

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042922\
 Data File : VY008565.D
 Acq On : 29 Apr 2022 17:33
 Operator : KP/MD
 Sample : N2599-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 M-1RE

Quant Time: Apr 30 00:39:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

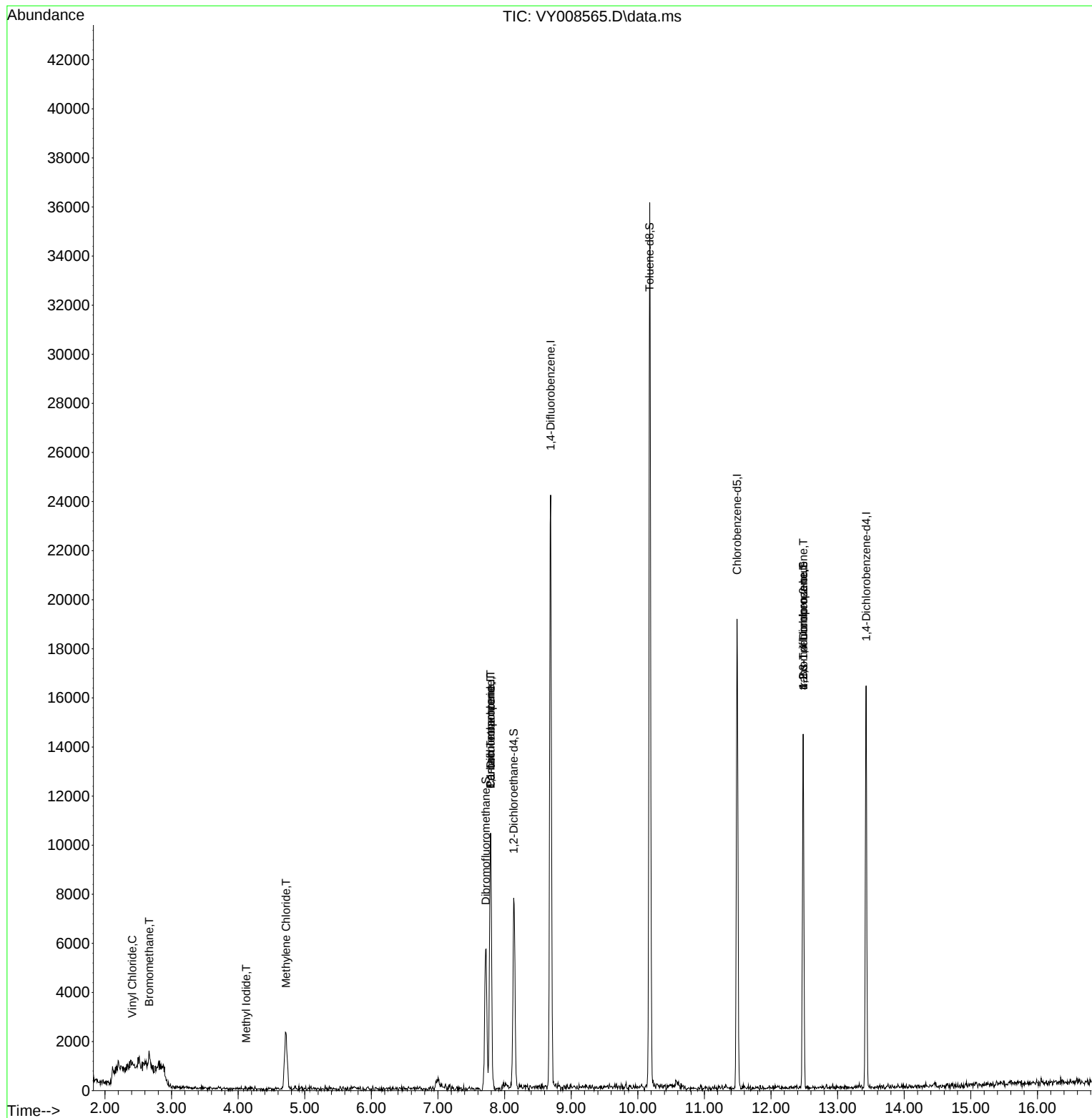
Internal Standards						
1) Pentafluorobenzene	7.789	168	8468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	22446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	11310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5898	59.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.400%
35) Dibromofluoromethane	7.716	113	4133	28.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	57.060%
50) Toluene-d8	10.179	98	25282	44.063	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.120%
62) 4-Bromofluorobenzene	12.483	95	4361	22.357	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	44.720%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.412	62	159	1.011	ug/l #	43
5) Bromomethane	2.662	94	345	2.360	ug/l #	73
10) Methyl Iodide	4.119	142	124	2.630	ug/l #	35
20) Methylene Chloride	4.716	84	1993	11.798	ug/l #	69
36) 1,1-Dichloropropene	7.789	75	584	2.534	ug/l #	42
38) Carbon Tetrachloride	7.789	117	837	3.496	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	2291	42.729	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2291	99.126	ug/l #	7

