

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
 Data File : VY008075.D
 Acq On : 28 Mar 2022 19:24
 Operator : SY/MD
 Sample : N2142-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CW-1

Quant Time: Mar 29 02:29:15 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)

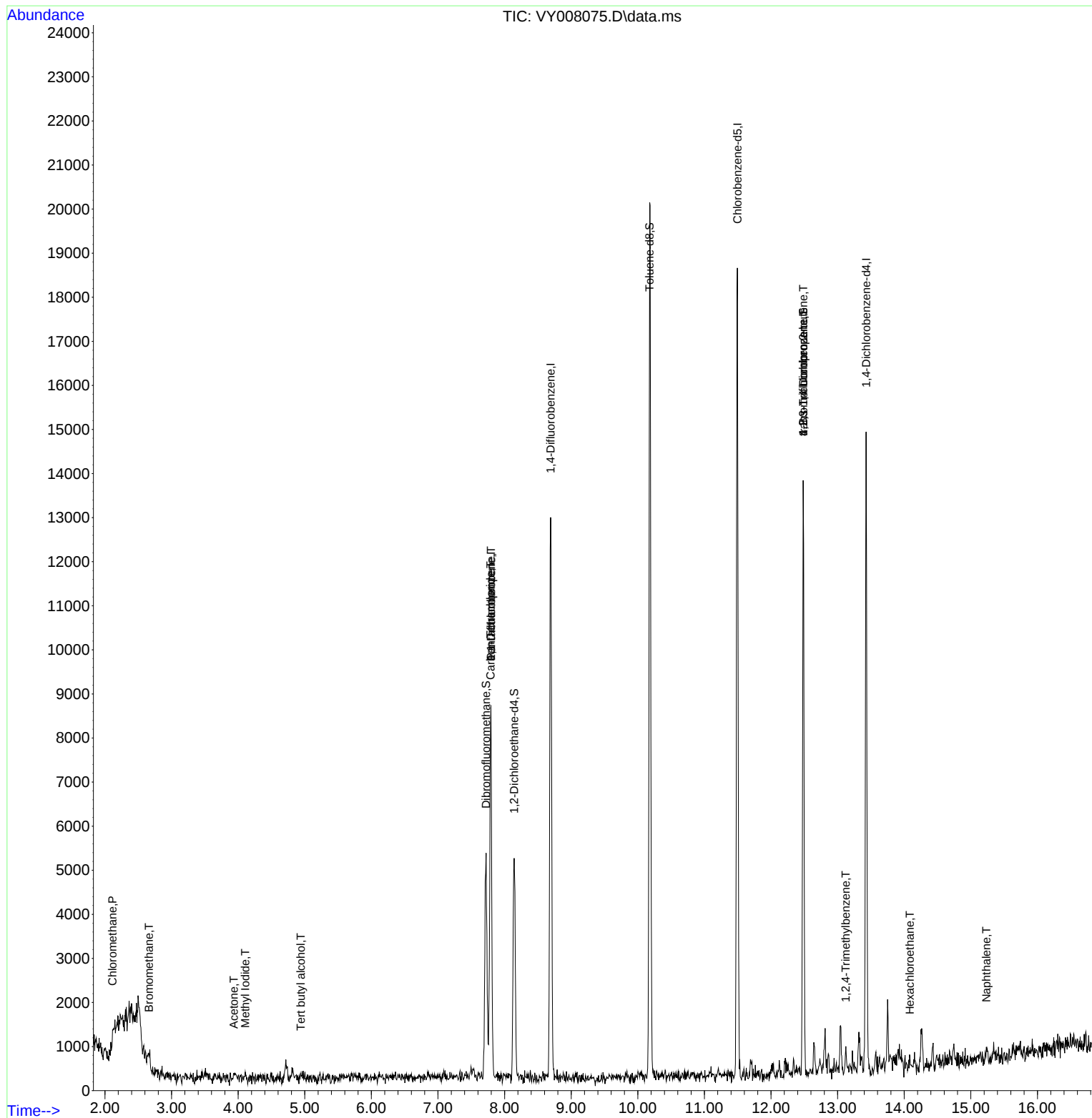
Internal Standards						
1) Pentafluorobenzene	7.795	168	6691	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	12063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	10740	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	4179	62.252	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.500%
35) Dibromofluoromethane	7.722	113	3725	49.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.500%
50) Toluene-d8	10.179	98	14077	49.403	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.483	95	4284	42.615	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.220%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	133	1.811	ug/l #	44
5) Bromomethane	2.662	94	84	1.049	ug/l #	43
10) Methyl Iodide	4.107	142	155	3.369	ug/l #	35
11) Tert butyl alcohol	4.942	59	21	3.015	ug/l #	77
16) Acetone	3.936	43	287	18.704	ug/l #	47
20) Methylene Chloride	4.716	84	169	Below Cal	#	42
36) 1,1-Dichloropropene	7.795	75	499	4.200	ug/l #	42
38) Carbon Tetrachloride	7.789	117	636	4.912	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	2162	47.447	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2162	105.862	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.123	105	364	1.479	ug/l	87
90) Hexachloroethane	14.087	117	99	1.847	ug/l #	6
95) Naphthalene	15.233	128	279	1.706	ug/l #	69

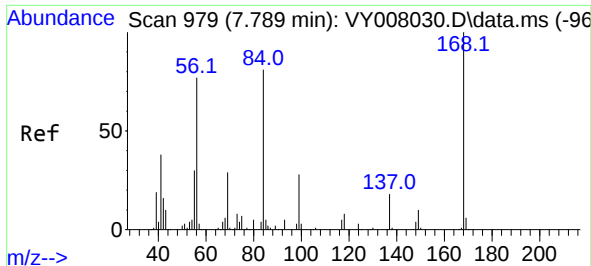
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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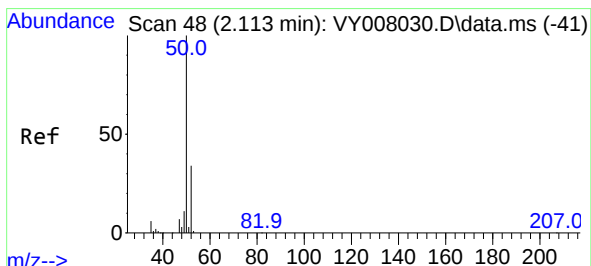
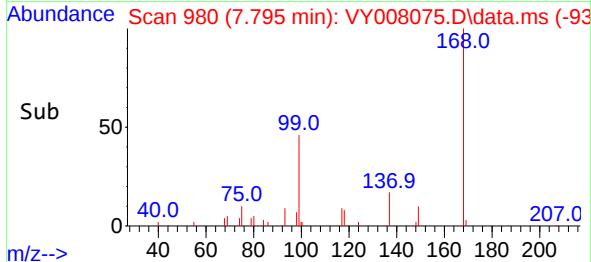
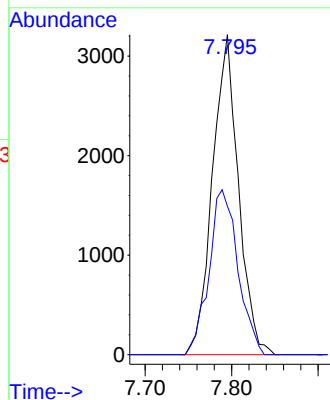
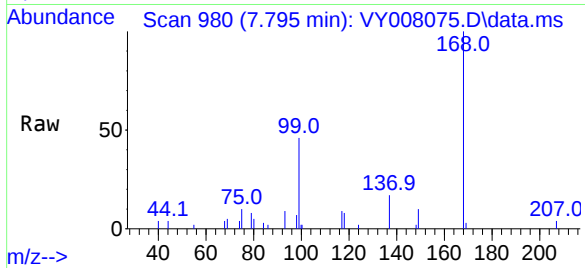




