

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008372.D
 Acq On : 18 Apr 2022 14:45
 Operator : KP/MD
 Sample : N2401-11RE
 Misc : 3.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DISP-1-6

Quant Time: Apr 19 06:29:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

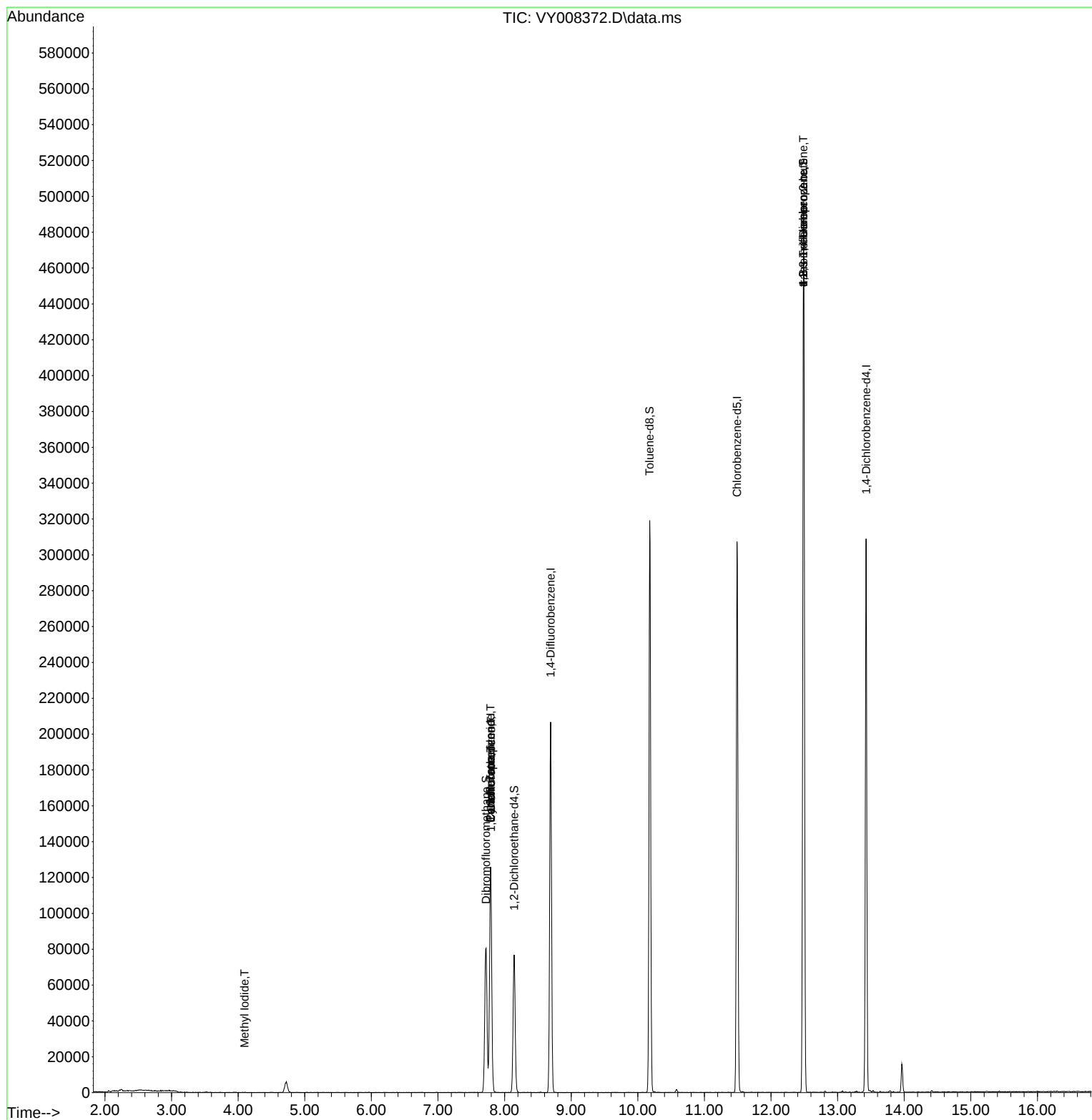
Internal Standards						
1) Pentafluorobenzene	7.789	168	98436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	181822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	172788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57622	62.319	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.640%	
35) Dibromofluoromethane	7.722	113	58348	55.560	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.120%	
50) Toluene-d8	10.179	98	218044	60.678	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 121.360%	
62) 4-Bromofluorobenzene	12.483	95	75611	55.942	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	228	Below Cal	#	44
5) Bromomethane	2.662	94	204	Below Cal	#	58
10) Methyl Iodide	4.094	142	24	2.410	ug/l #	35
18) Methyl Acetate	4.490	43	248	Below Cal	#	72
20) Methylene Chloride	4.722	84	4978	Below Cal	#	76
31) Cyclohexane	7.789	56	1997	1.194	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7588	4.525	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9688	5.370	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	42849	50.248	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42849	112.428	ug/l #	8