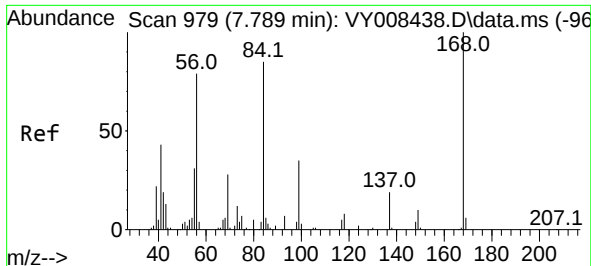
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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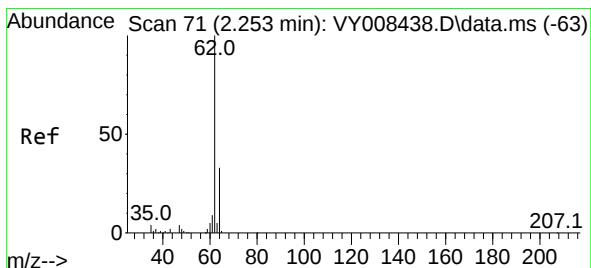
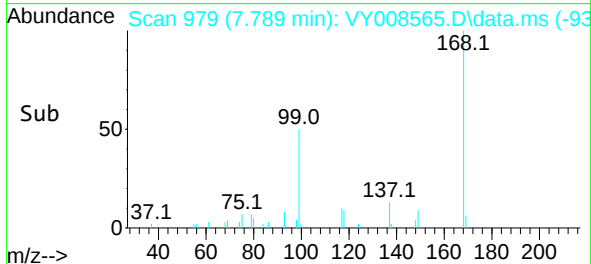
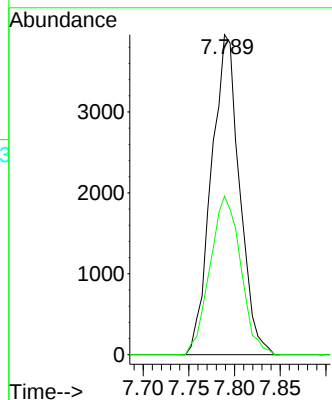
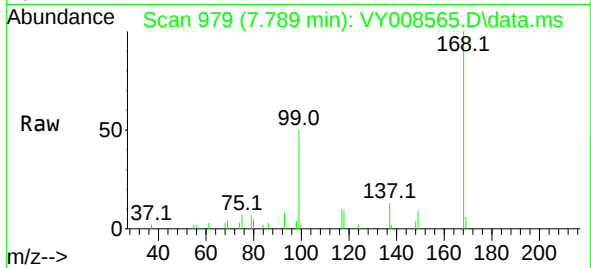




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008565.D
Acq: 29 Apr 2022 17:33

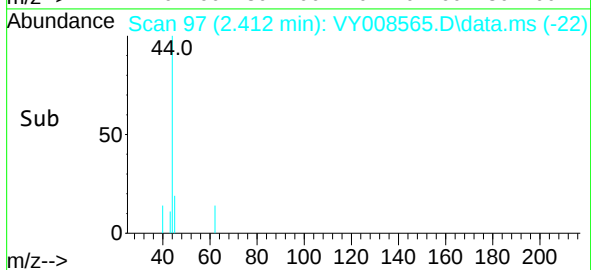
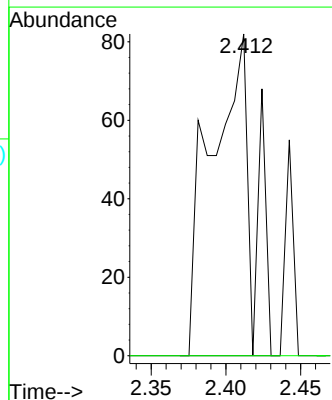
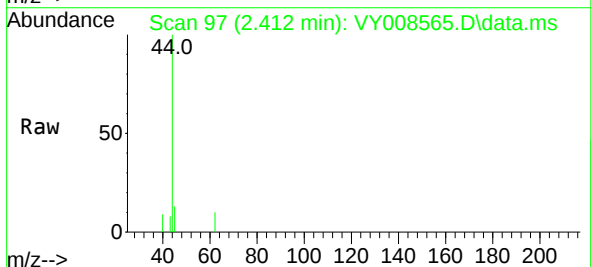
Instrument :
MSVOA_Y
ClientSampleId :
M-1RE

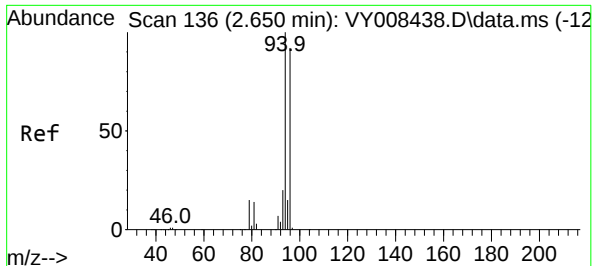
Tgt Ion:168 Resp: 8468
Ion Ratio Lower Upper
168 100
99 49.5 46.9 70.3



#4
Vinyl Chloride
Concen: 1.011 ug/l
RT: 2.412 min Scan# 97
Delta R.T. 0.159 min
Lab File: VY008565.D
Acq: 29 Apr 2022 17:33

