

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008380.D
 Acq On : 18 Apr 2022 17:53
 Operator : KP/MD
 Sample : N2427-06
 Misc : 5.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6

Quant Time: Apr 19 06:32:06 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)

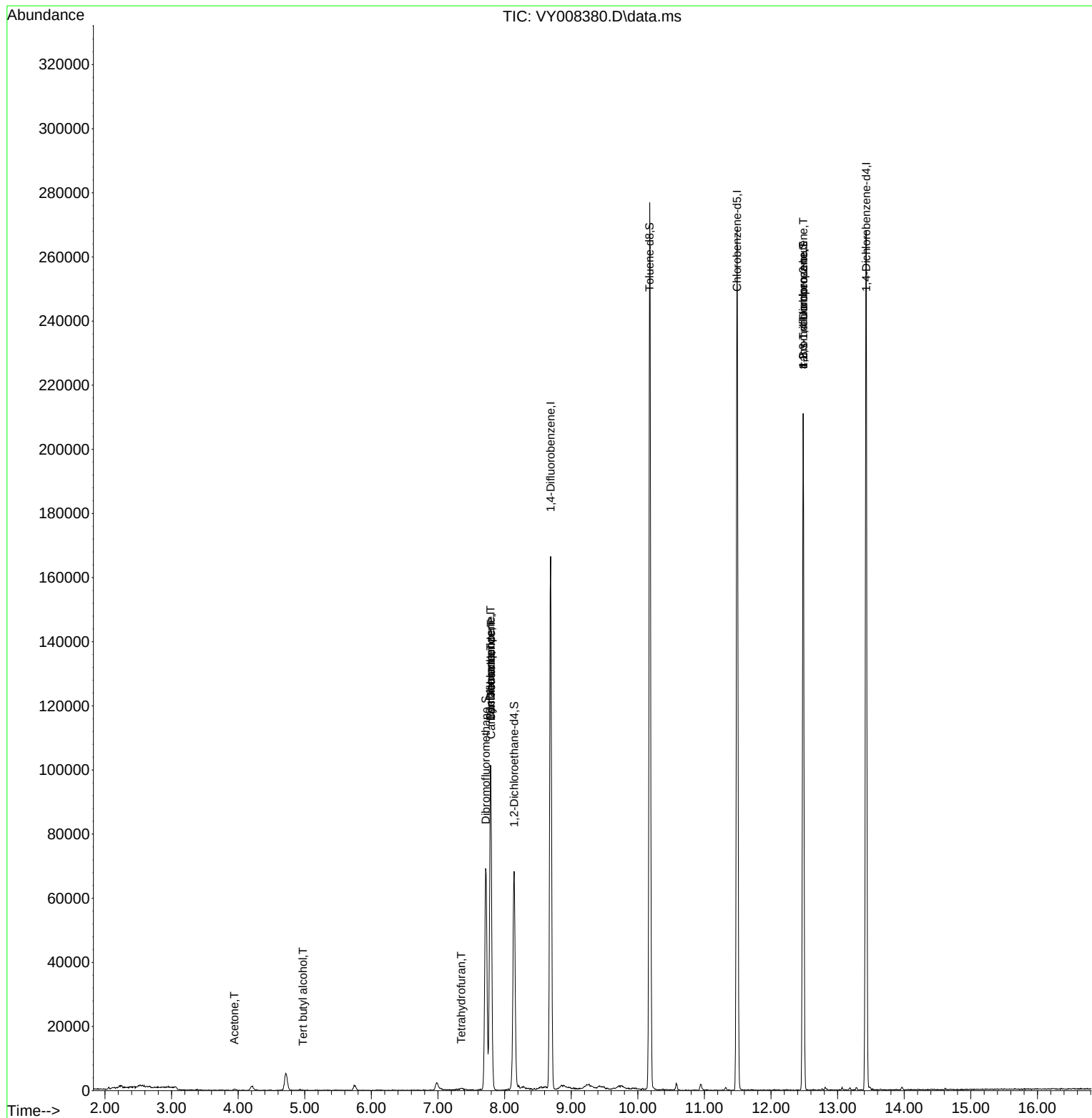
Internal Standards						
1) Pentafluorobenzene	7.789	168	78856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	148622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	148376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51493	69.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.040%	
35) Dibromofluoromethane	7.715	113	49263	57.388	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.780%	
50) Toluene-d8	10.178	98	182702	62.200	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.400%	
62) 4-Bromofluorobenzene	12.483	95	62760	56.807	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	169	Below Cal	#	44
5) Bromomethane	2.674	94	155	Below Cal		92
11) Tert butyl alcohol	4.972	59	88	1.111	ug/l #	77
16) Acetone	3.942	43	683	3.834	ug/l	91
18) Methyl Acetate	4.478	43	241	Below Cal	#	56
20) Methylene Chloride	4.722	84	4231	Below Cal	#	72
29) Tetrahydrofuran	7.350	42	246	1.368	ug/l #	67
31) Cyclohexane	7.789	56	1619	1.209	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5987	4.368	ug/l #	50
38) Carbon Tetrachloride	7.795	117	7967	5.402	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	33131	43.574	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33131	97.494	ug/l #	7