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008075.D
Acq: 28 Mar 2022 19:24

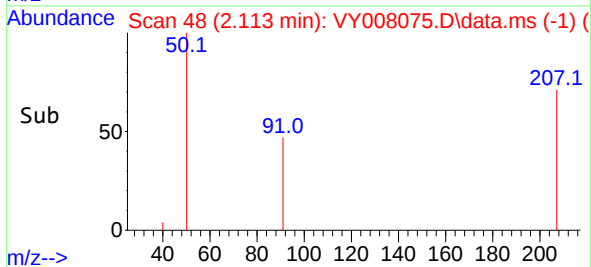
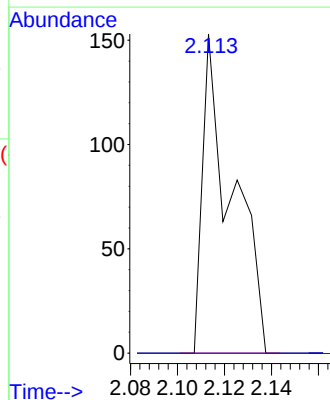
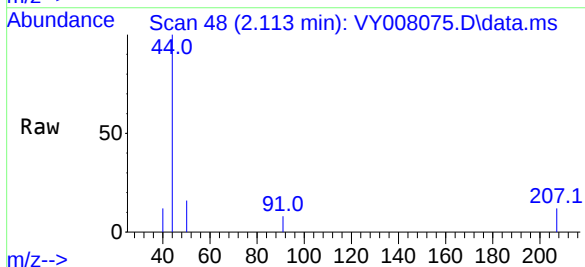
Instrument :
MSVOA_Y
ClientSampleId :
CW-1

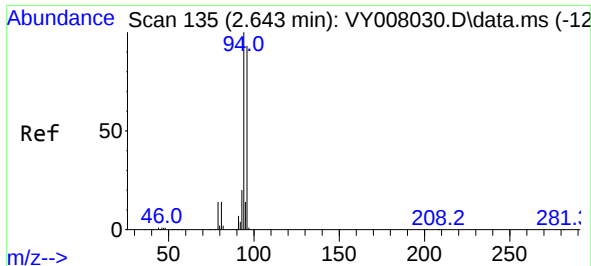
Tgt Ion:168 Resp: 6691
Ion Ratio Lower Upper
168 100
99 46.4 46.9 70.3#



#3
Chloromethane
Concen: 1.811 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008075.D
Acq: 28 Mar 2022 19:24

Tgt Ion: 50 Resp: 133
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

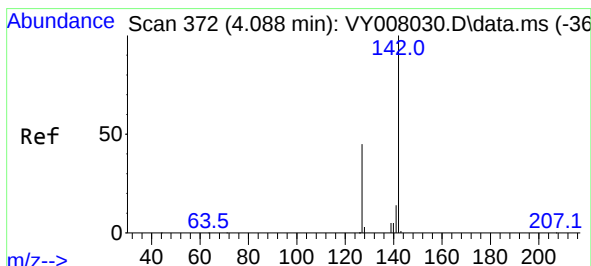
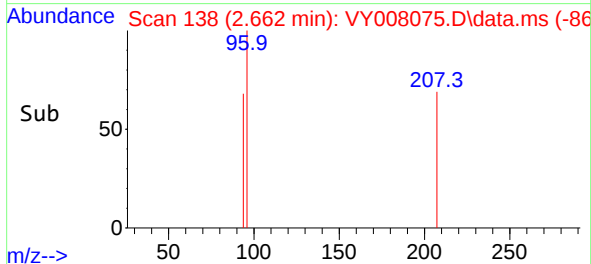
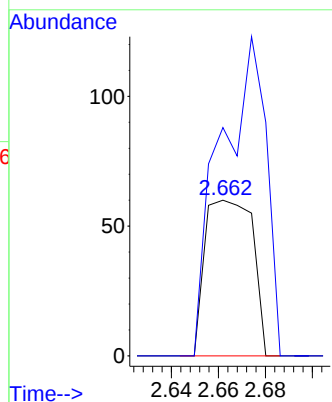
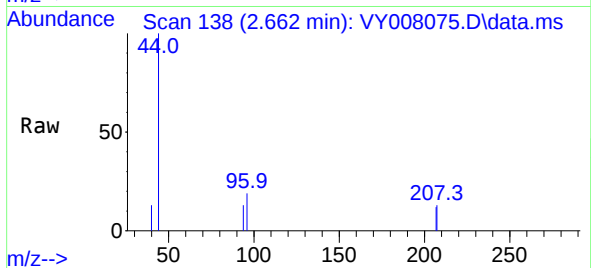




#5
Bromomethane
Concen: 1.049 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008075.D
Acq: 28 Mar 2022 19:24

