

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008110.D
 Acq On : 30 Mar 2022 14:55
 Operator : SY/MD
 Sample : N2155-03RE
 Misc : 4.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-CRE

Quant Time: Mar 31 04:33:07 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)

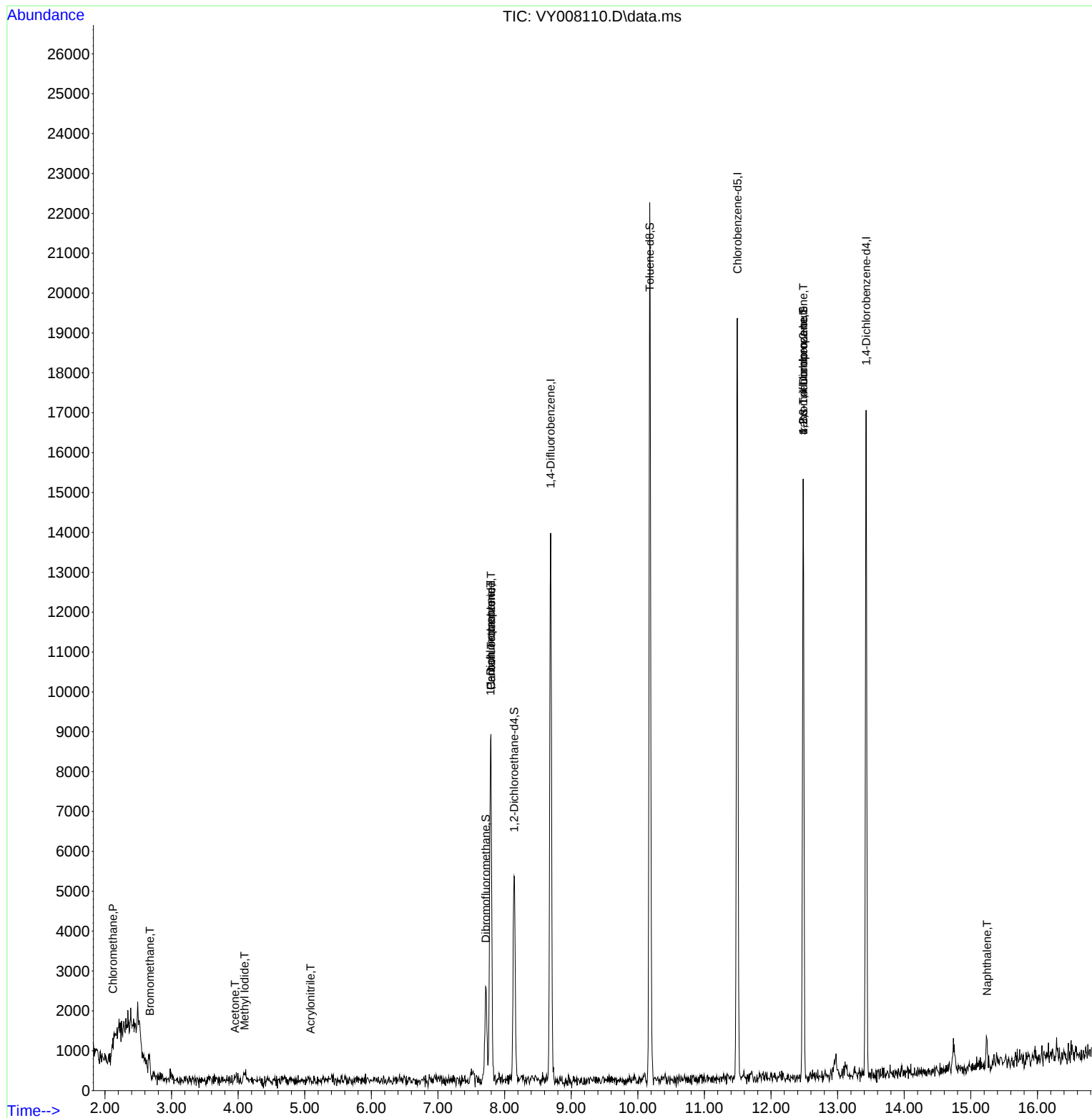
Internal Standards						
1) Pentafluorobenzene	7.795	168	6885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	12477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	11479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	4122	59.672	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.340%	
35) Dibromofluoromethane	7.716	113	1846	23.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 47.200%#	
50) Toluene-d8	10.179	98	15234	51.689	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.380%	
62) 4-Bromofluorobenzene	12.483	95	4772	45.894	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	125	1.654	ug/l #	44
5) Bromomethane	2.674	94	235	2.852	ug/l	94
10) Methyl Iodide	4.094	142	340	5.261	ug/l #	42
15) Acrylonitrile	5.088	53	20	1.019	ug/l #	17
16) Acetone	3.954	43	225	14.250	ug/l #	47
36) 1,1-Dichloropropene	7.789	75	586	4.769	ug/l #	42
38) Carbon Tetrachloride	7.795	117	808	6.034	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	2572	48.194	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2572	107.528	ug/l #	7
95) Naphthalene	15.245	128	1039	5.423	ug/l #	82