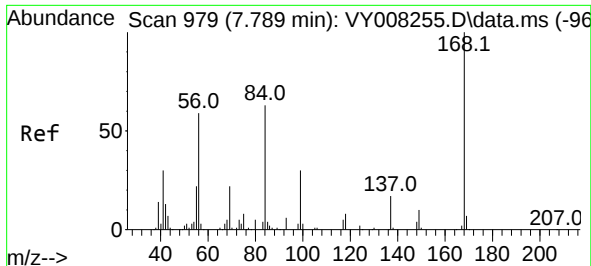
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 19 06:29:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
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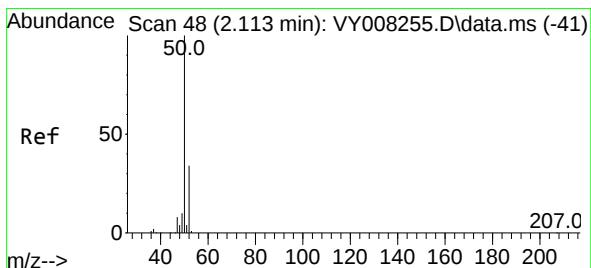
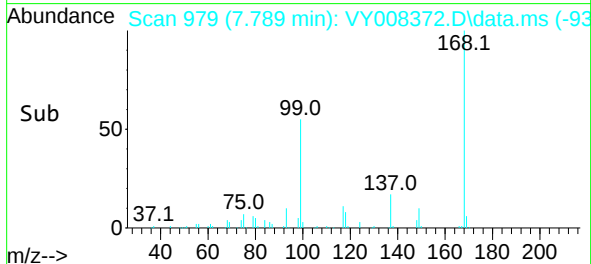
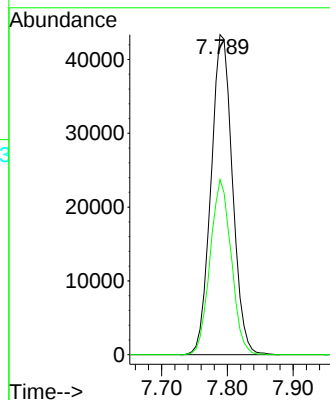
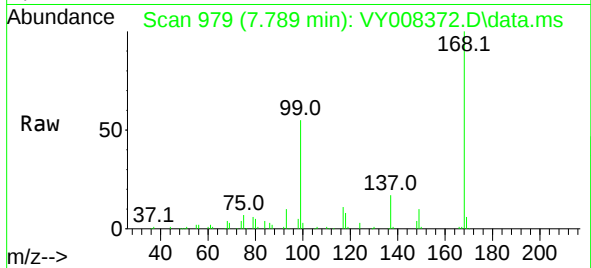




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008372.D
Acq: 18 Apr 2022 14:45

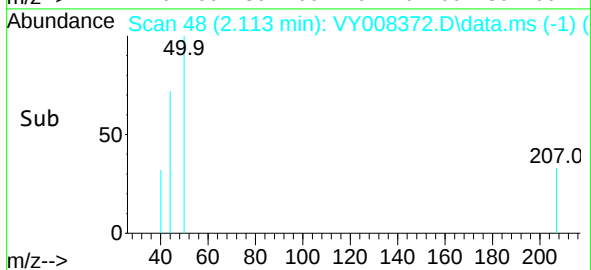
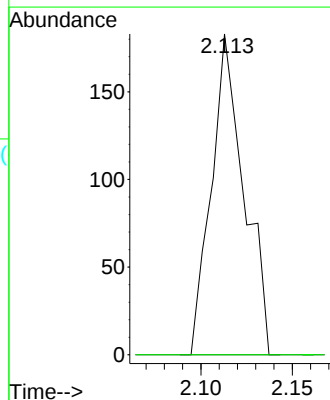
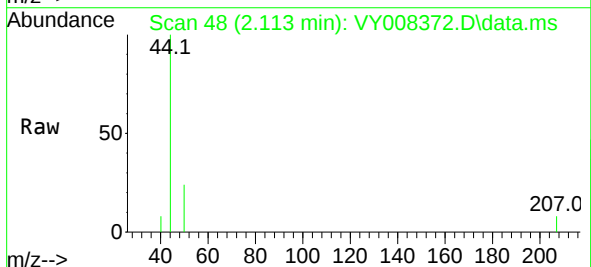
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1-6

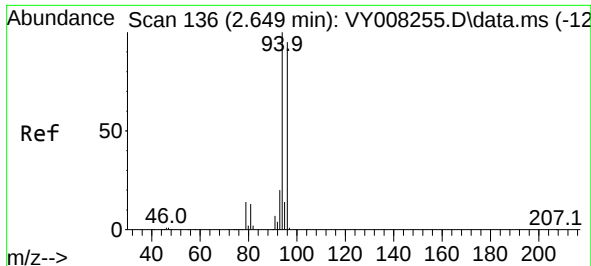
Tgt Ion:168 Resp: 98436
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY008372.D
Acq: 18 Apr 2022 14:45

Tgt Ion: 50 Resp: 228
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

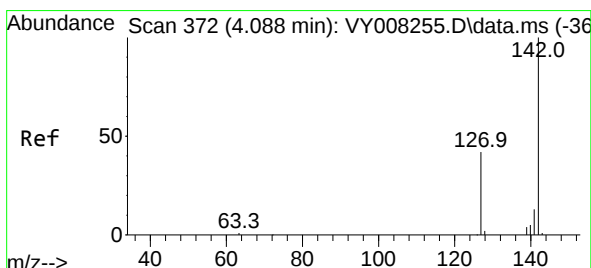
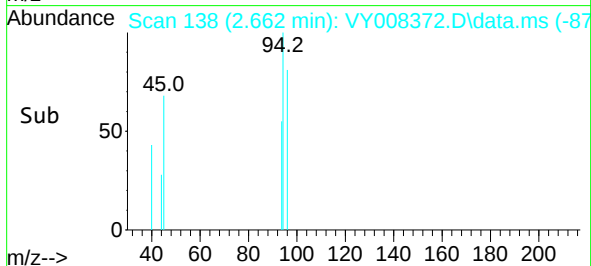
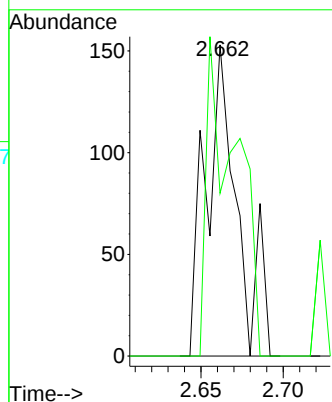
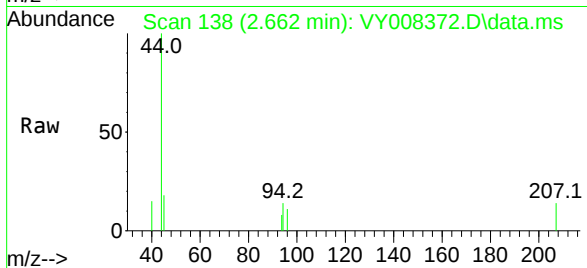




