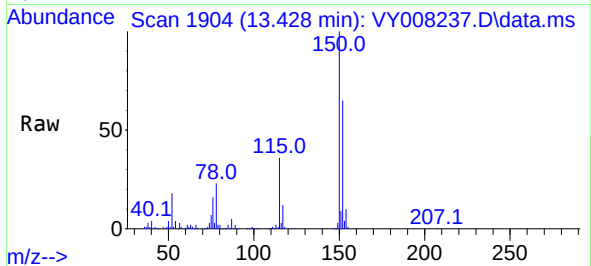




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008237.D
 Acq: 06 Apr 2022 16:08

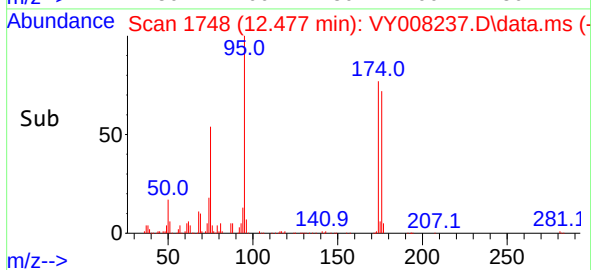
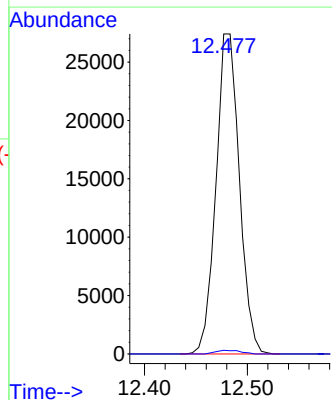
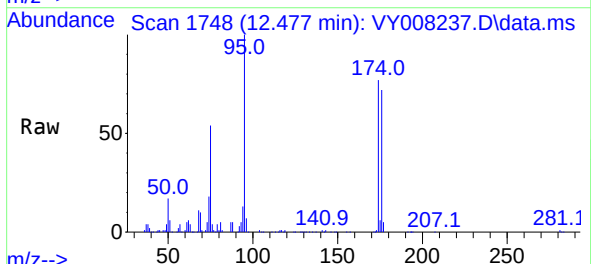
Instrument :
 MSVOA_Y
 ClientSampleId :
 LA-1

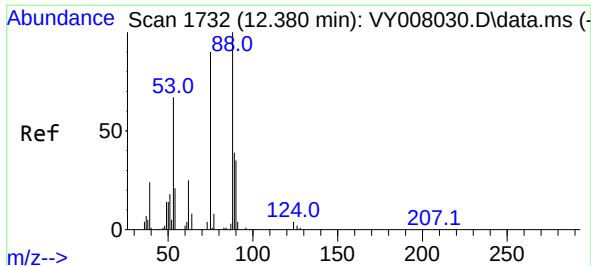
Tgt Ion:152 Resp: 89243
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 157.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.799 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY008237.D
 Acq: 06 Apr 2022 16:08

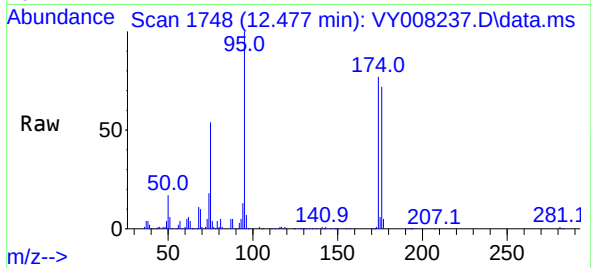
Tgt Ion: 75 Resp: 43296
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.797 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY008237.D
 Acq: 06 Apr 2022 16:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 LA-1



Tgt Ion: 75 Resp: 43296
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