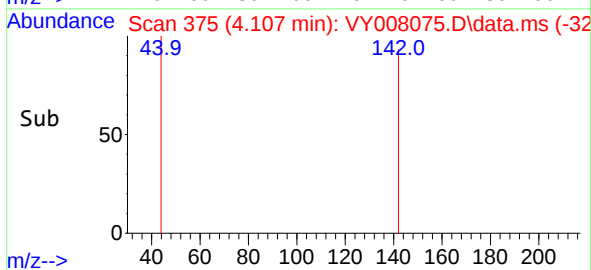
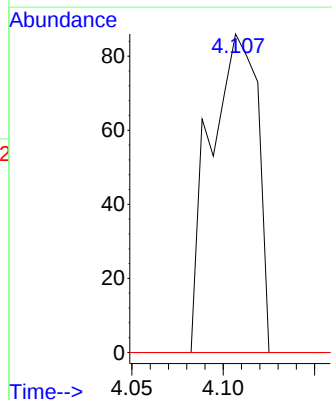
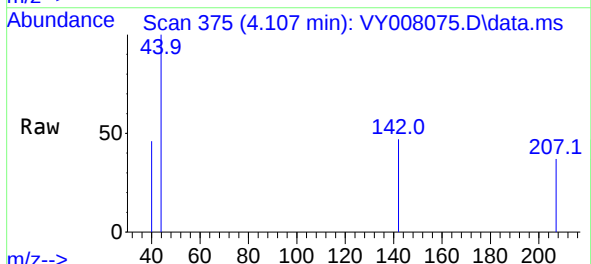
Instrument :
MSVOA_Y
ClientSampleId :
CW-1

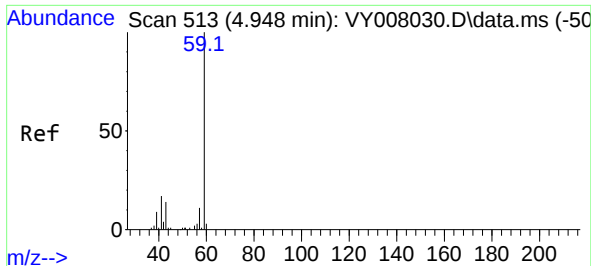
Tgt Ion: 94 Resp: 84
Ion Ratio Lower Upper
94 100
96 146.7 73.5 110.3#



#10
Methyl Iodide
Concen: 3.369 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY008075.D
Acq: 28 Mar 2022 19:24

Tgt Ion: 142 Resp: 155
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: 3.015 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY008075.D

Acq: 28 Mar 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

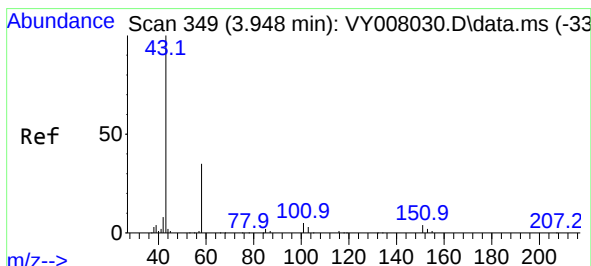
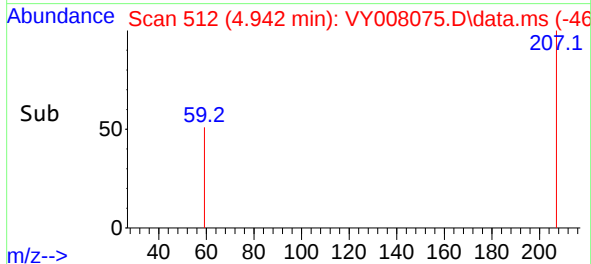
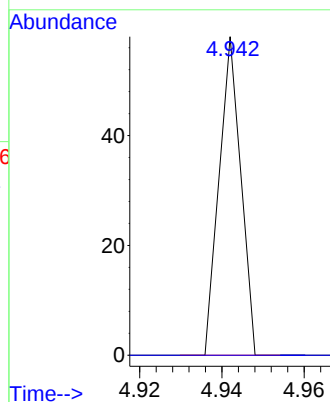
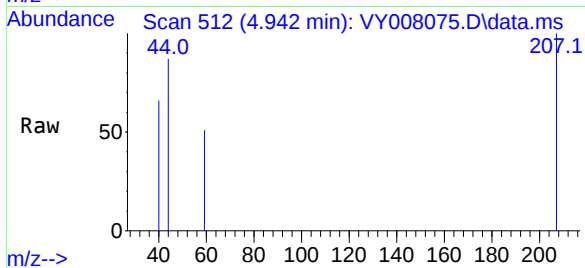
CW-1

Tgt Ion: 59 Resp: 21

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 18.704 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.012 min

Lab File: VY008075.D

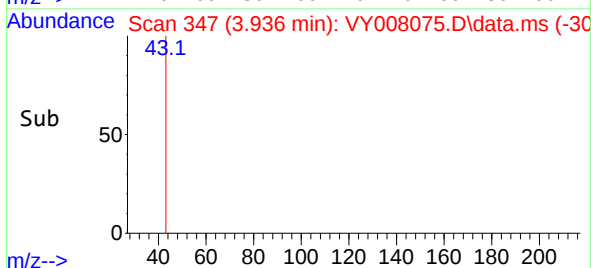
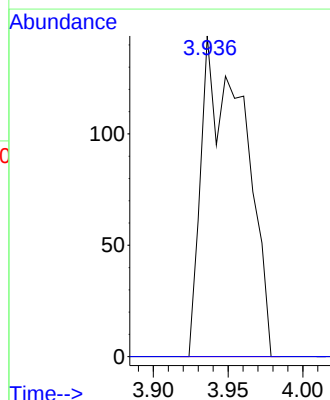
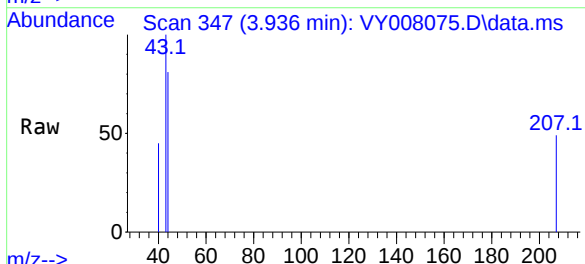
Acq: 28 Mar 2022 19:24