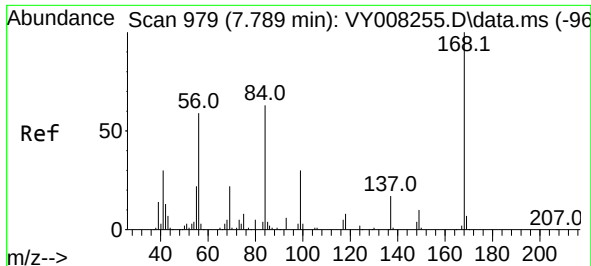
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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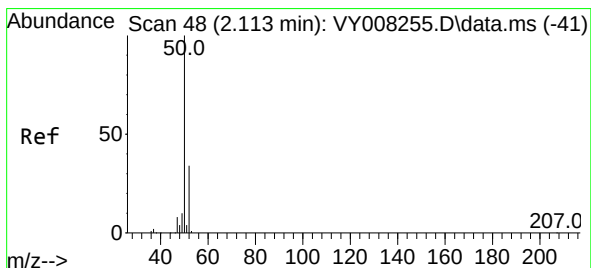
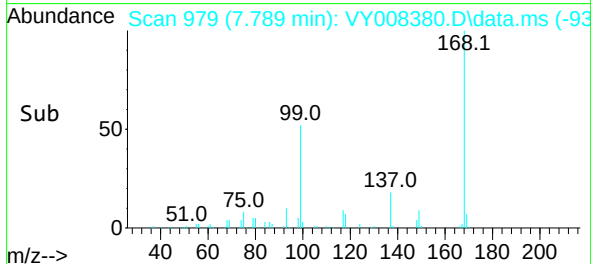
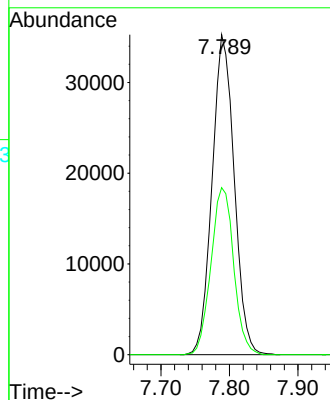
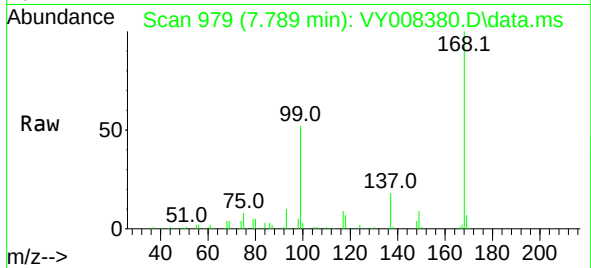




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008380.D
Acq: 18 Apr 2022 17:53