Tgt Ion: 62 Resp: 159
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

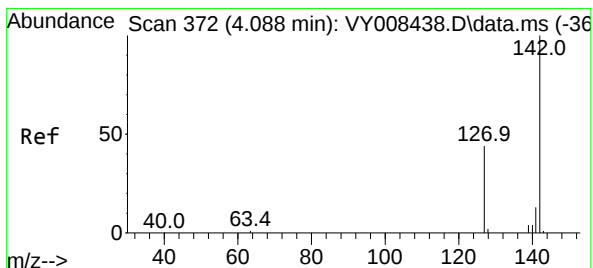
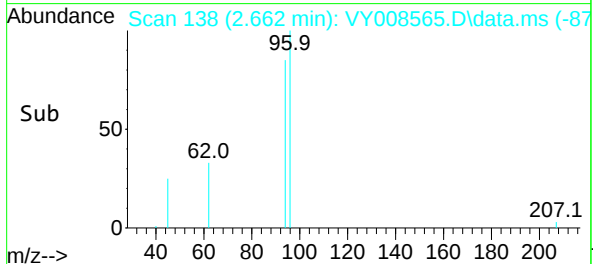
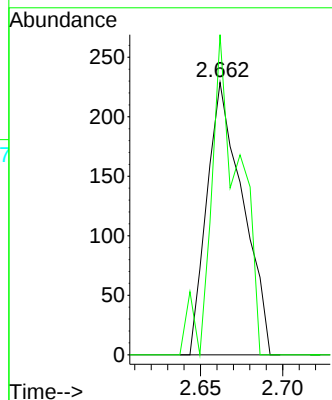
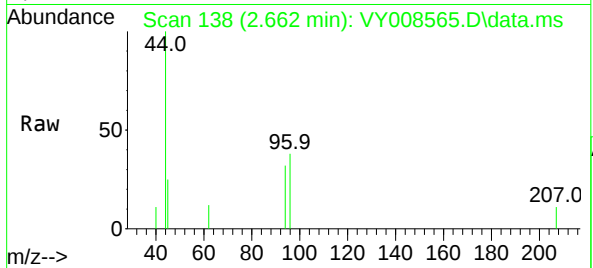




#5
Bromomethane
Concen: 2.360 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY008565.D
Acq: 29 Apr 2022 17:33

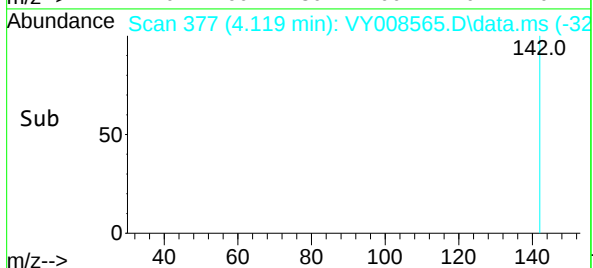
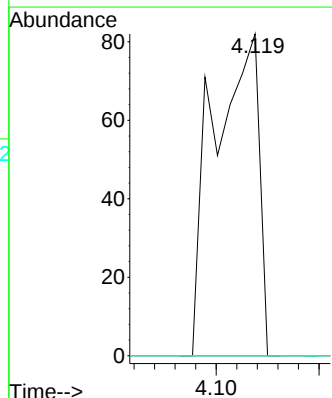
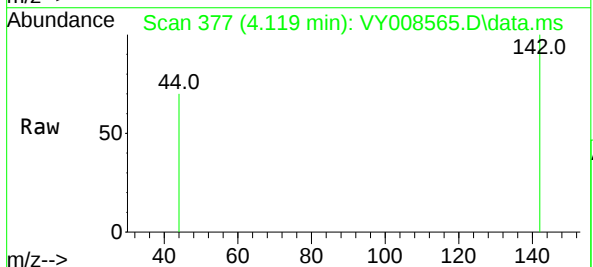
Instrument :
MSVOA_Y
ClientSampleId :
M-1RE

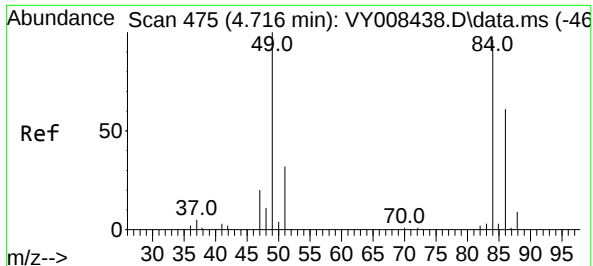
Tgt Ion: 94 Resp: 345
Ion Ratio Lower Upper
94 100
96 117.5 73.5 110.3#



#10
Methyl Iodide
Concen: 2.630 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.031 min
Lab File: VY008565.D
Acq: 29 Apr 2022 17:33

Tgt Ion: 142 Resp: 124
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#20

Methylene Chloride

Concen: 11.798 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY008565.D

Acq: 29 Apr 2022 17:33

Instrument :

MSVOA_Y

ClientSampleId :