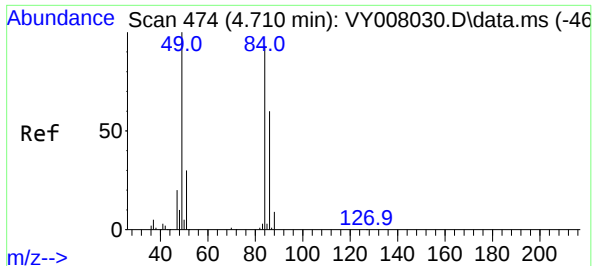
Tgt Ion: 43 Resp: 287

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#

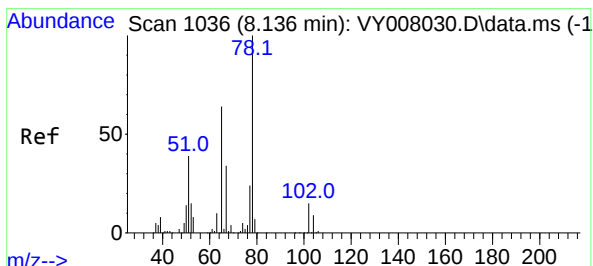
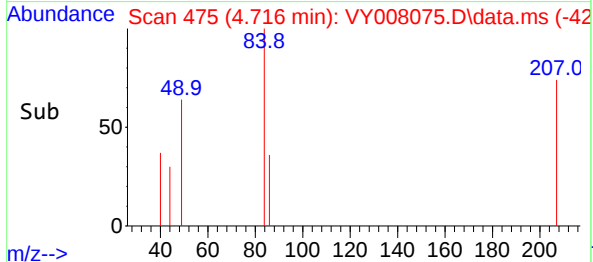
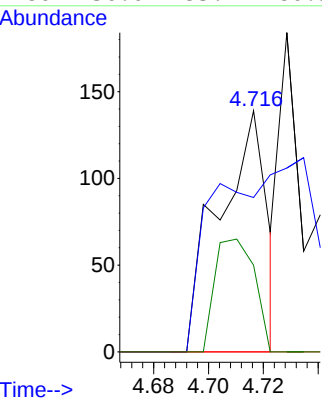
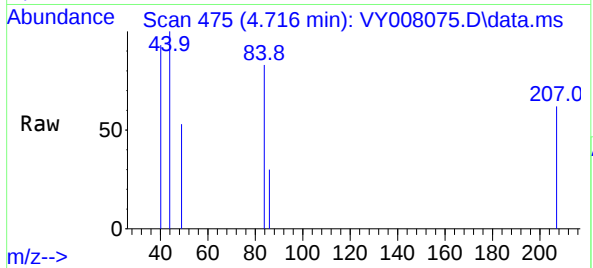




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008075.D
Acq: 28 Mar 2022 19:24

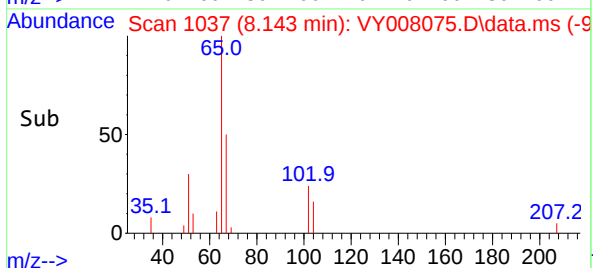
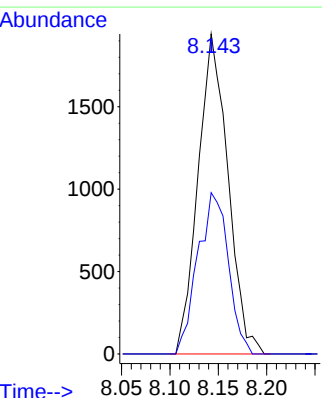
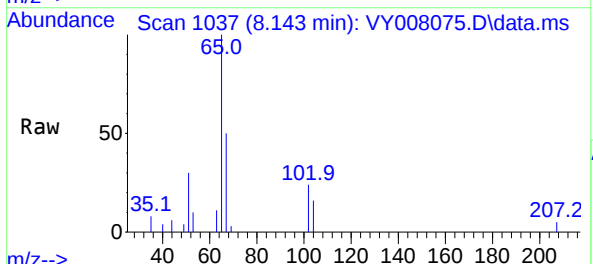
Instrument :
MSVOA_Y
ClientSampleId :
CW-1

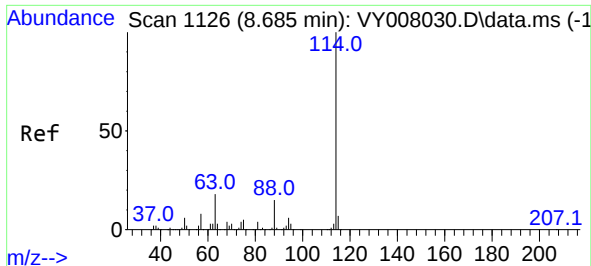
Tgt Ion: 84 Resp: 169
Ion Ratio Lower Upper
84 100
49 64.0 114.4 171.6#
51 0.0 35.3 52.9#
86 36.0 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 62.252 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008075.D
Acq: 28 Mar 2022 19:24

Tgt Ion: 65 Resp: 4179
Ion Ratio Lower Upper
65 100
67 51.4 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: VY008075.D

Acq: 28 Mar 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

CW-1

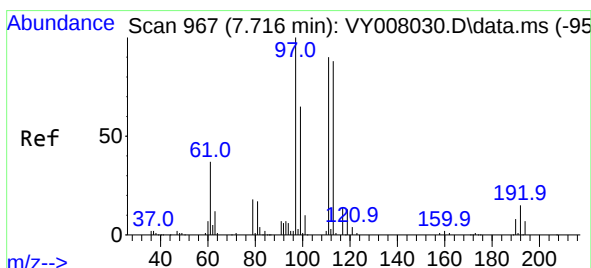
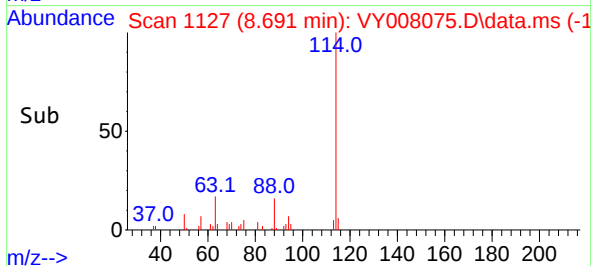
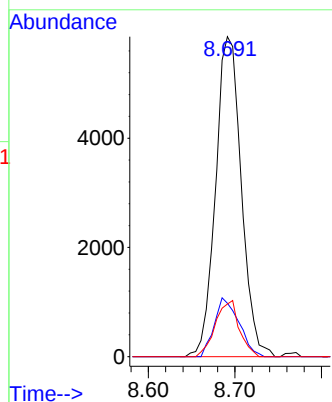
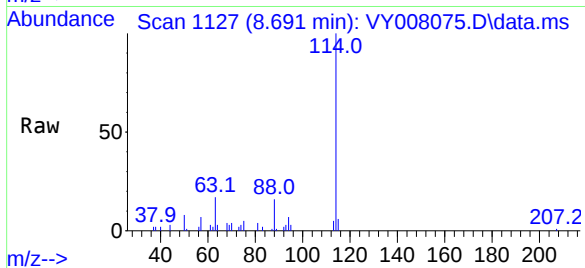
Tgt Ion:114 Resp: 12063