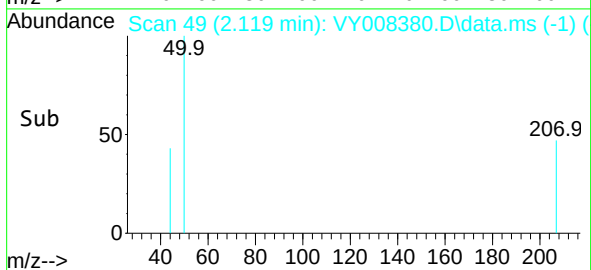
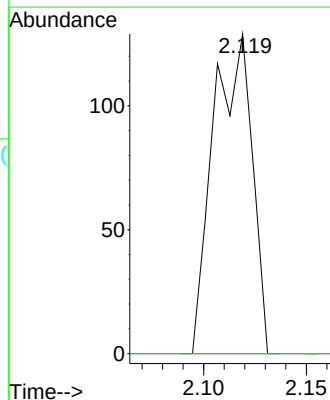
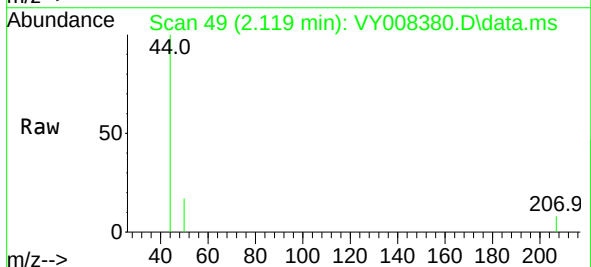
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

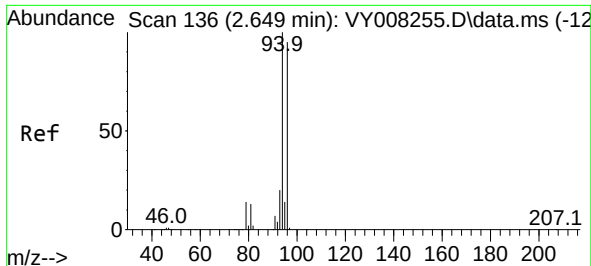
Tgt Ion:168 Resp: 78856
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008380.D
Acq: 18 Apr 2022 17:53

Tgt Ion: 50 Resp: 169
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

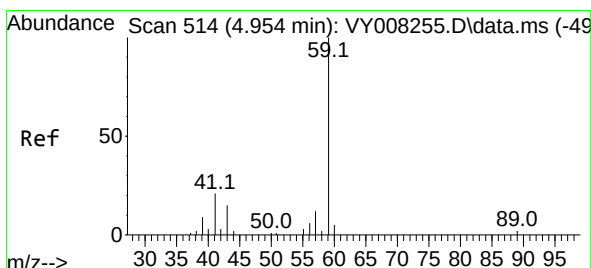
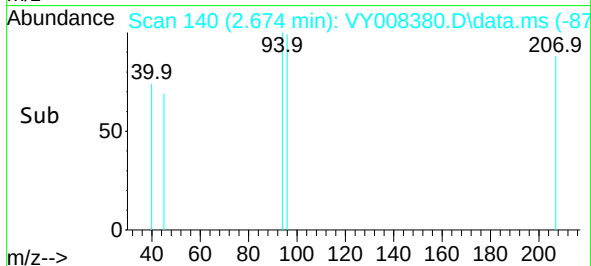
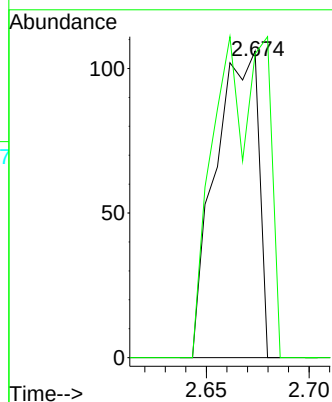
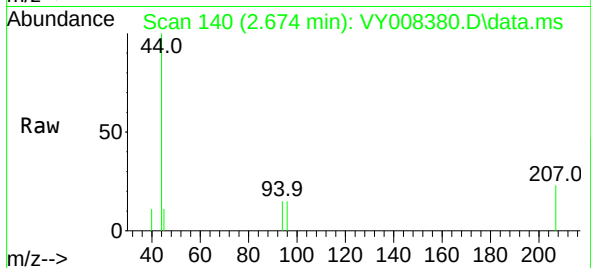




#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 14
Delta R.T. 0.025 min
Lab File: VY008380.D
Acq: 18 Apr 2022 17:53