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008372.D
Acq: 18 Apr 2022 14:45

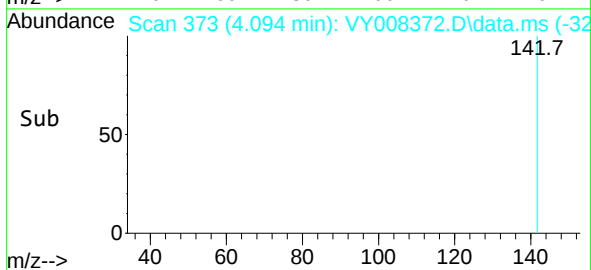
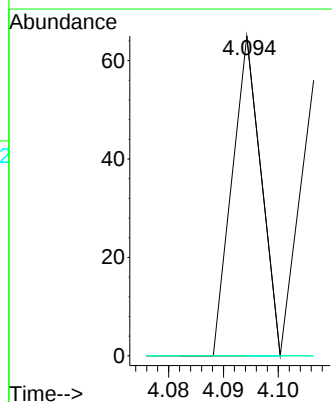
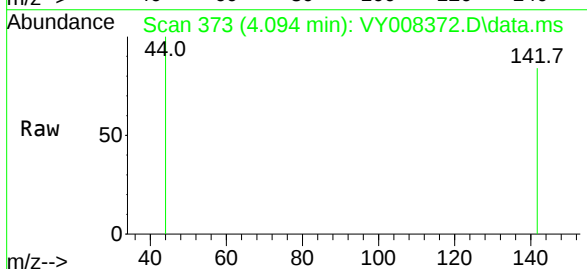
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1-6

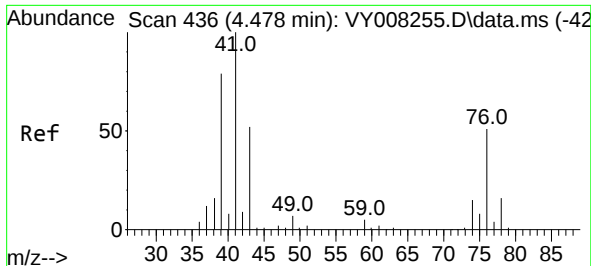
Tgt Ion: 94 Resp: 204
Ion Ratio Lower Upper
94 100
96 52.3 73.5 110.3#



#10
Methyl Iodide
Concen: 2.410 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008372.D
Acq: 18 Apr 2022 14:45

Tgt Ion:142 Resp: 24
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

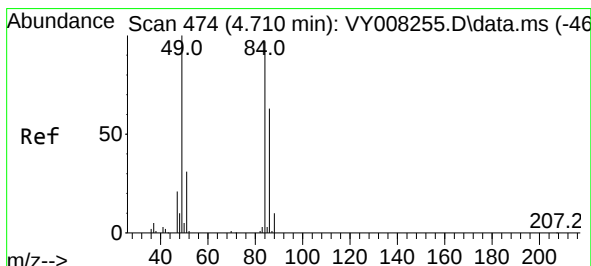
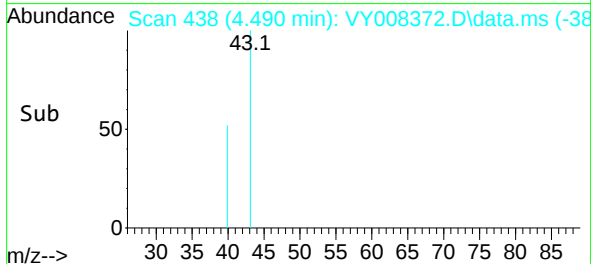
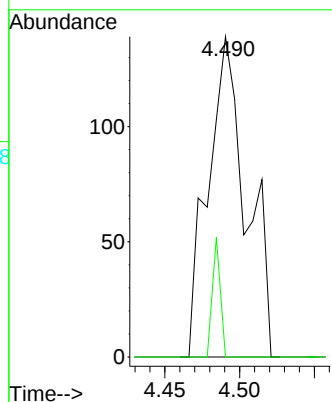
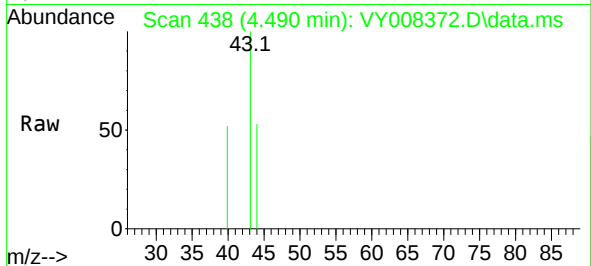