Ion Ratio Lower Upper

114 100

63 16.7 0.0 43.2

88 16.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.252 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008075.D

Acq: 28 Mar 2022 19:24

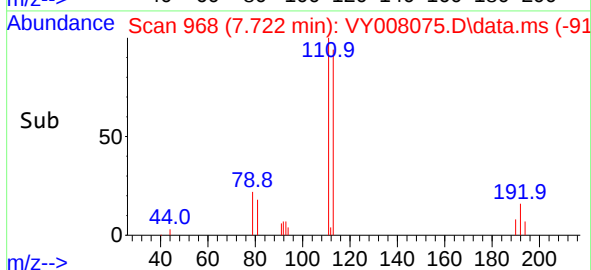
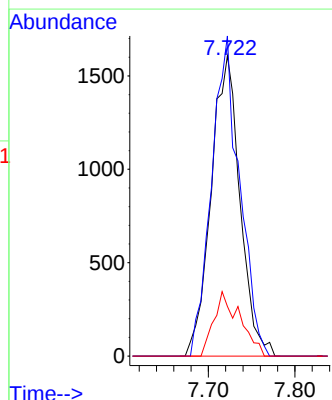
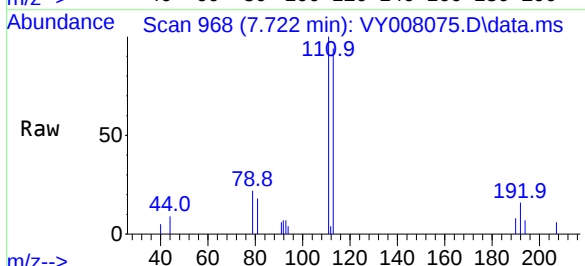
Tgt Ion:113 Resp: 3725

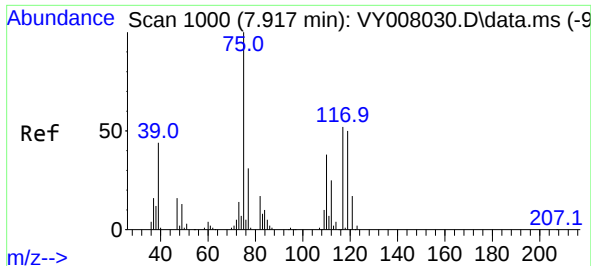
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 19.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.200 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY008075.D

Acq: 28 Mar 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

CW-1

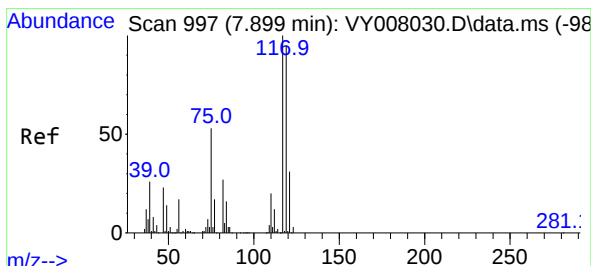
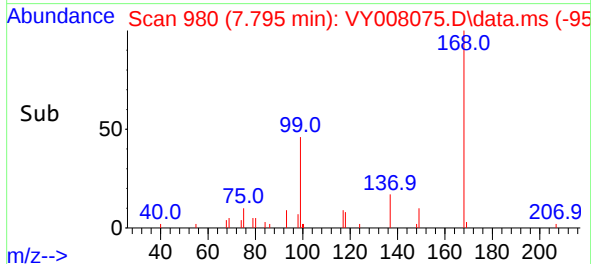
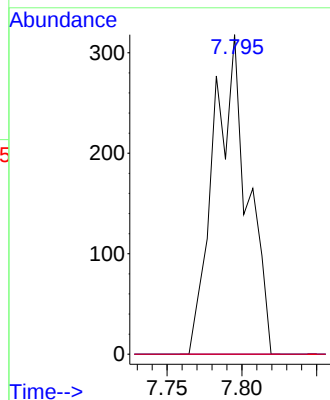
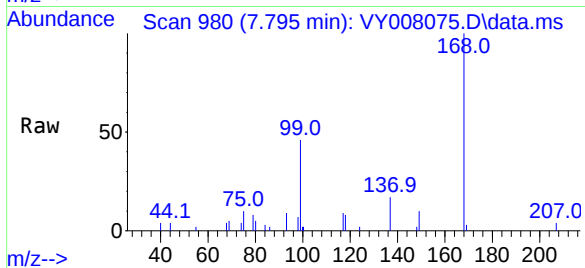
Tgt Ion: 75 Resp: 499

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.912 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008075.D

Acq: 28 Mar 2022 19:24

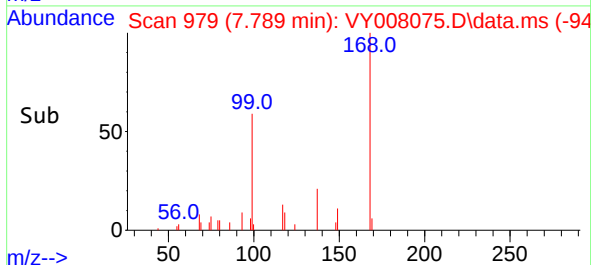
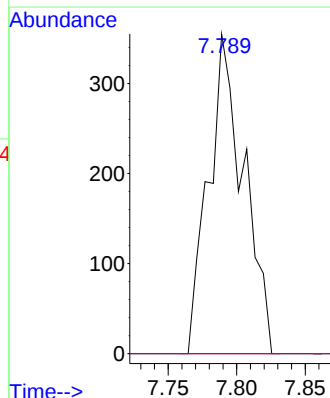
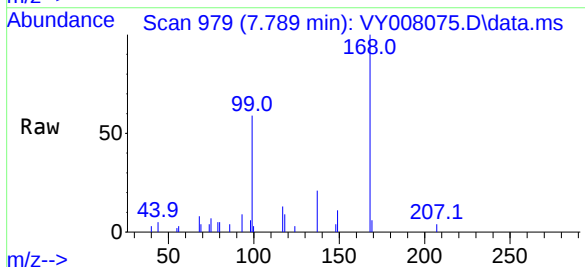
Tgt Ion: 117 Resp: 636

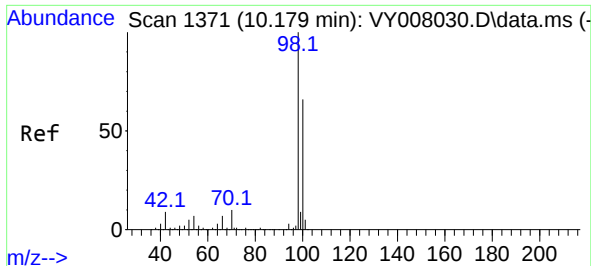
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