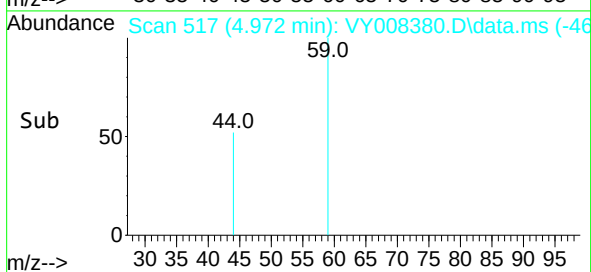
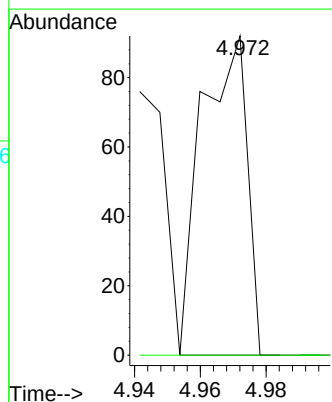
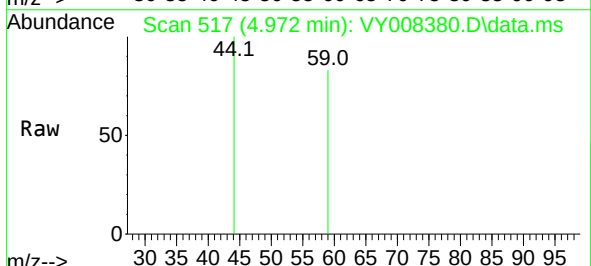
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

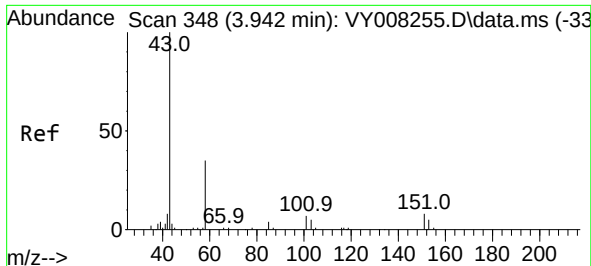
Tgt Ion: 94 Resp: 155
Ion Ratio Lower Upper
94 100
96 99.1 73.5 110.3



#11
Tert butyl alcohol
Concen: 1.111 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY008380.D
Acq: 18 Apr 2022 17:53

Tgt Ion: 59 Resp: 88
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 3.834 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY008380.D

Acq: 18 Apr 2022 17:53

Instrument :

MSVOA_Y

ClientSampleId :

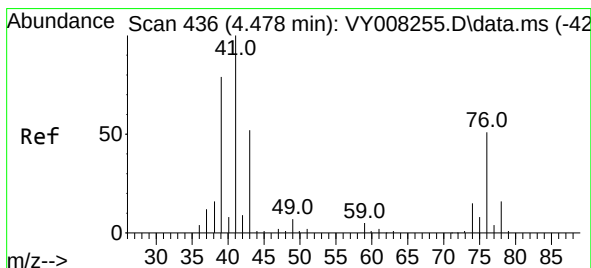
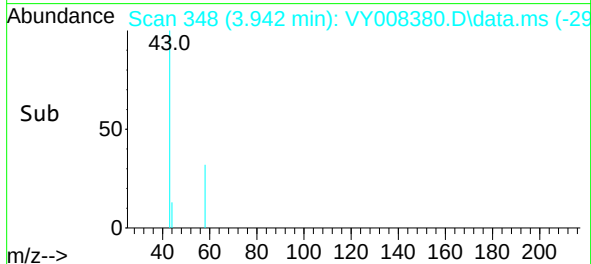
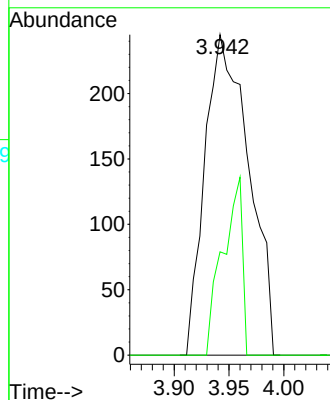
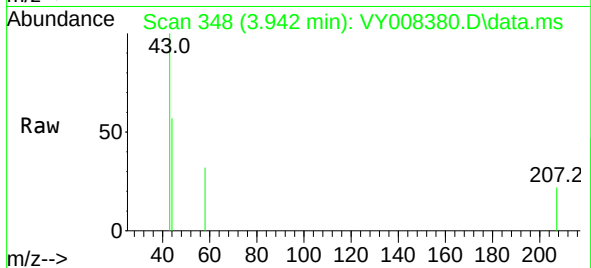
SB-6