#18
Methyl Acetate
Concen: Below Cal
RT: 4.490 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY008372.D
Acq: 18 Apr 2022 14:45

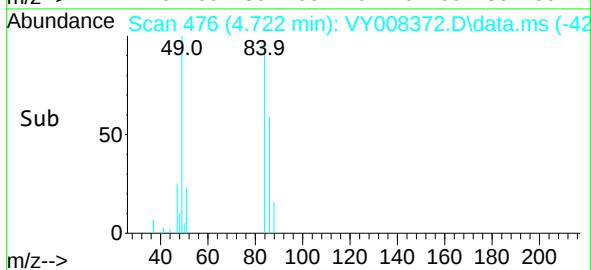
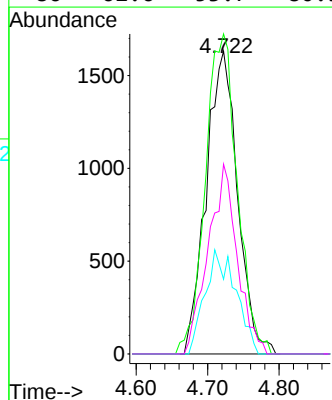
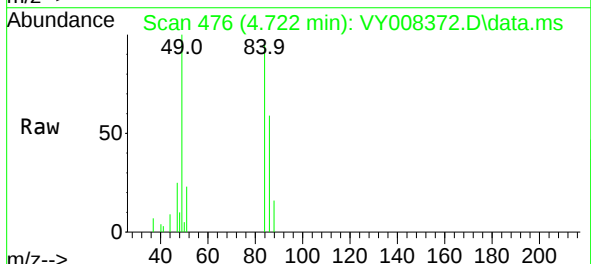
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1-6

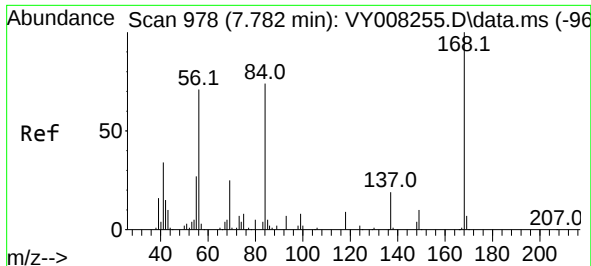
Tgt Ion: 43 Resp: 248
Ion Ratio Lower Upper
43 100
74 7.7 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008372.D
Acq: 18 Apr 2022 14:45

Tgt Ion: 84 Resp: 4978
Ion Ratio Lower Upper
84 100
49 105.6 114.4 171.6#
51 24.6 35.3 52.9#
86 62.6 53.7 80.5

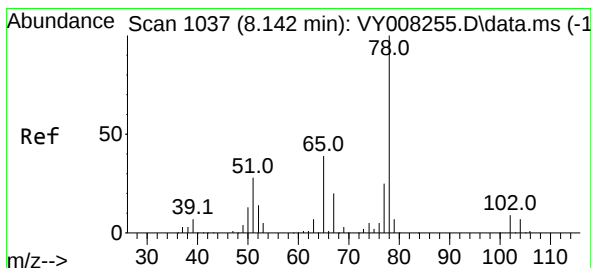
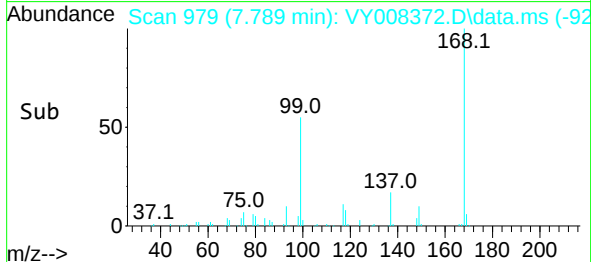
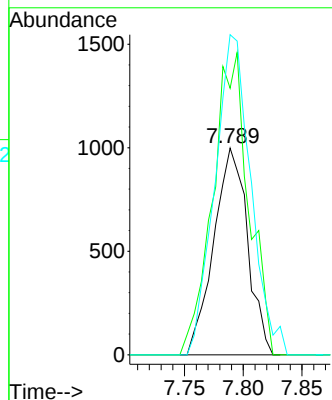
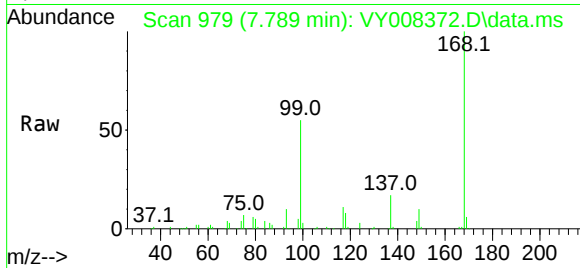




#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008372.D
Acq: 18 Apr 2022 14:45

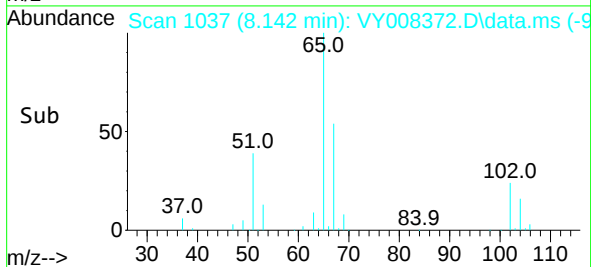
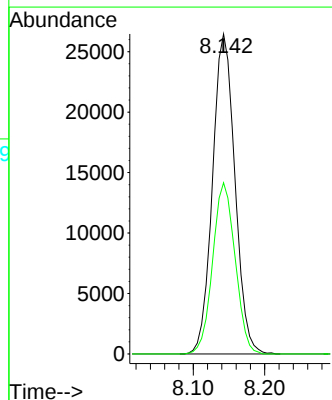
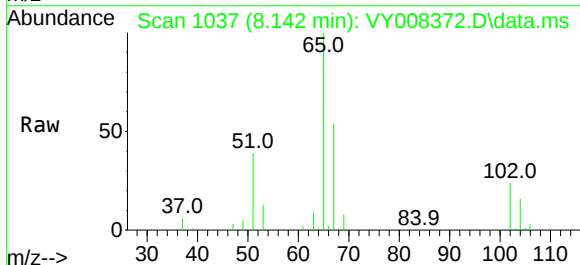
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1-6