M-1RE

Tgt Ion: 84 Resp: 1993

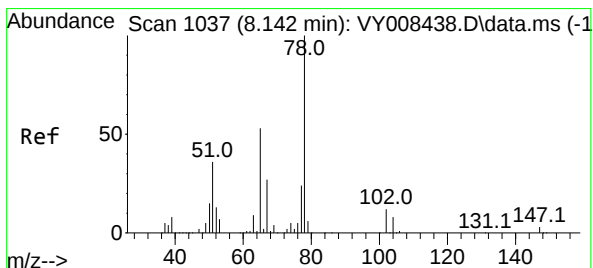
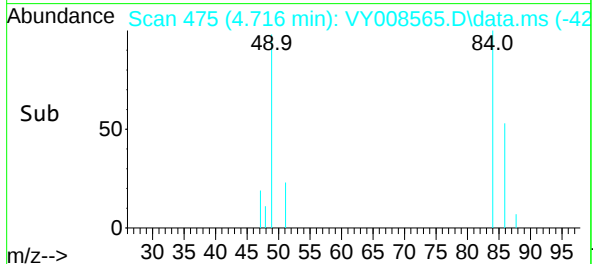
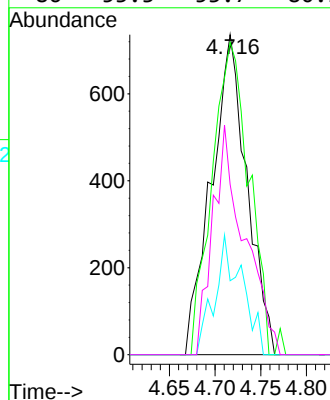
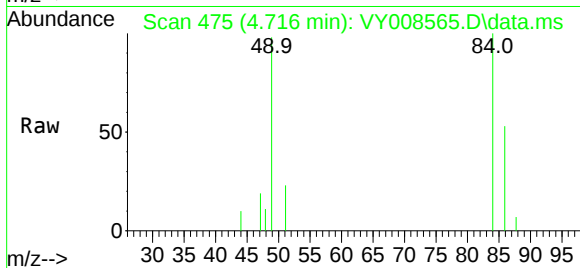
Ion Ratio Lower Upper

84 100

49 97.6 114.4 171.6#

51 23.1 35.3 52.9#

86 53.3 53.7 80.5#



#33

1,2-Dichloroethane-d4

Concen: 59.195 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008565.D

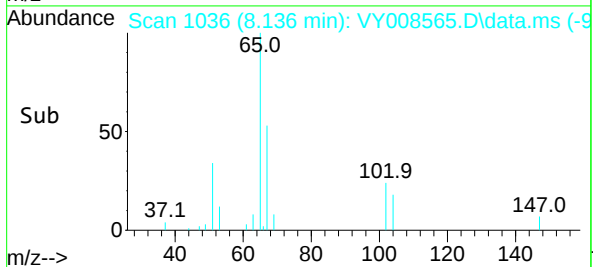
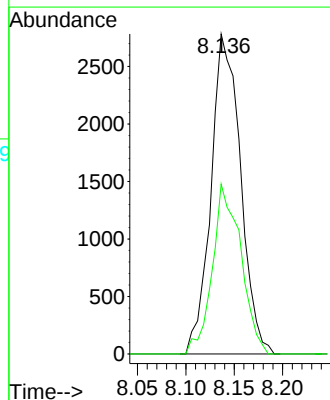
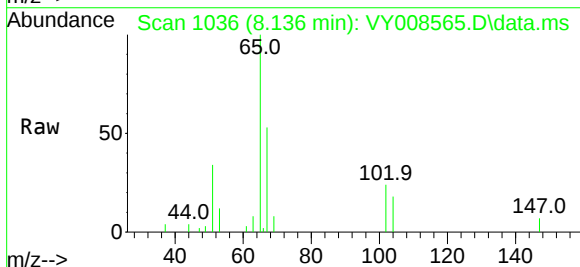
Acq: 29 Apr 2022 17:33

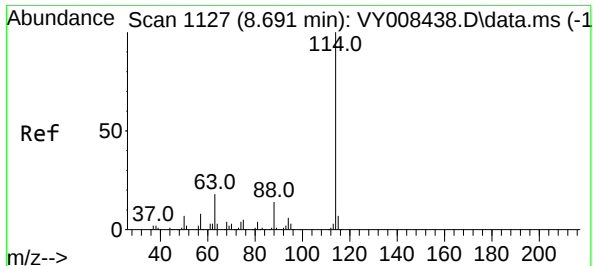
Tgt Ion: 65 Resp: 5898

Ion Ratio Lower Upper

65 100

67 51.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008565.D

Acq: 29 Apr 2022 17:33

Instrument :

MSVOA_Y

ClientSampleId :