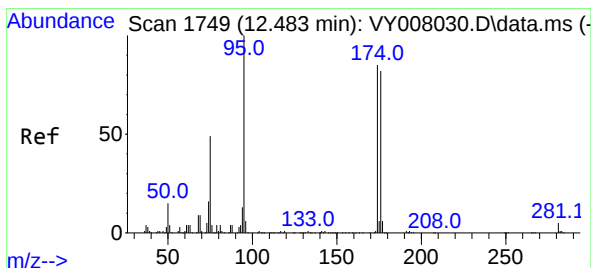
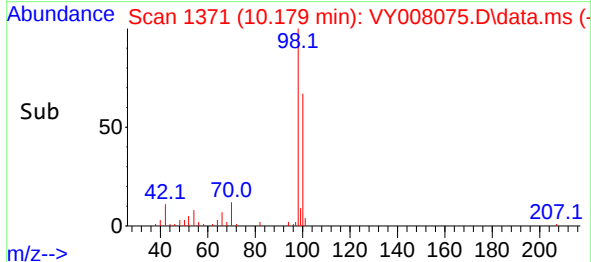
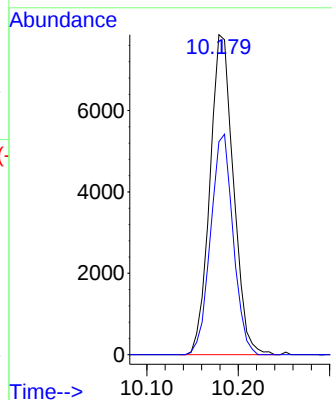
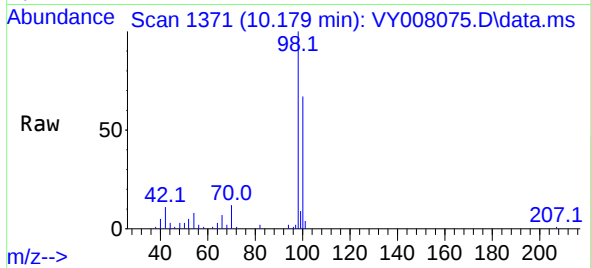




#50
Toluene-d8
Concen: 49.403 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008075.D
Acq: 28 Mar 2022 19:24

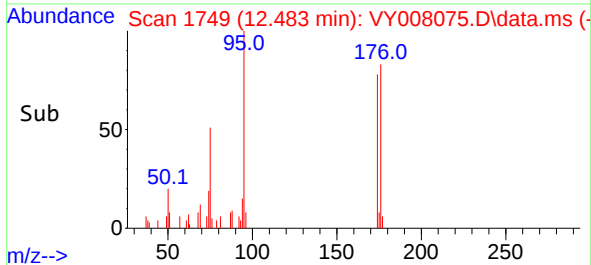
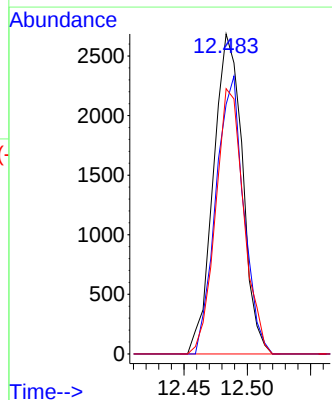
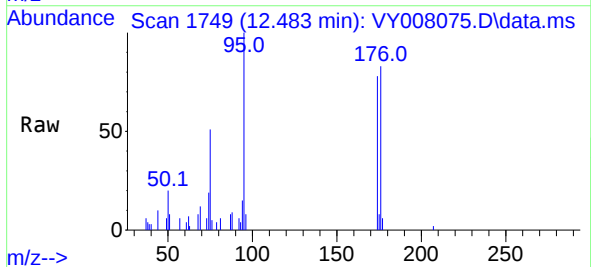
Instrument :
MSVOA_Y
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CW-1

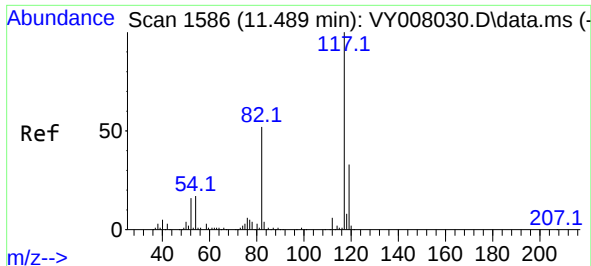
Tgt Ion: 98 Resp: 14077
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.615 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008075.D
Acq: 28 Mar 2022 19:24

Tgt Ion: 95 Resp: 4284
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 80.6 0.0 175.8

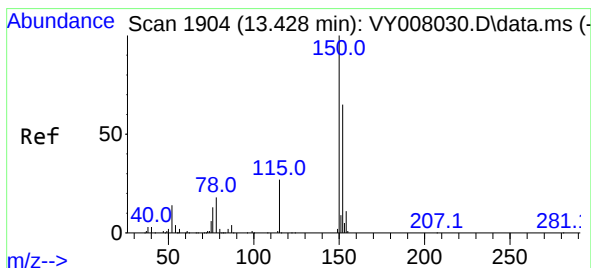
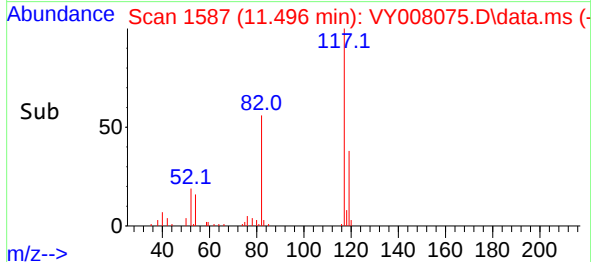
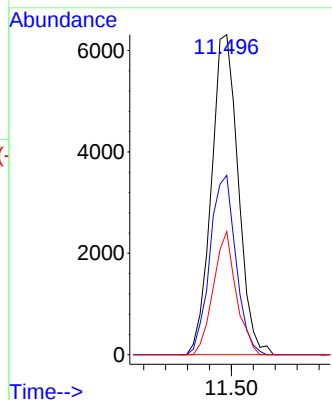
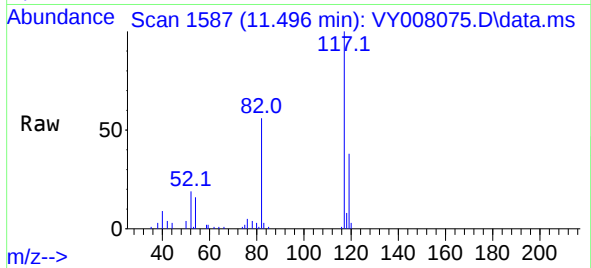