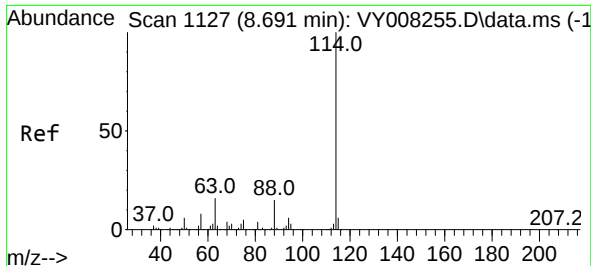
Tgt Ion: 56 Resp: 1997
Ion Ratio Lower Upper
56 100
69 129.0 26.7 40.1#
84 154.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.319 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008372.D
Acq: 18 Apr 2022 14:45

Tgt Ion: 65 Resp: 57622
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008372.D

Acq: 18 Apr 2022 14:45

Instrument :

MSVOA_Y

ClientSampleId :

DISP-1-6

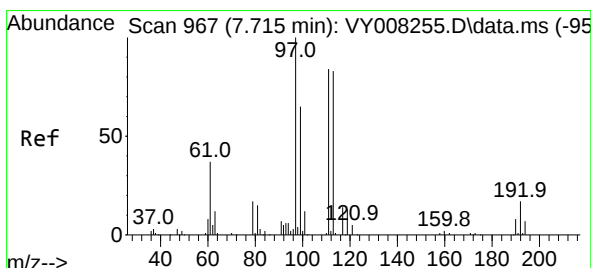
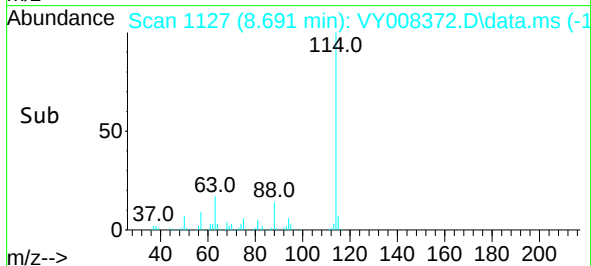
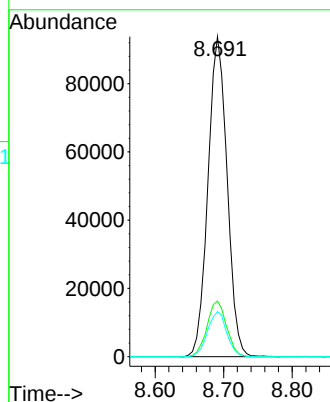
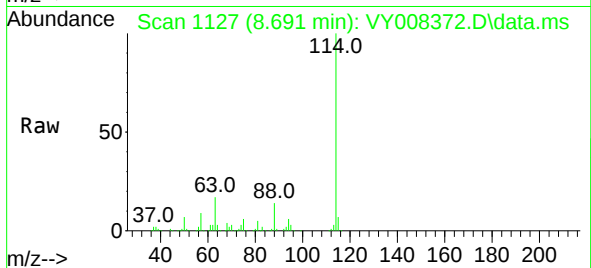
Tgt Ion:114 Resp: 181822

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.560 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.007 min

Lab File: VY008372.D

Acq: 18 Apr 2022 14:45

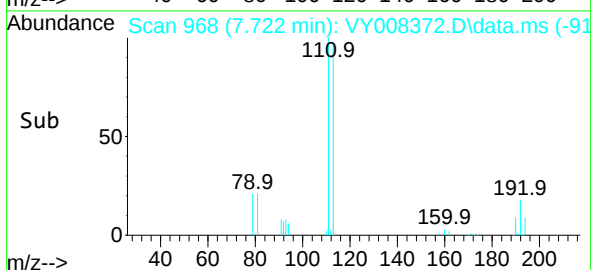
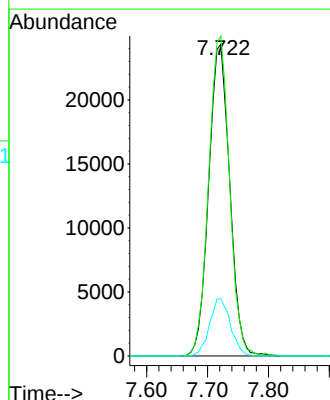
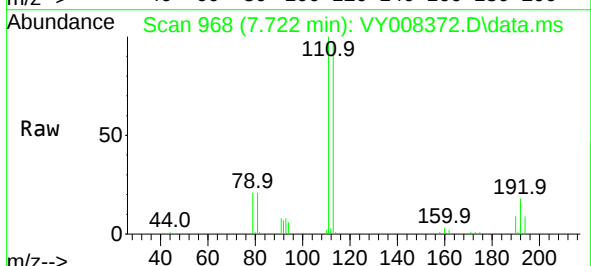
Tgt Ion:113 Resp: 58348