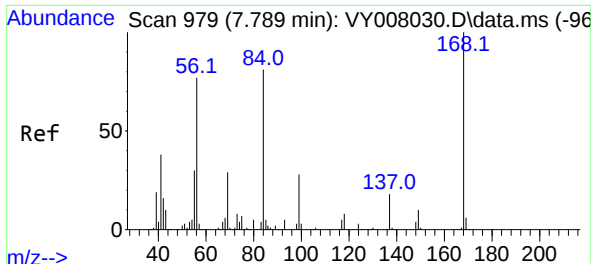
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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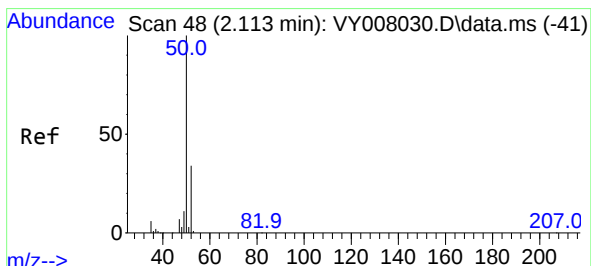
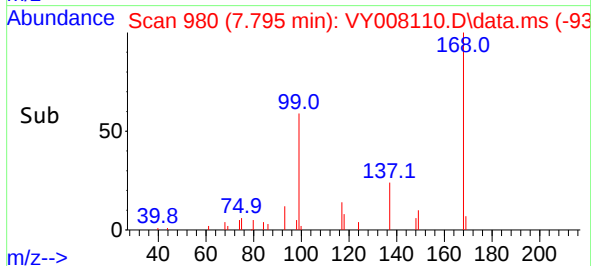
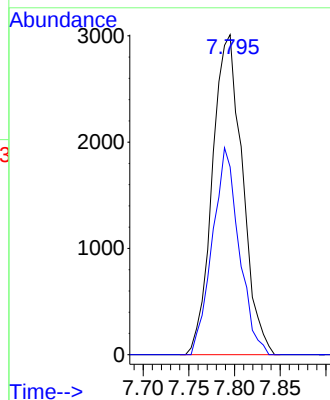
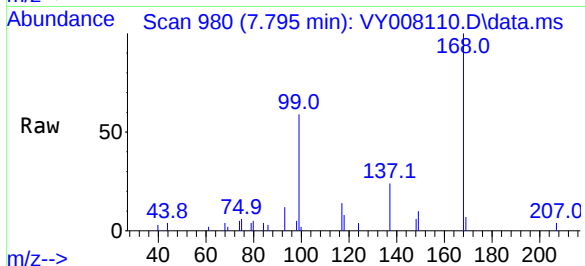




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

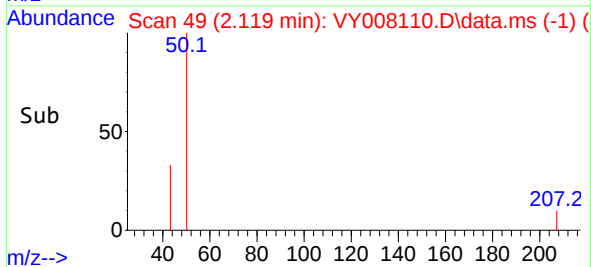
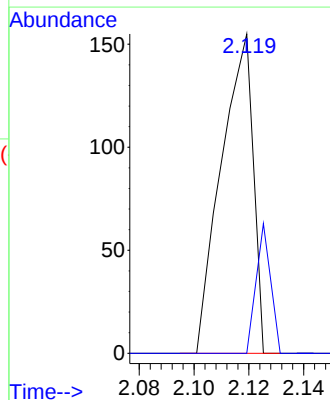
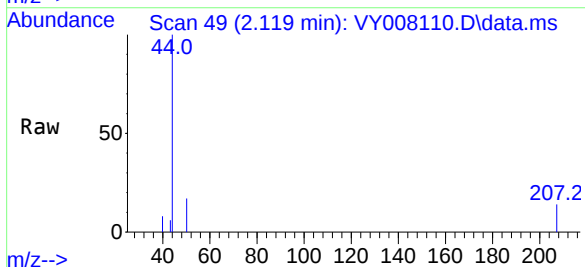
Instrument :
MSVOA_Y
ClientSampleId :
22L076-CRE

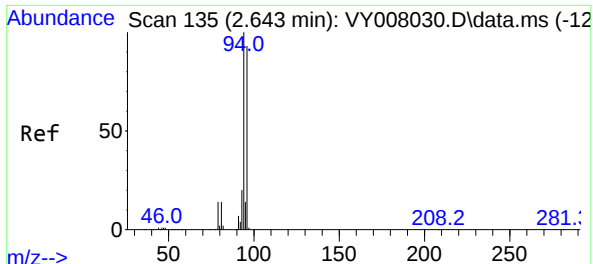
Tgt Ion:168 Resp: 6885
Ion Ratio Lower Upper
168 100
99 58.7 46.9 70.3



#3
Chloromethane
Concen: 1.654 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