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1158
Delta R.T. 0.007 min
Lab File: VY008075.D
Acq: 28 Mar 2022 19:24

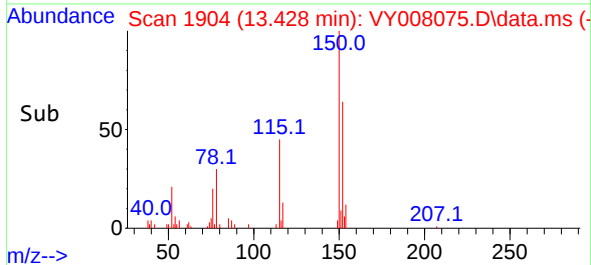
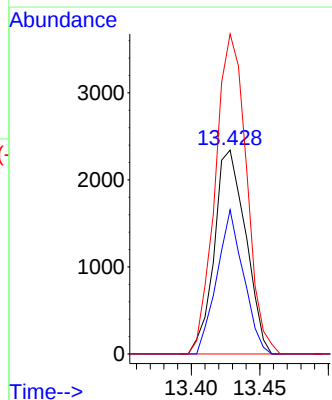
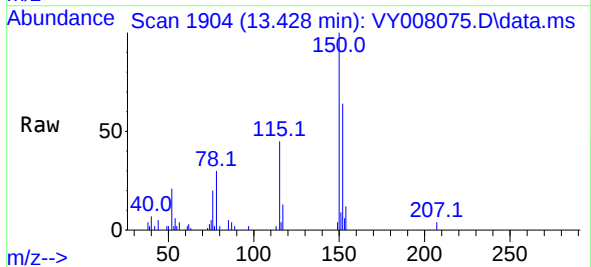
Instrument :
MSVOA_Y
ClientSampleId :
CW-1

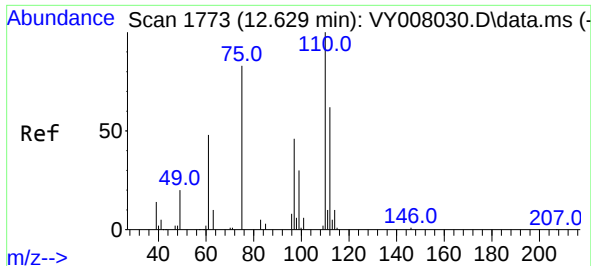
Tgt Ion:117 Resp: 10740
Ion Ratio Lower Upper
117 100
82 56.1 43.0 64.4
119 38.5 25.4 38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008075.D
Acq: 28 Mar 2022 19:24

Tgt Ion:152 Resp: 3738
Ion Ratio Lower Upper
152 100
115 59.9 28.2 84.7
150 155.8 0.0 347.6

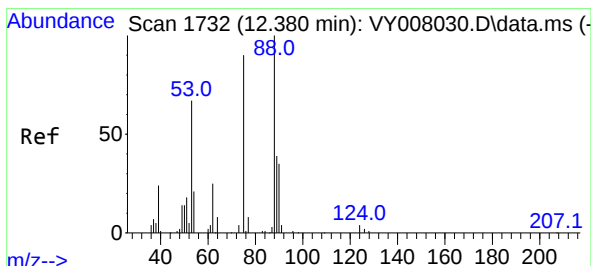
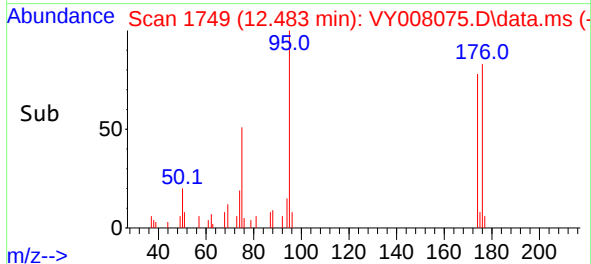
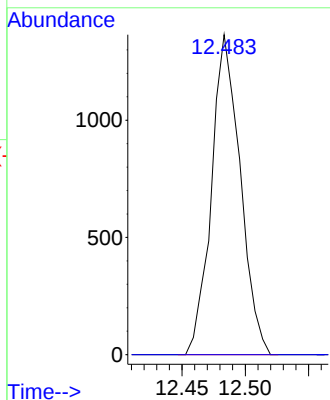
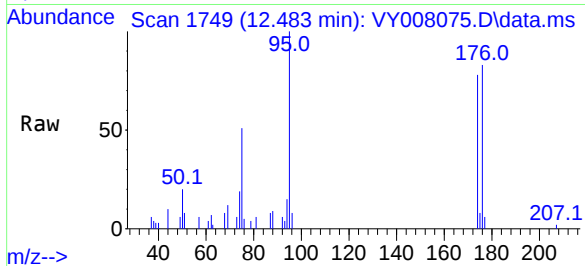




#76
1,2,3-Trichloropropane
Concen: 47.447 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008075.D
Acq: 28 Mar 2022 19:24

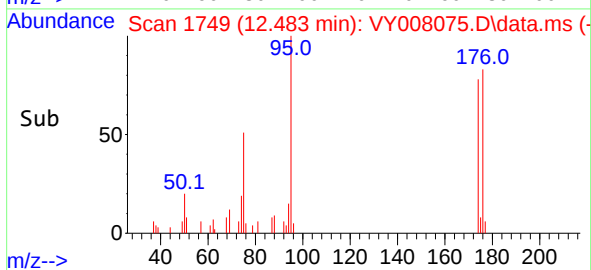
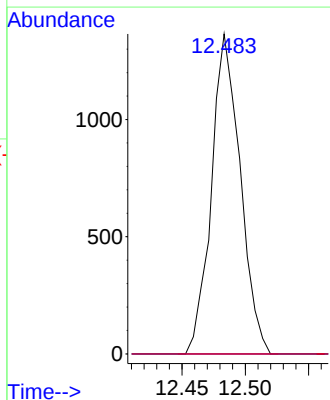
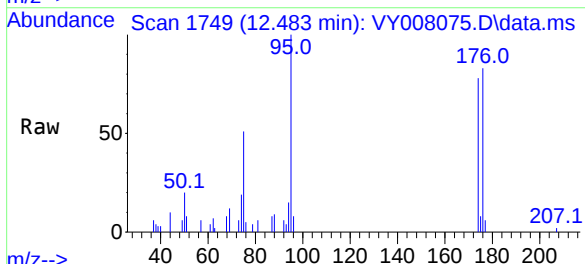
Instrument :
MSVOA_Y
ClientSampleId :
CW-1