M-1RE

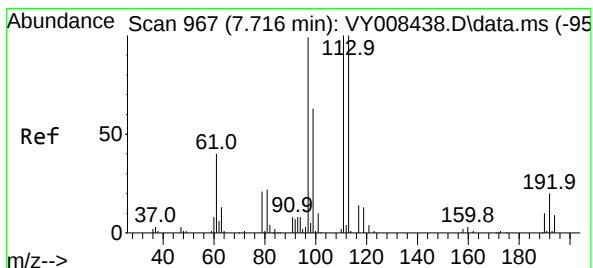
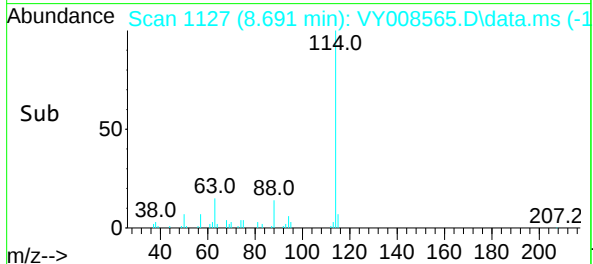
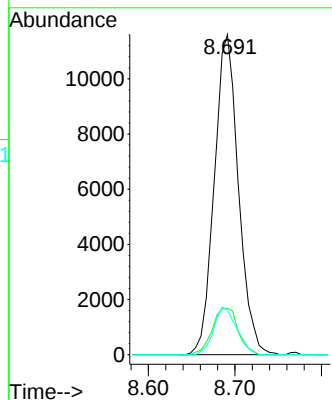
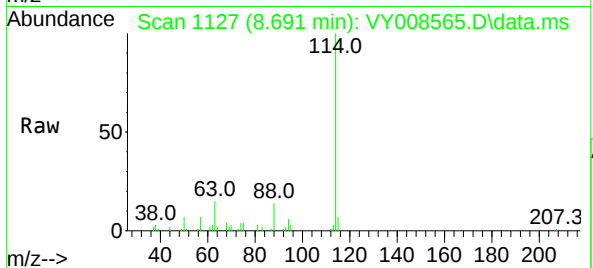
Tgt Ion:114 Resp: 22446

Ion Ratio Lower Upper

114 100

63 14.5 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 28.531 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008565.D

Acq: 29 Apr 2022 17:33

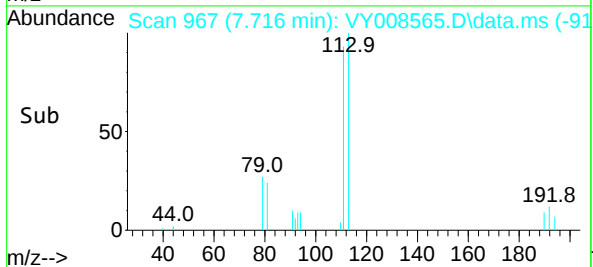
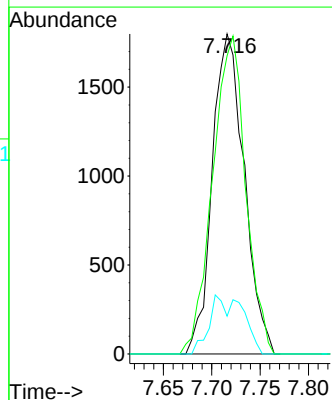
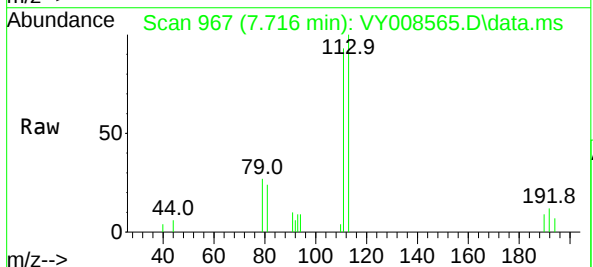
Tgt Ion:113 Resp: 4133

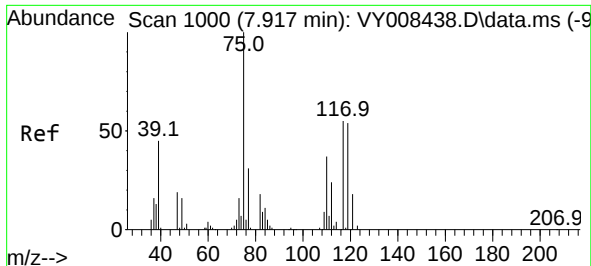
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 10.1 17.6 26.4#