Tgt Ion: 50 Resp: 125
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

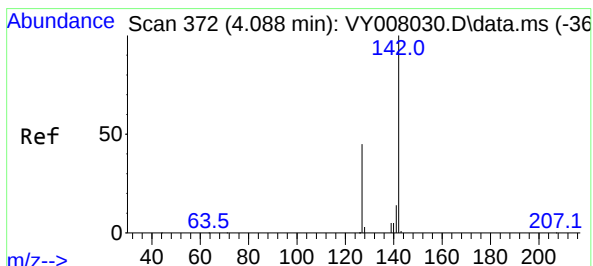
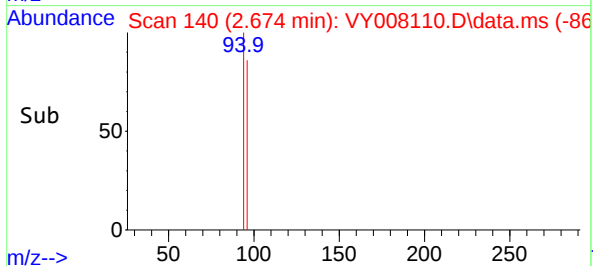
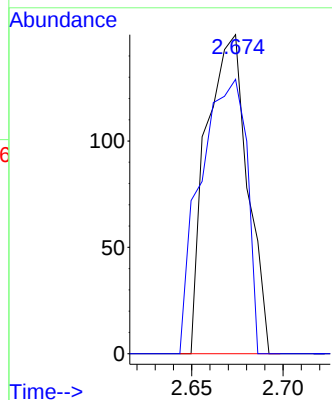
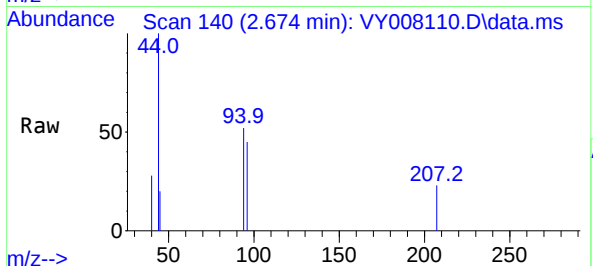




#5
Bromomethane
Concen: 2.852 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.031 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

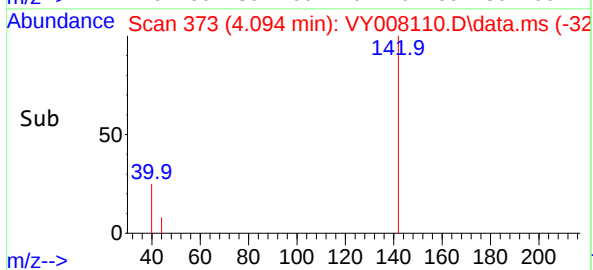
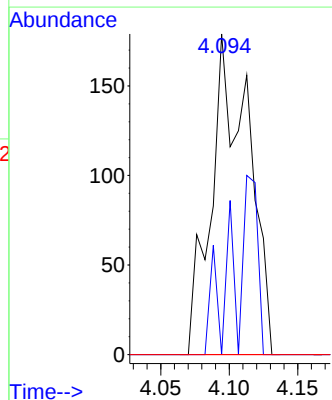
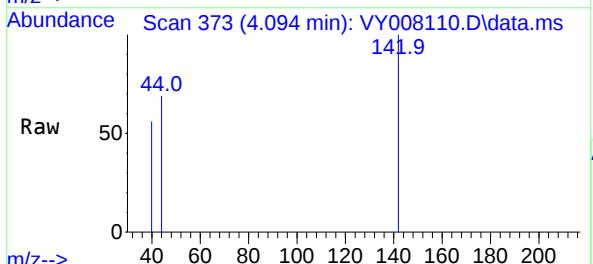
Instrument :
MSVOA_Y
ClientSampleId :
22L076-CRE

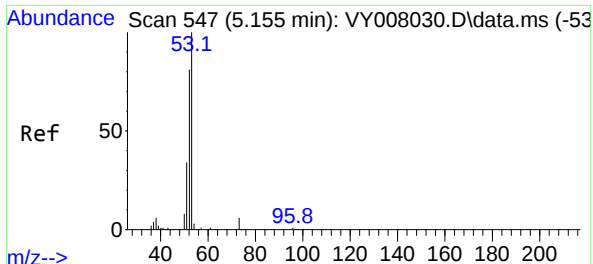
Tgt Ion: 94 Resp: 235
Ion Ratio Lower Upper
94 100
96 86.0 73.5 110.3



#10
Methyl Iodide
Concen: 5.261 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

Tgt Ion:142 Resp: 340
Ion Ratio Lower Upper
142 100
127 6.5 41.5 62.3#
141 0.0 11.9 17.9#

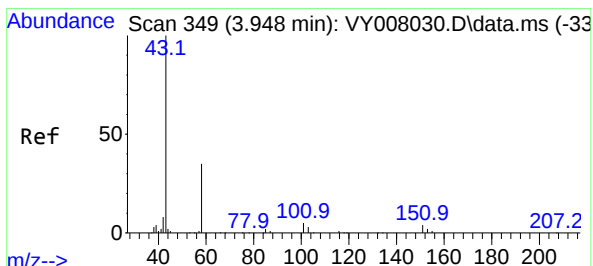
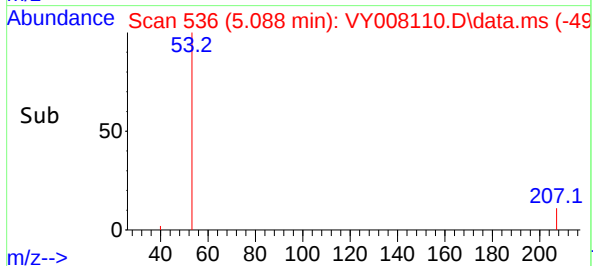
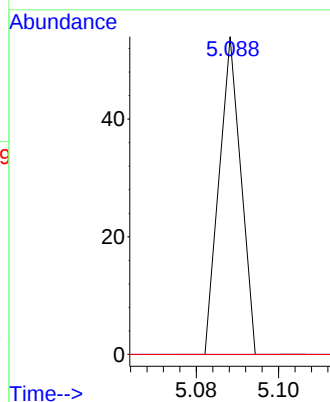
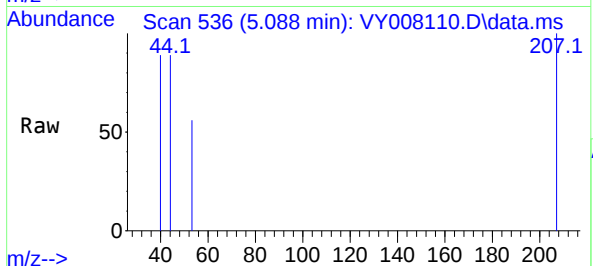