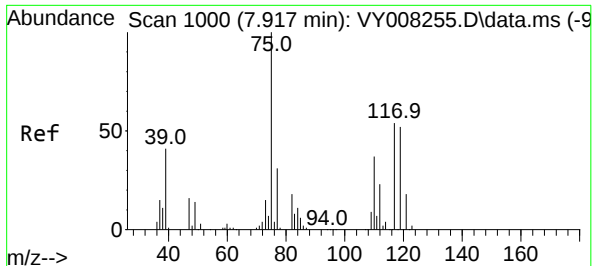
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 18.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.525 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY008372.D

Acq: 18 Apr 2022 14:45

Instrument :

MSVOA_Y

ClientSampleId :

DISP-1-6

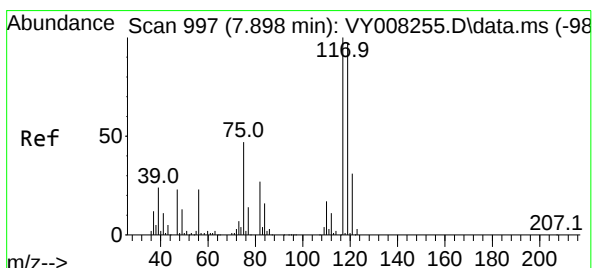
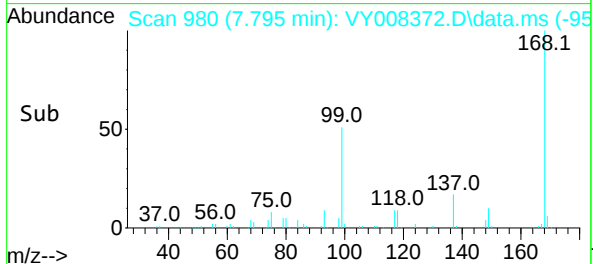
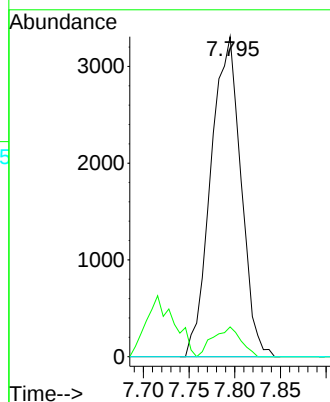
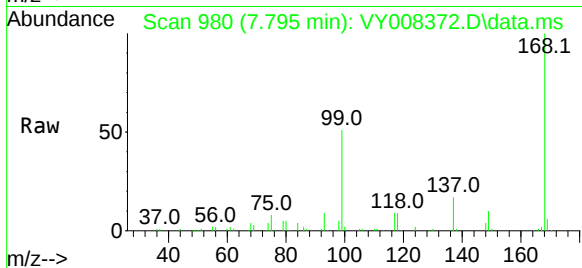
Tgt Ion: 75 Resp: 7588

Ion Ratio Lower Upper

75 100

110 8.6 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.370 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY008372.D

Acq: 18 Apr 2022 14:45

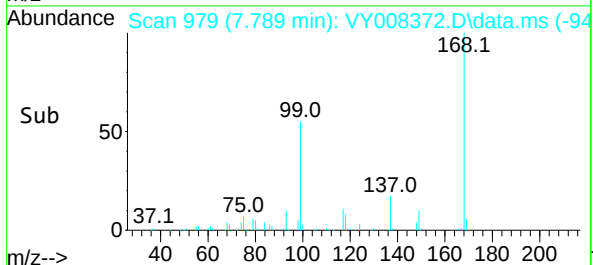
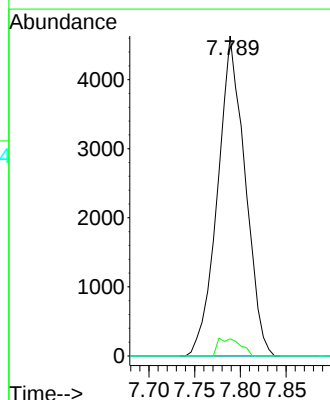
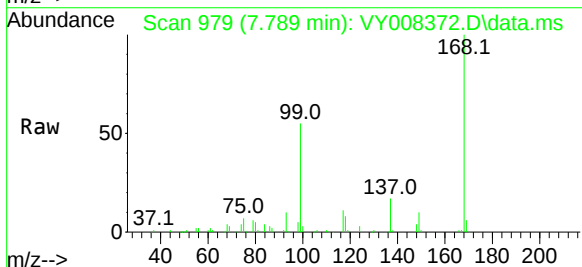
Tgt Ion: 117 Resp: 9688

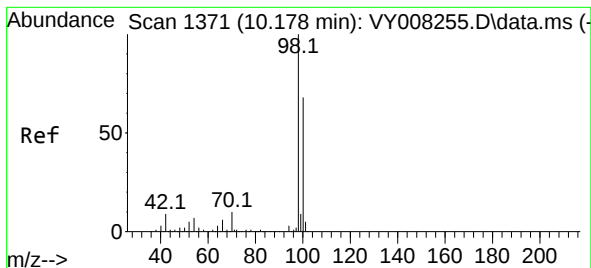
Ion Ratio Lower Upper

117 100

119 5.4 77.9 116.9#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 60.678 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY008372.D