Tgt Ion: 43 Resp: 683

Ion Ratio Lower Upper

43 100

58 32.2 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY008380.D

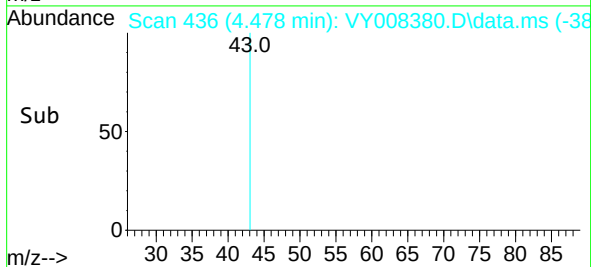
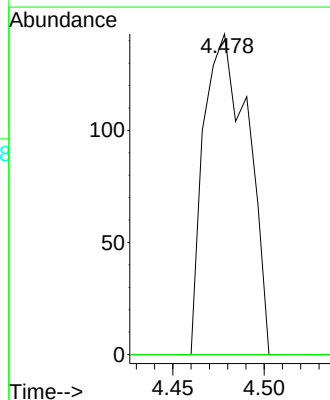
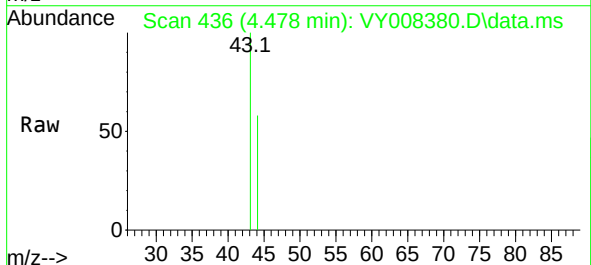
Acq: 18 Apr 2022 17:53

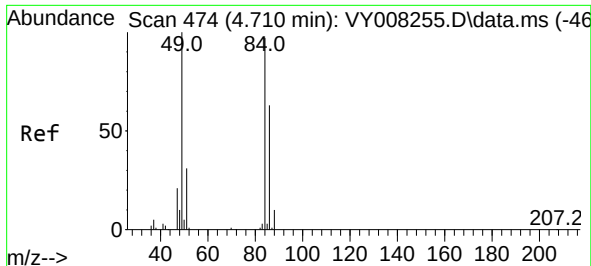
Tgt Ion: 43 Resp: 241

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

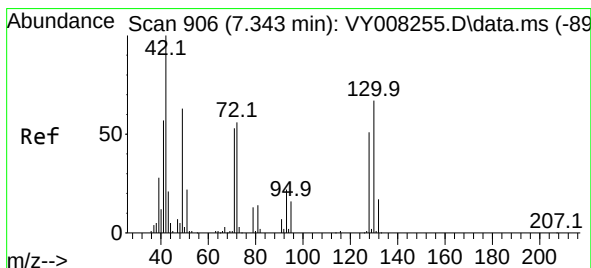
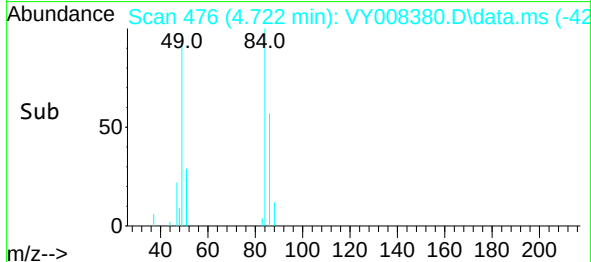
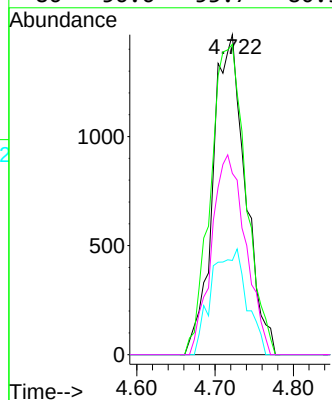
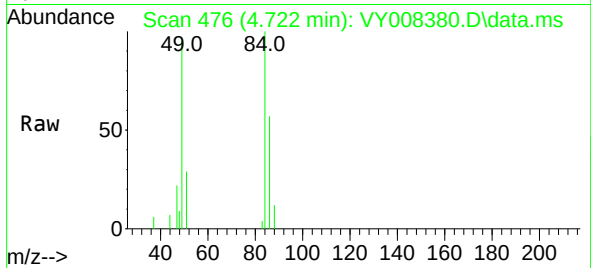