#15
Acrylonitrile
Concen: 1.019 ug/l
RT: 5.088 min Scan# 51
Delta R.T. -0.067 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

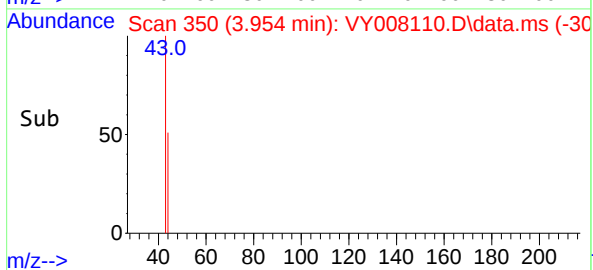
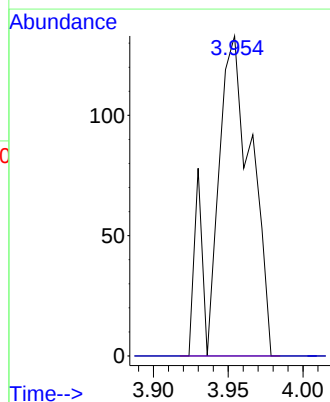
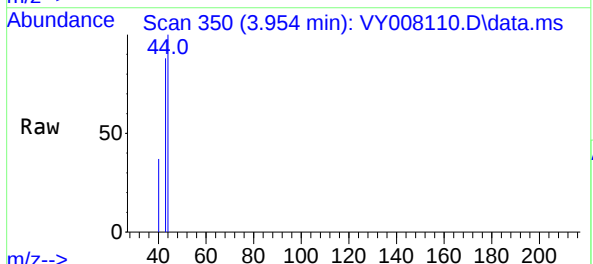
Instrument :
MSVOA_Y
ClientSampleId :
22L076-CRE

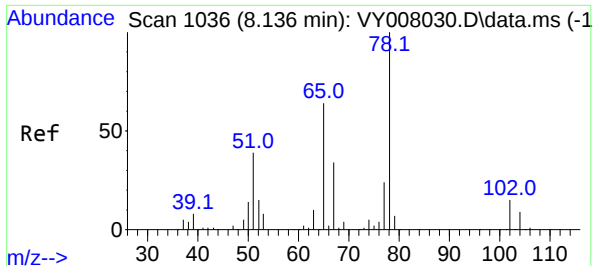
Tgt Ion: 53 Resp: 20
Ion Ratio Lower Upper
53 100
52 0.0 67.0 100.4#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 14.250 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

Tgt Ion: 43 Resp: 225
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 59.672 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008110.D

Acq: 30 Mar 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

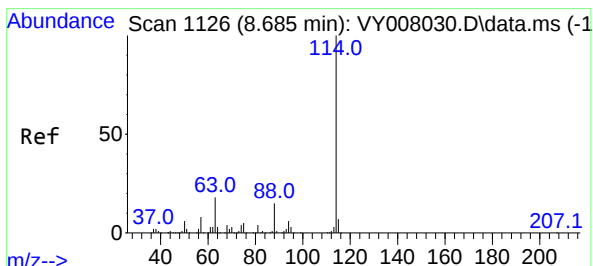
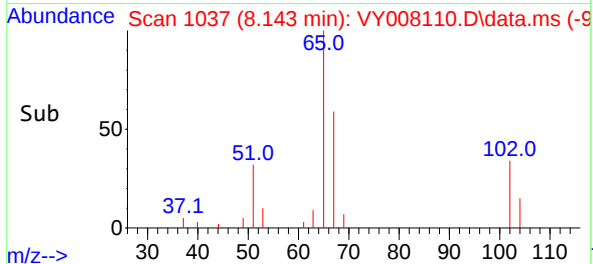
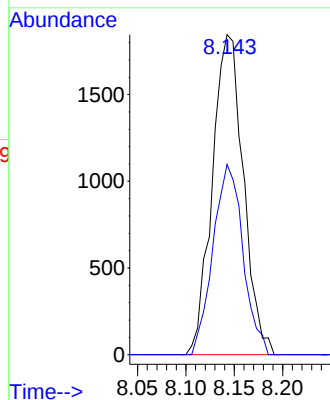
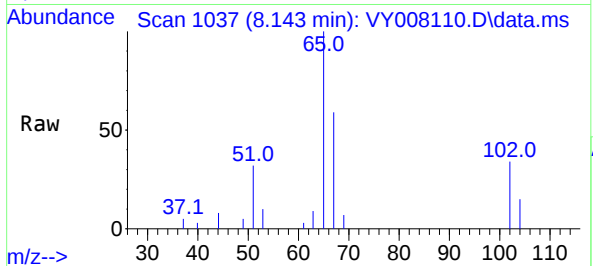
22L076-CRE