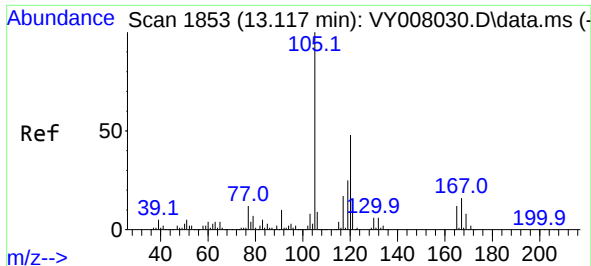
Tgt Ion: 75 Resp: 2162
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 105.862 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008075.D
Acq: 28 Mar 2022 19:24

Tgt Ion: 75 Resp: 2162
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

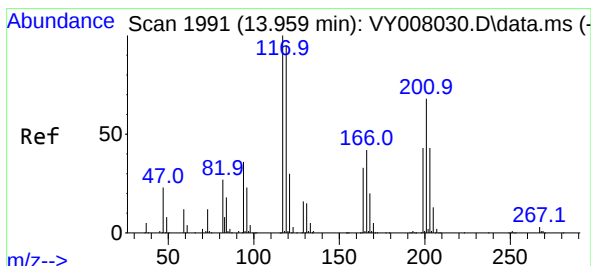
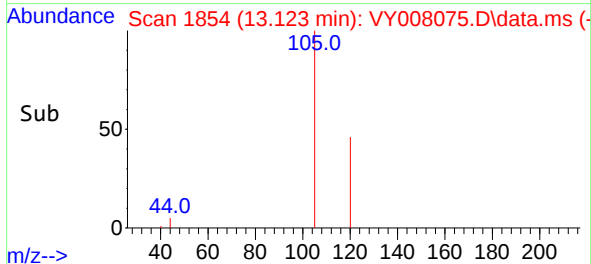
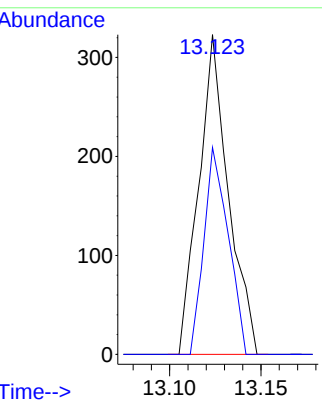
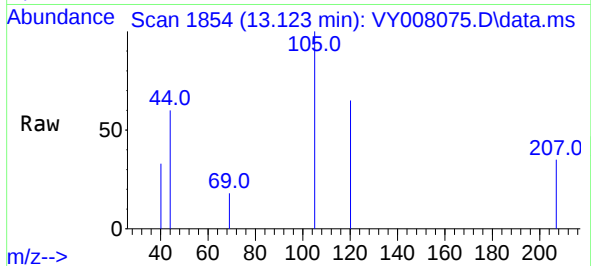




#84
1,2,4-Trimethylbenzene
Concen: 1.479 ug/l
RT: 13.123 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008075.D
Acq: 28 Mar 2022 19:24

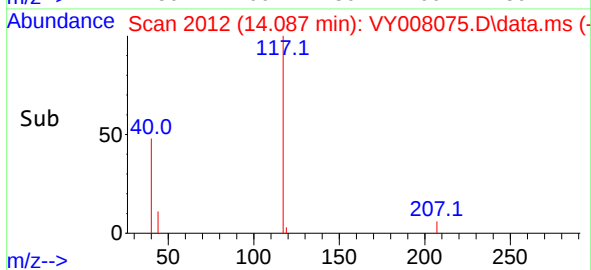
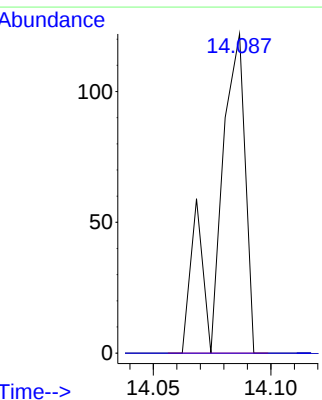
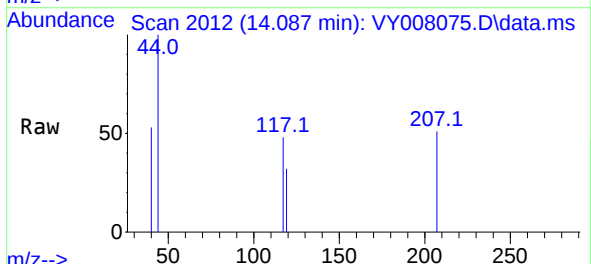
Instrument :
MSVOA_Y
ClientSampleId :
CW-1

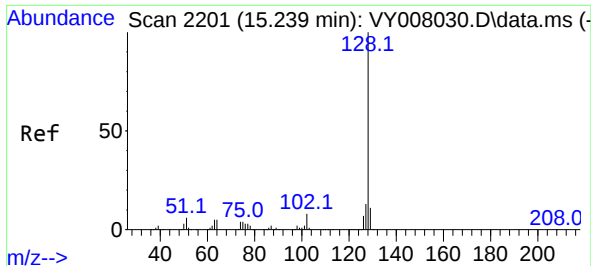
Tgt Ion:105 Resp: 364
Ion Ratio Lower Upper
105 100
120 52.7 22.3 66.9



#90
Hexachloroethane
Concen: 1.847 ug/l
RT: 14.087 min Scan# 2012
Delta R.T. 0.128 min
Lab File: VY008075.D
Acq: 28 Mar 2022 19:24

Tgt Ion:117 Resp: 99
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#





#95

Naphthalene

Concen: 1.706 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY008075.D

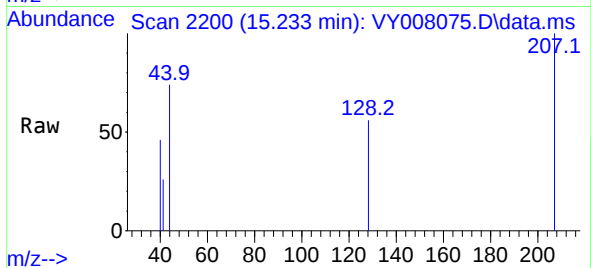
Acq: 28 Mar 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

CW-1



Tgt Ion:128 Resp: 279

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