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY008380.D
Acq: 18 Apr 2022 17:53

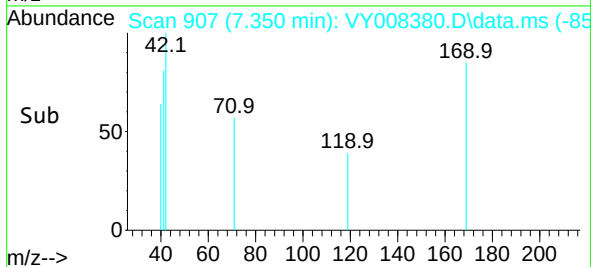
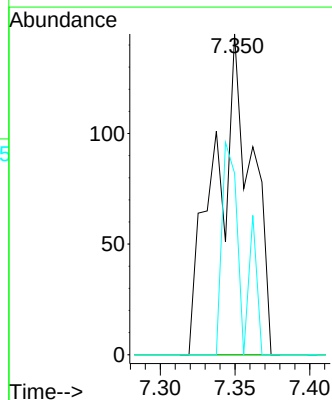
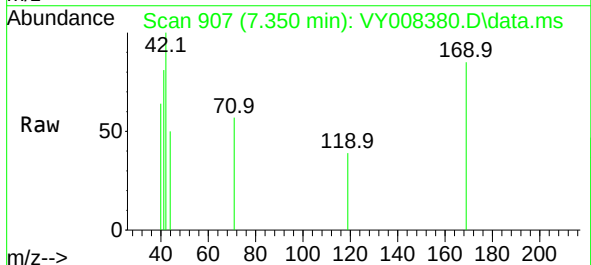
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

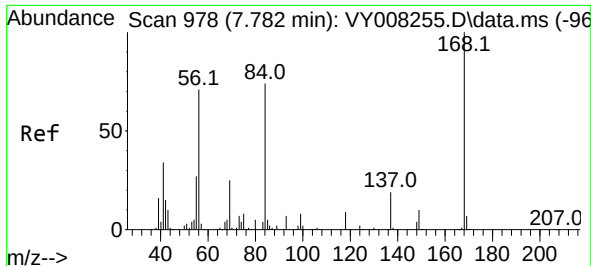
Tgt Ion: 84 Resp: 4231
Ion Ratio Lower Upper
84 100
49 97.0 114.4 171.6#
51 29.4 35.3 52.9#
86 56.6 53.7 80.5



#29
Tetrahydrofuran
Concen: 1.368 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.007 min
Lab File: VY008380.D
Acq: 18 Apr 2022 17:53

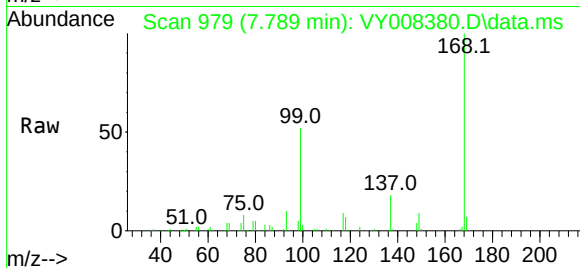
Tgt Ion: 42 Resp: 246
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 35.8 29.0 43.4



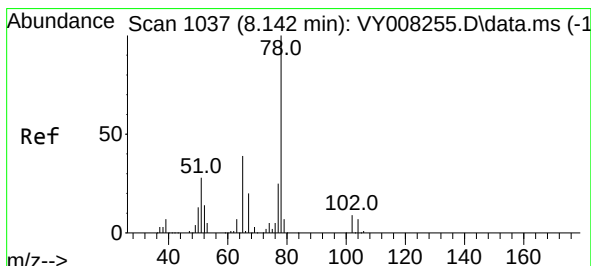
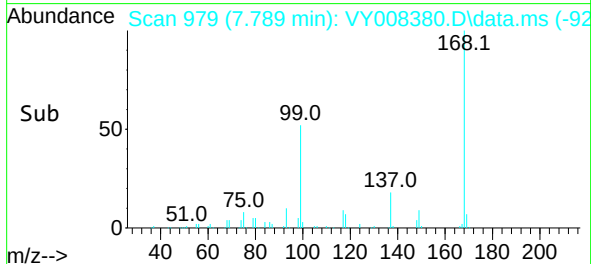
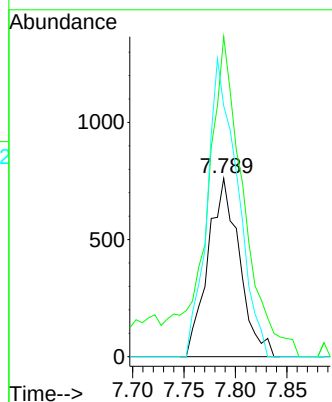