Tgt Ion: 65 Resp: 4122

Ion Ratio Lower Upper

65 100

67 57.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008110.D

Acq: 30 Mar 2022 14:55

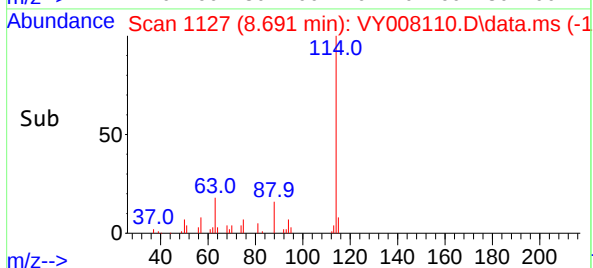
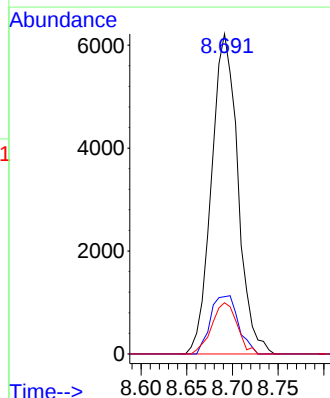
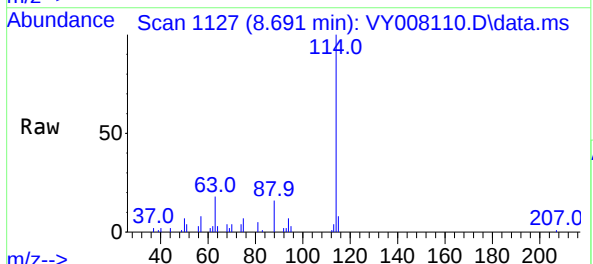
Tgt Ion: 114 Resp: 12477

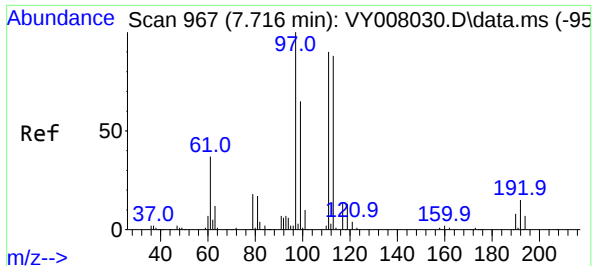
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 16.0 0.0 31.8

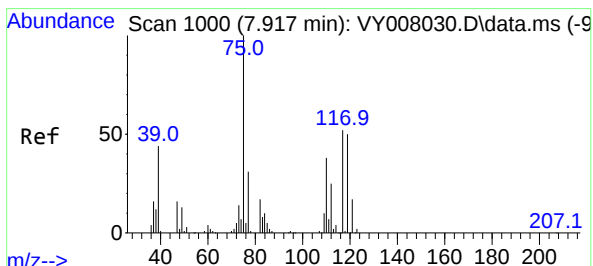
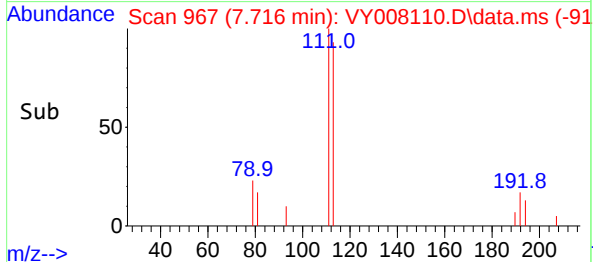
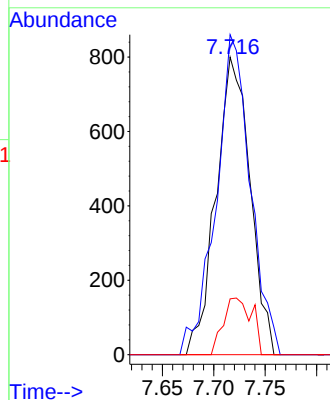
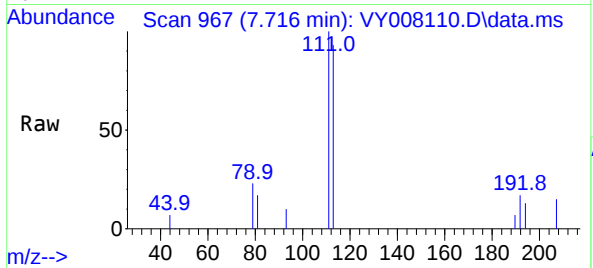




#35
Dibromofluoromethane
Concen: 23.598 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

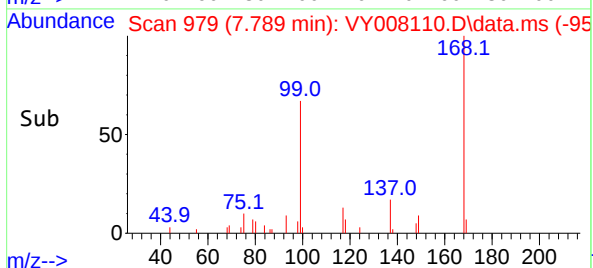
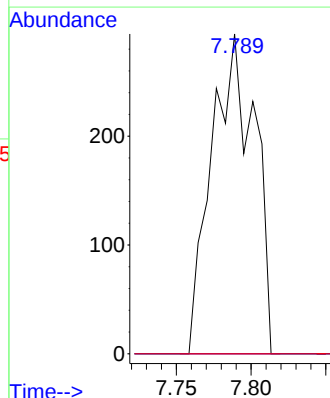
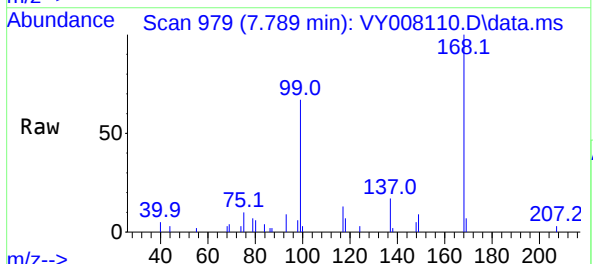
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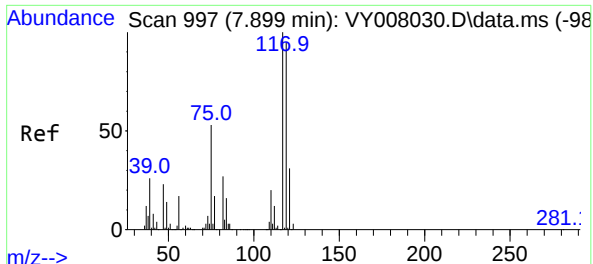
Tgt Ion:113 Resp: 1846
Ion Ratio Lower Upper
113 100
111 107.5 82.6 124.0
192 15.9 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.769 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