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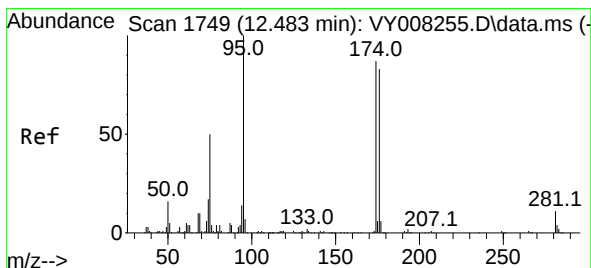
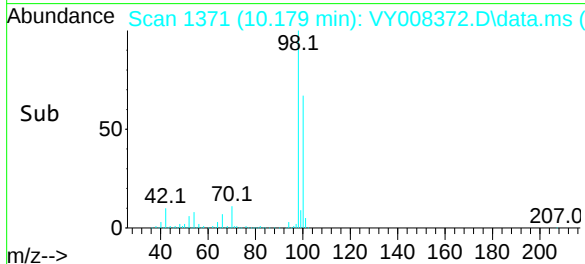
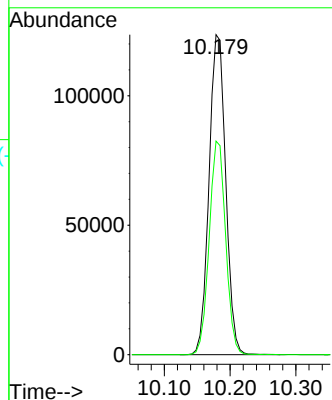
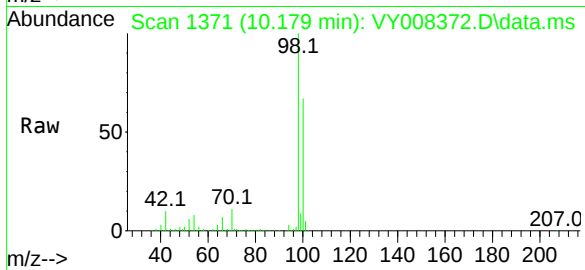
DISP-1-6

Tgt Ion: 98 Resp: 218044

Ion Ratio Lower Upper

98 100

100 65.9 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 55.942 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY008372.D

Acq: 18 Apr 2022 14:45

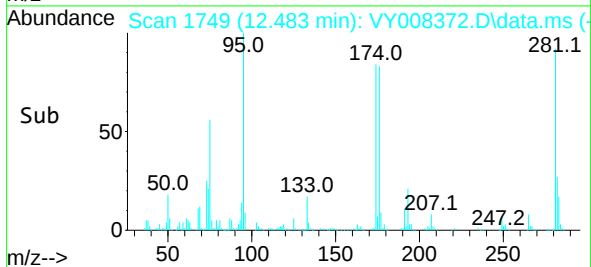
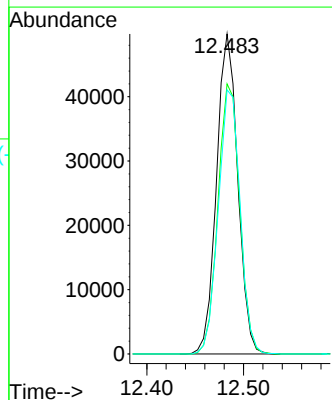
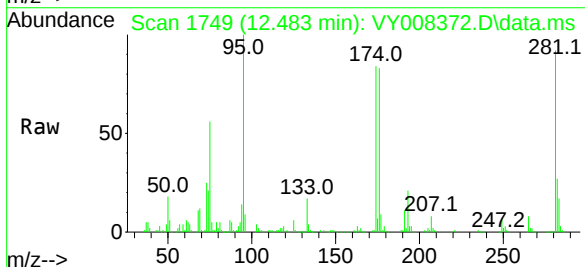
Tgt Ion: 95 Resp: 75611

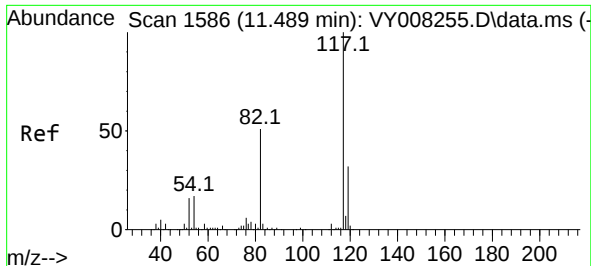
Ion Ratio Lower Upper

95 100

174 86.4 0.0 177.0

176 84.9 0.0 175.8

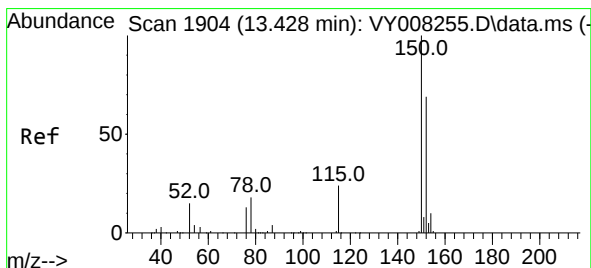
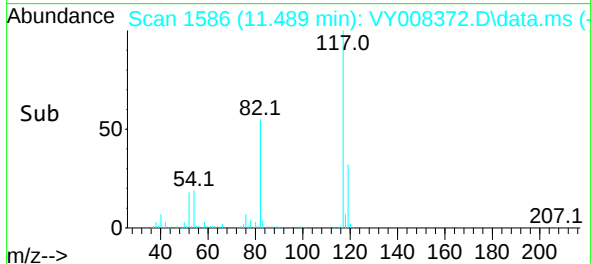
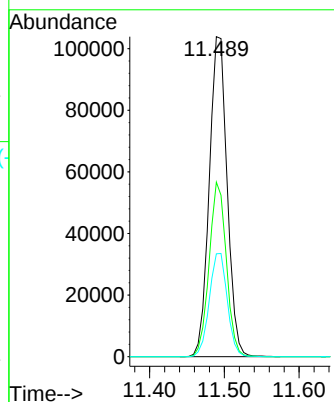
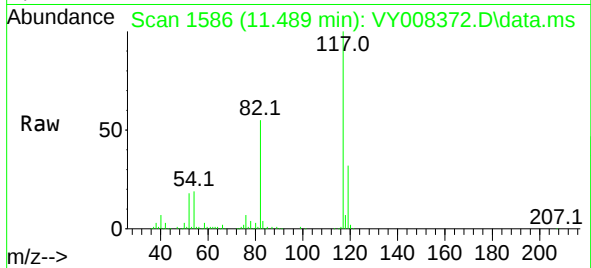