#36

1,1-Dichloropropene

Concen: 2.534 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008565.D

Acq: 29 Apr 2022 17:33

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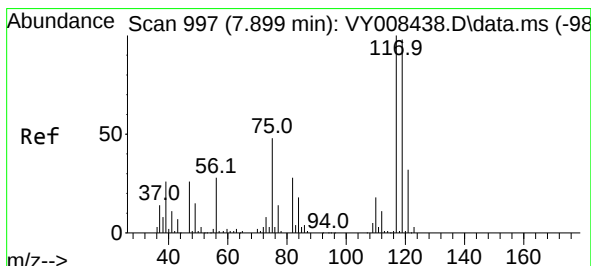
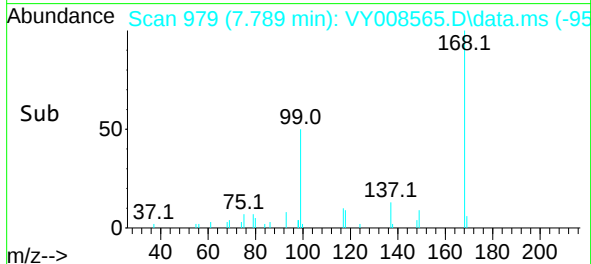
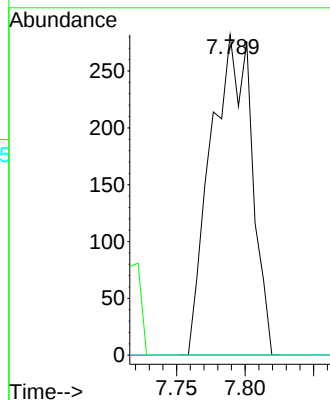
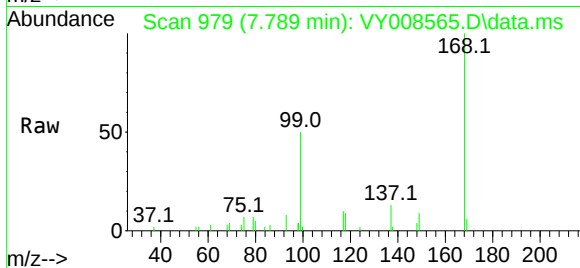
Tgt Ion: 75 Resp: 584

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 3.496 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008565.D

Acq: 29 Apr 2022 17:33

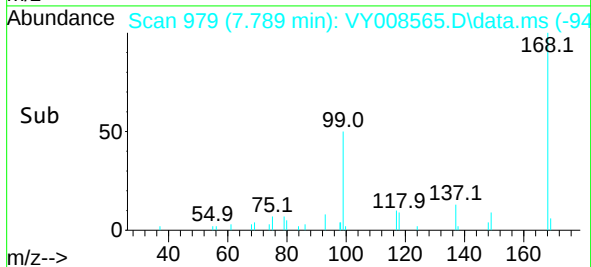
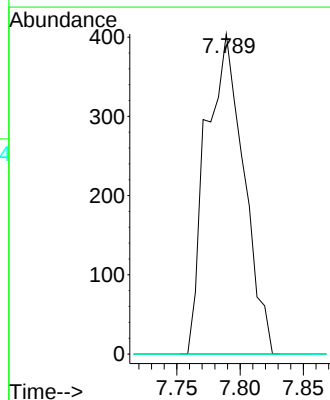
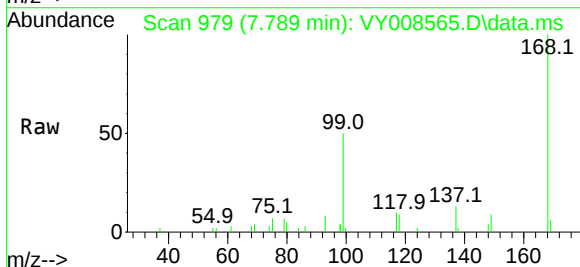
Tgt Ion: 117 Resp: 837

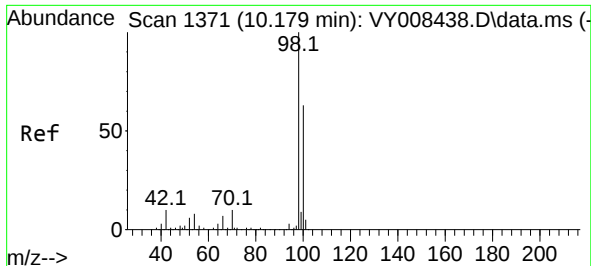
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

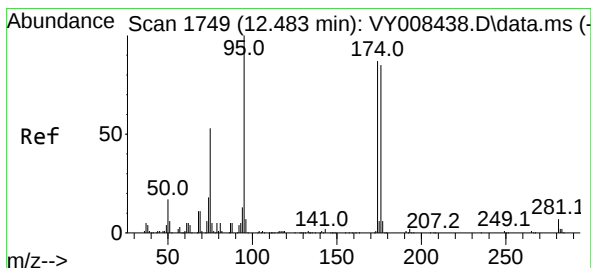
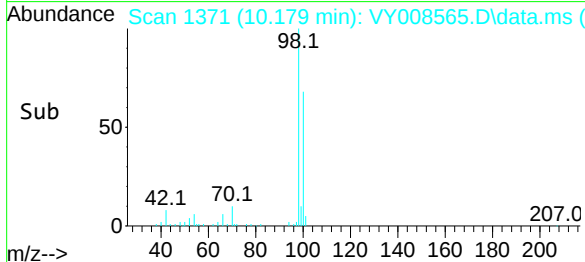
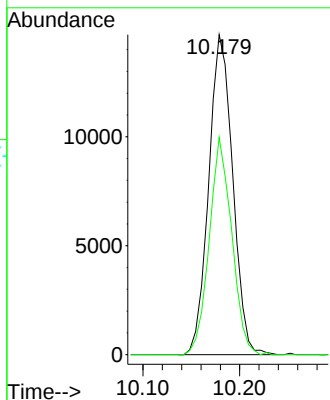
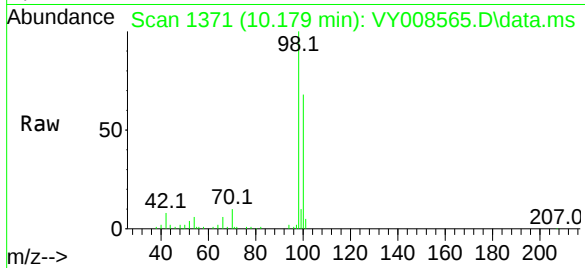