Tgt Ion: 75 Resp: 586
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

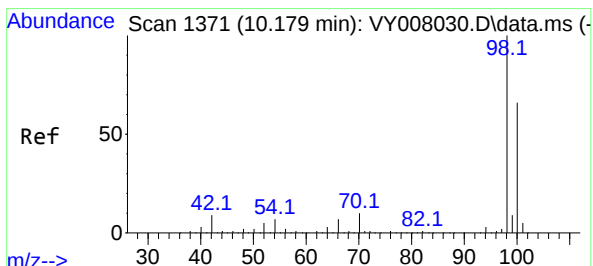
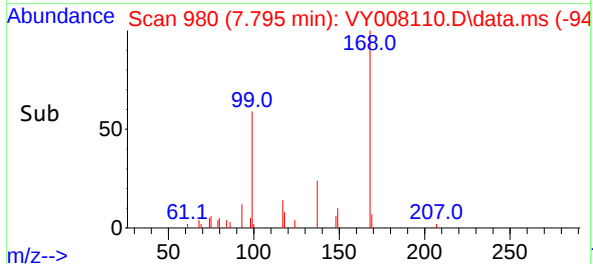
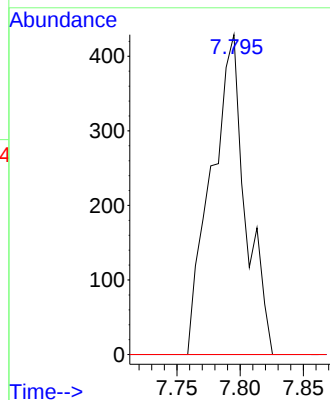
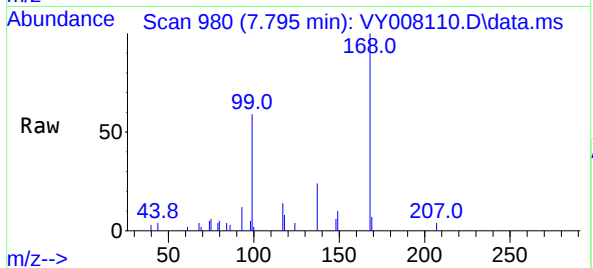




#38
Carbon Tetrachloride
Concen: 6.034 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

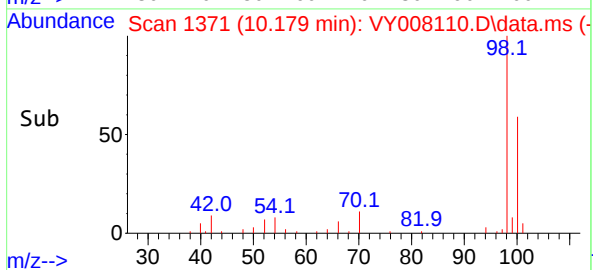
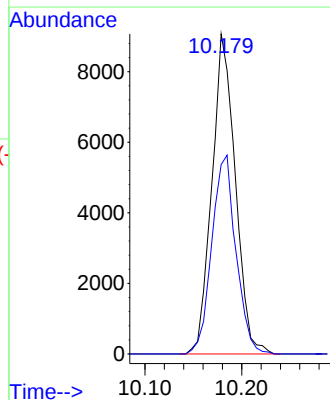
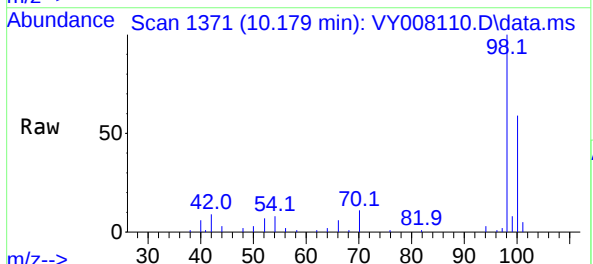
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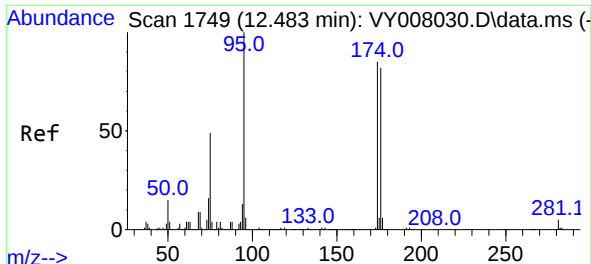
Tgt Ion:117 Resp: 808
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.689 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