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008372.D
Acq: 18 Apr 2022 14:45

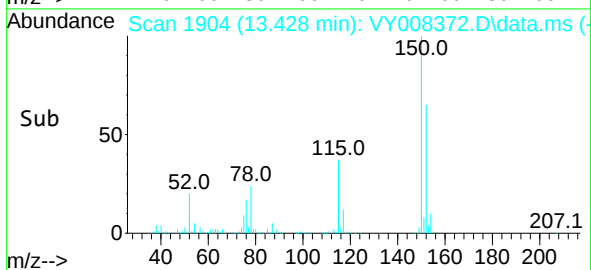
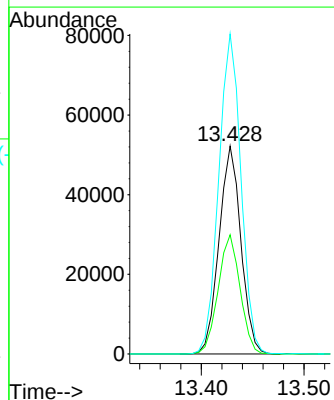
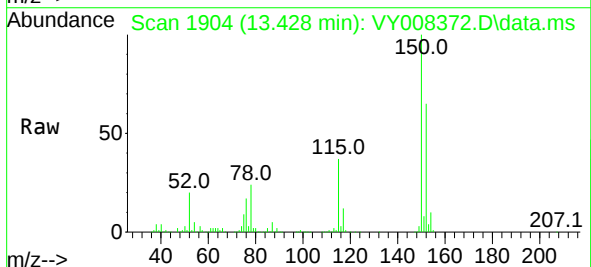
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1-6

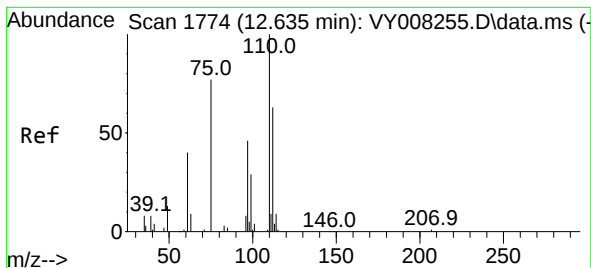
Tgt Ion:117 Resp: 172788
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008372.D
Acq: 18 Apr 2022 14:45

Tgt Ion:152 Resp: 77104
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 156.4 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 50.248 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008372.D

Acq: 18 Apr 2022 14:45

Instrument :

MSVOA_Y

ClientSampleId :

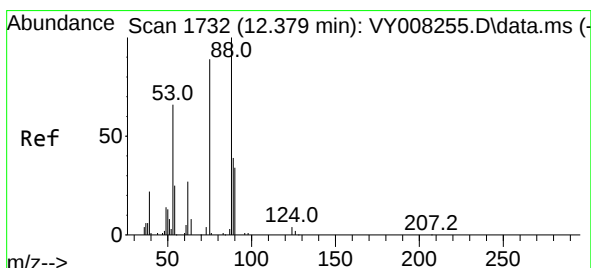
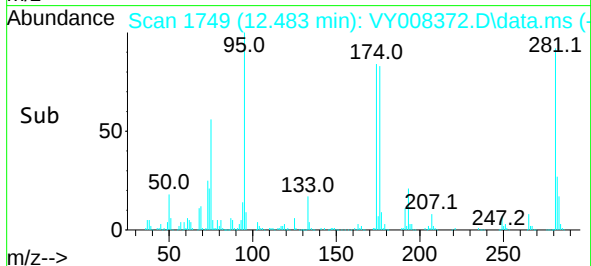
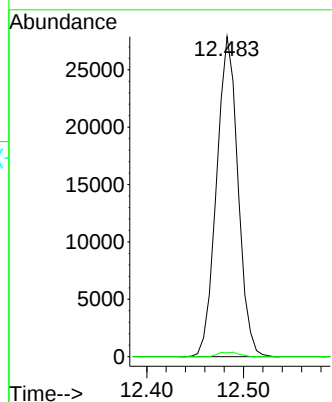
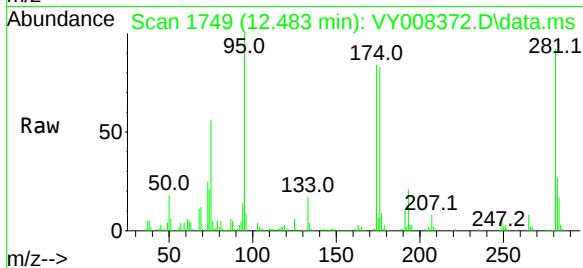
DISP-1-6

Tgt Ion: 75 Resp: 42849

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 112.428 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY008372.D

Acq: 18 Apr 2022 14:45

Tgt Ion: 75 Resp: 42849

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 2.5 37.0 55.4#