#50
Toluene-d8
Concen: 44.063 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008565.D
Acq: 29 Apr 2022 17:33

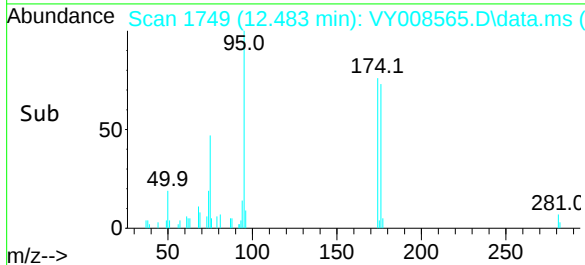
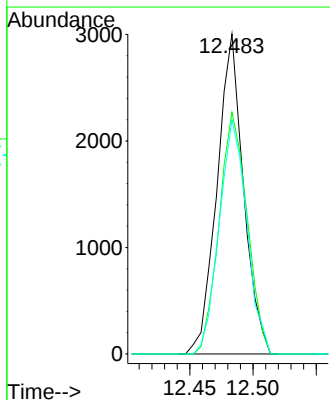
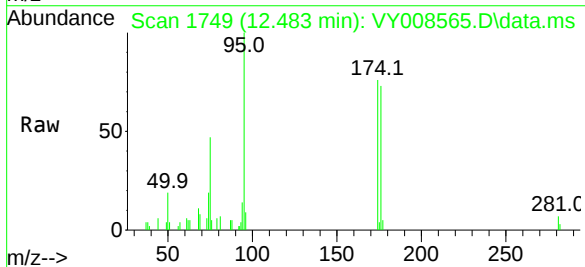
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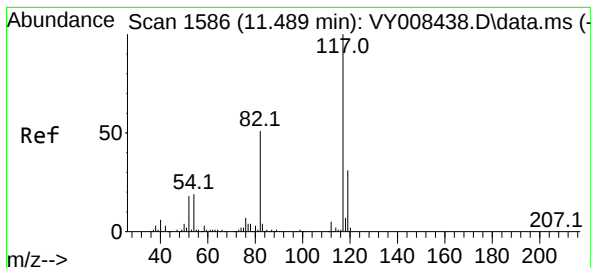
Tgt Ion: 98 Resp: 25282
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 22.357 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008565.D
Acq: 29 Apr 2022 17:33

Tgt Ion: 95 Resp: 4361
Ion Ratio Lower Upper
95 100
174 79.9 0.0 177.0
176 76.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY008565.D

Acq: 29 Apr 2022 17:33

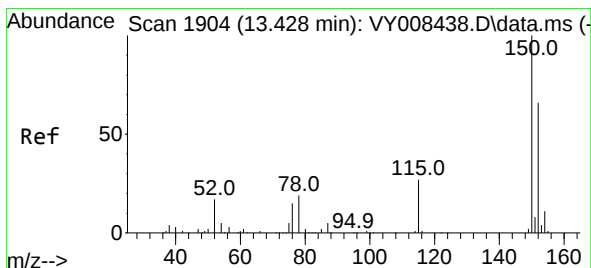
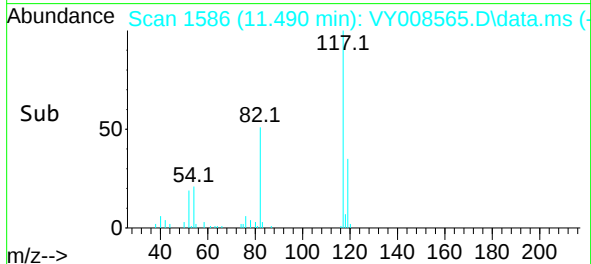
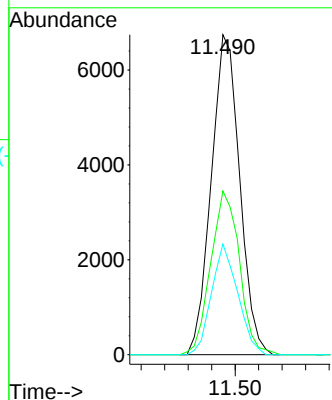
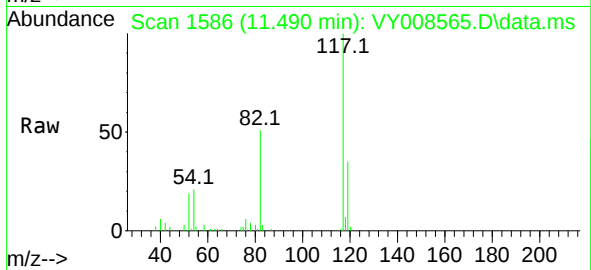
Instrument :

MSVOA_Y

ClientSampleId :