Tgt Ion: 98 Resp: 15234
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

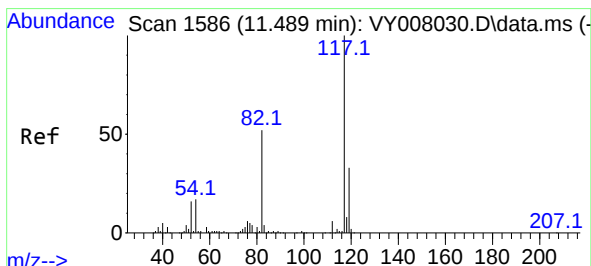
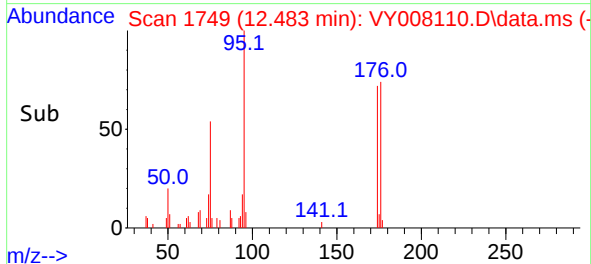
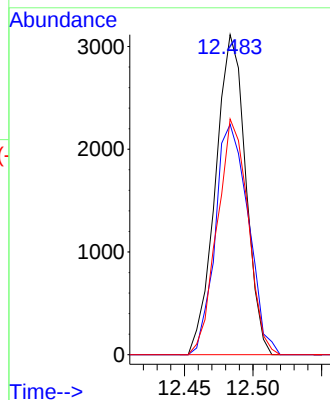
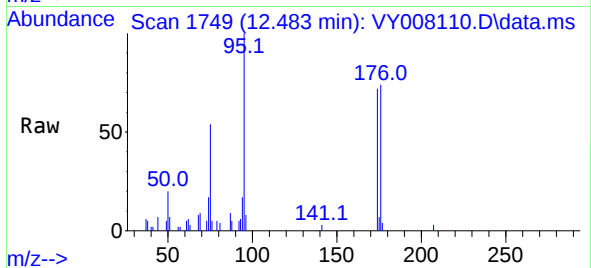




#62
4-Bromofluorobenzene
Concen: 45.894 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

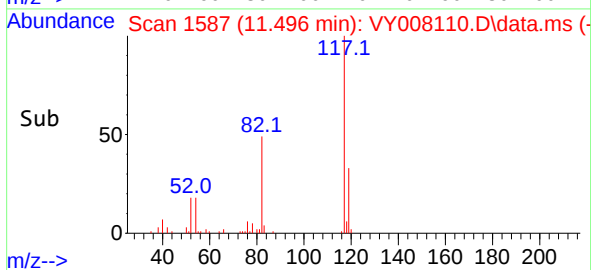
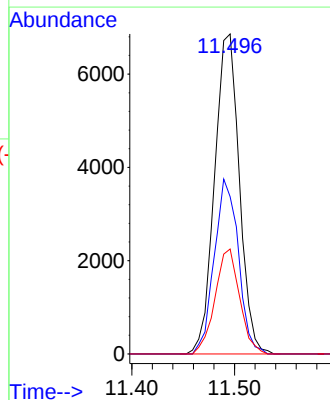
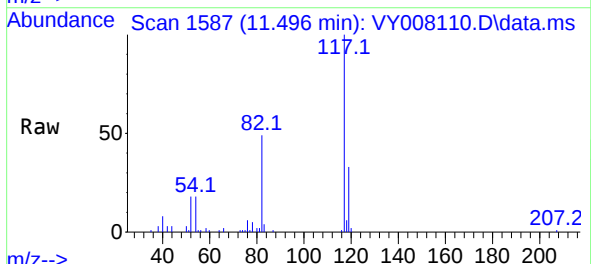
Instrument :
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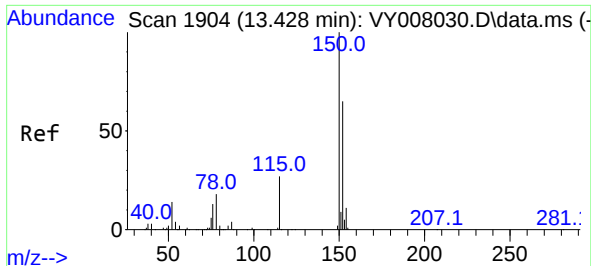
Tgt Ion: 95 Resp: 4772
Ion Ratio Lower Upper
95 100
174 79.1 0.0 177.0
176 75.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

Tgt Ion: 117 Resp: 11479
Ion Ratio Lower Upper
117 100
82 49.1 43.0 64.4
119 32.8 25.4 38.0

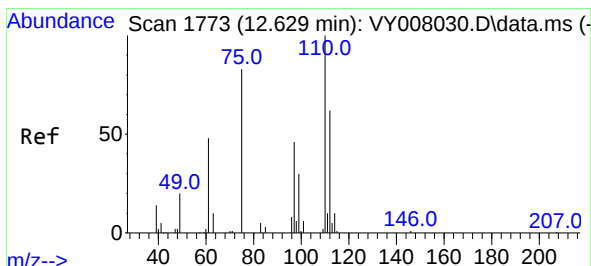
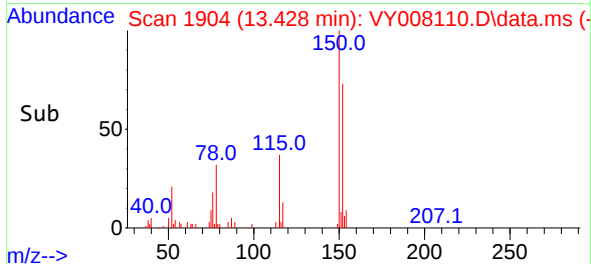
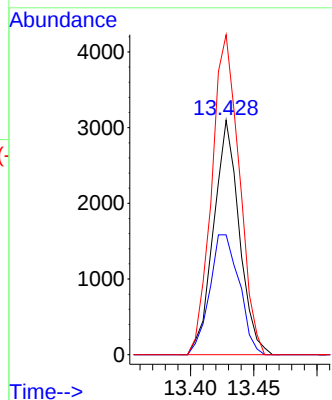
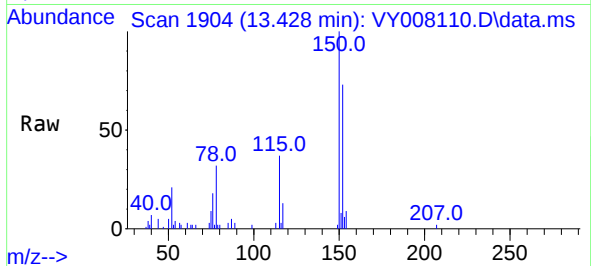




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008110.D
 Acq: 30 Mar 2022 14:55

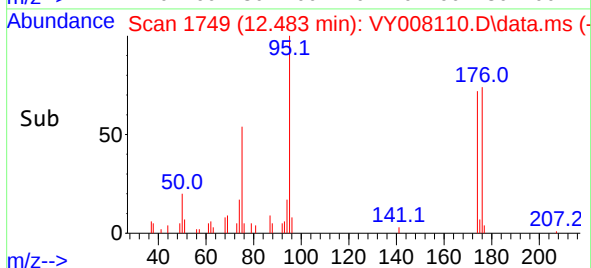
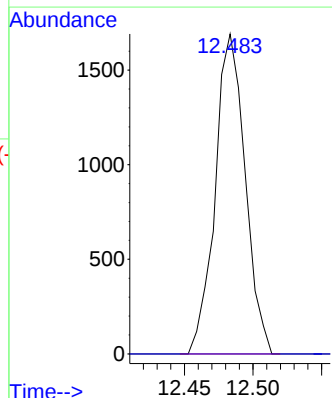
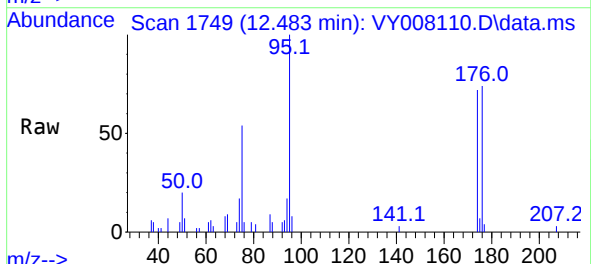
Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-CRE

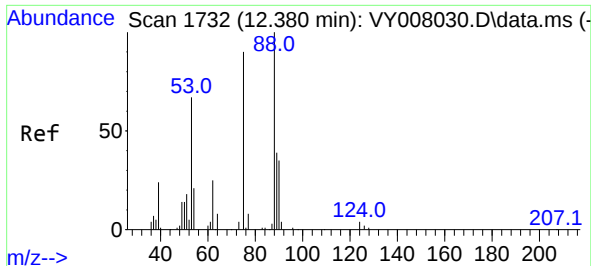
Tgt Ion:152 Resp: 4378
 Ion Ratio Lower Upper
 152 100
 115 58.8 28.2 84.7
 150 146.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.194 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008110.D
 Acq: 30 Mar 2022 14:55

Tgt Ion: 75 Resp: 2572
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

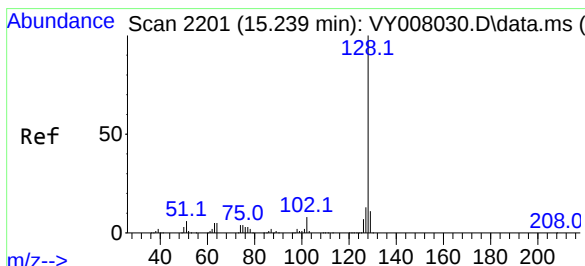
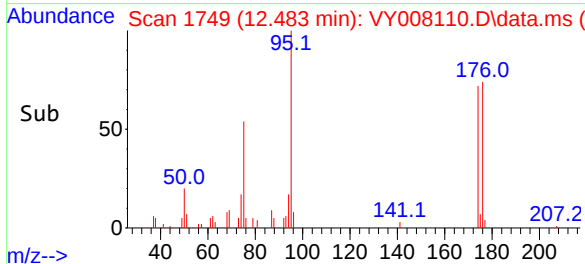
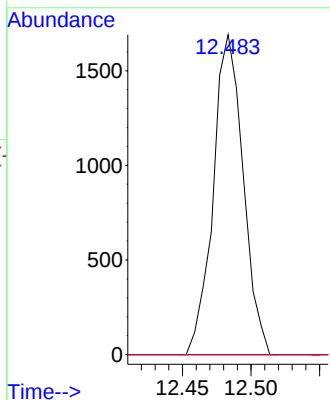
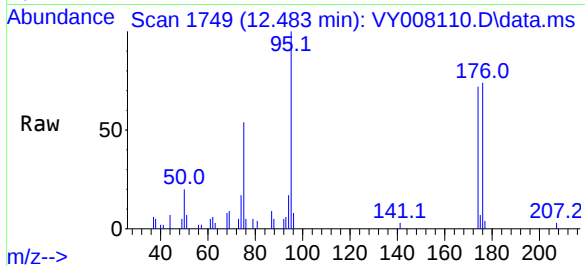




#81
trans-1,4-Dichloro-2-butene
Concen: 107.528 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

Instrument :
MSVOA_Y
ClientSampleId :
22L076-CRE

Tgt Ion: 75 Resp: 2572
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 5.423 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY008110.D
Acq: 30 Mar 2022 14:55

Tgt Ion:128 Resp: 1039
Ion Ratio Lower Upper
128 100
127 5.7 11.0 16.4#
129 4.7 8.4 12.6#