M-1RE

Tgt Ion:117	Resp:	11310
Ion	Ratio	Lower Upper
117	100	
82	51.2	43.0 64.4
119	34.5	25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

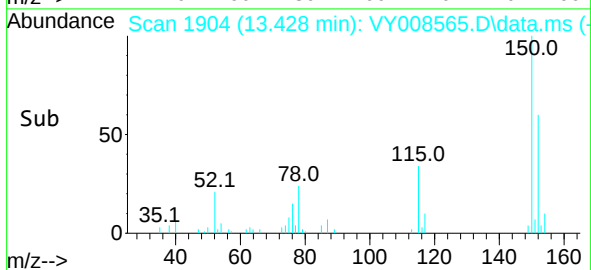
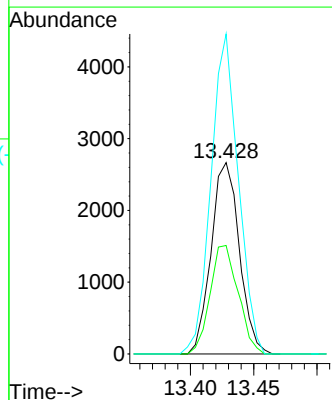
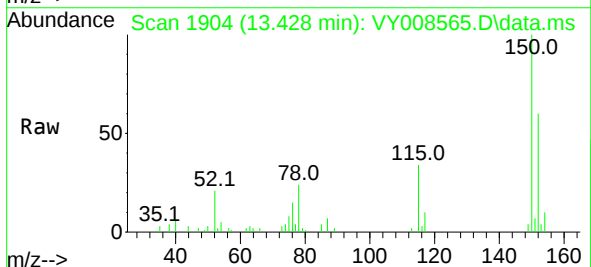
RT: 13.428 min Scan# 1904

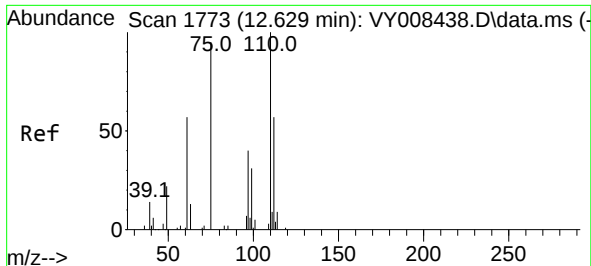
Delta R.T. 0.000 min

Lab File: VY008565.D

Acq: 29 Apr 2022 17:33

Tgt Ion:152	Resp:	4143
Ion	Ratio	Lower Upper
152	100	
115	56.4	28.2 84.7
150	161.6	0.0 347.6

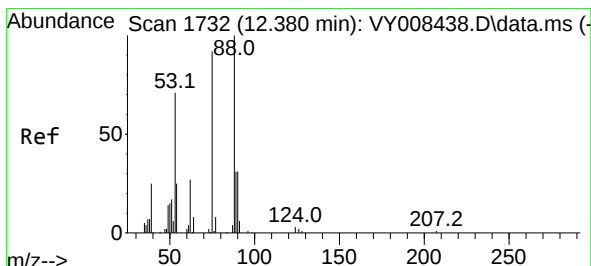
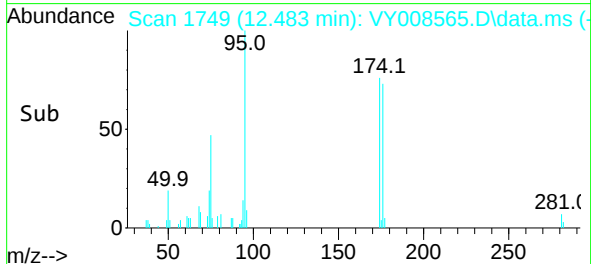
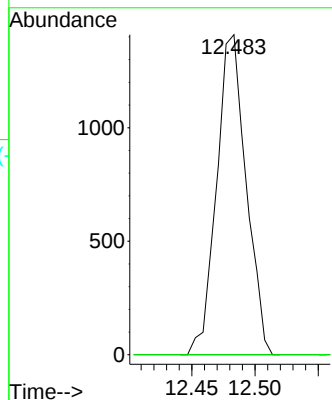
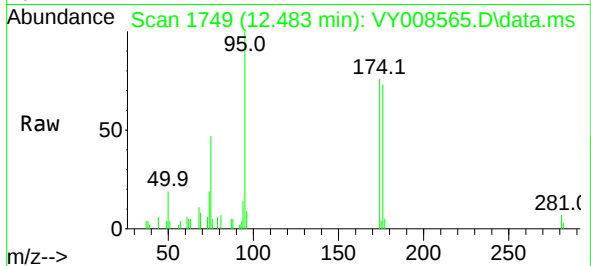




#76
1,2,3-Trichloropropane
Concen: 42.729 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008565.D
Acq: 29 Apr 2022 17:33

Instrument :
MSVOA_Y
ClientSampleId :
M-1RE

Tgt Ion: 75 Resp: 2291
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 99.126 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008565.D
Acq: 29 Apr 2022 17:33

Tgt Ion: 75 Resp: 2291
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