#31
Cyclohexane
Concen: 1.209 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008380.D
Acq: 18 Apr 2022 17:53

Instrument :
MSVOA_Y
ClientSampleId :
SB-6

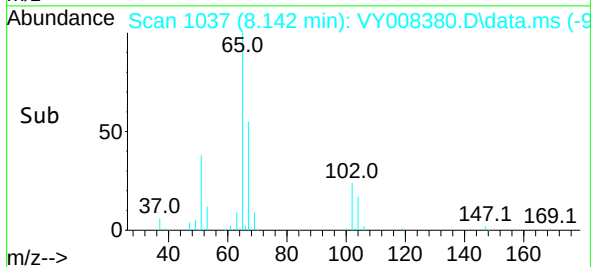
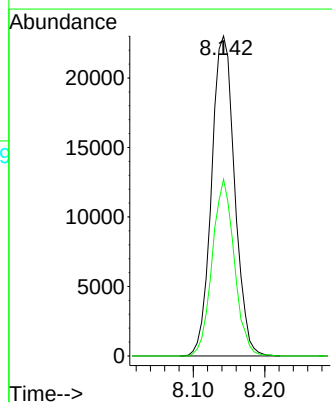
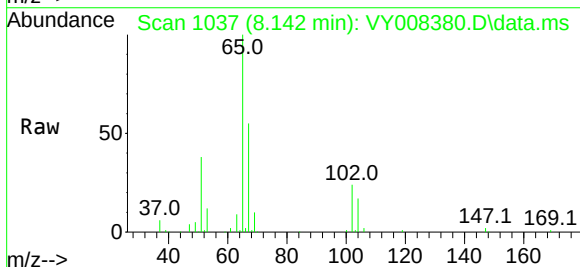


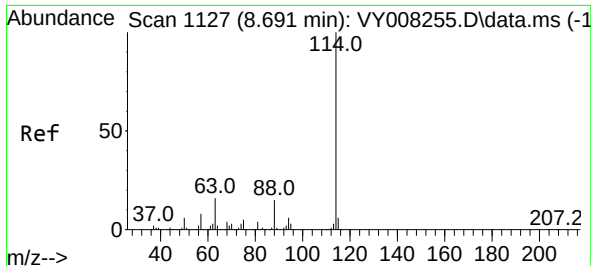
Tgt Ion: 56 Resp: 1619
Ion Ratio Lower Upper
56 100
69 168.5 26.7 40.1#
84 140.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 69.518 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008380.D
Acq: 18 Apr 2022 17:53

Tgt Ion: 65 Resp: 51493
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4

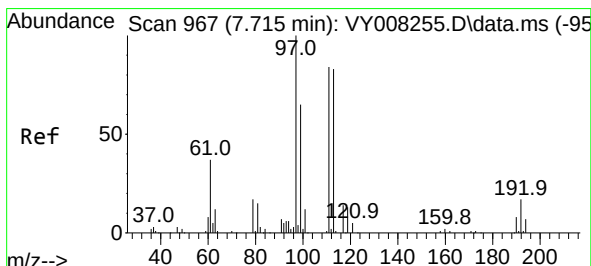
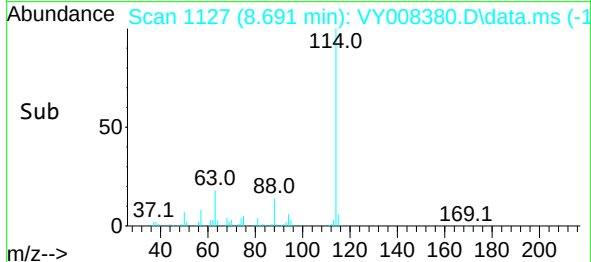
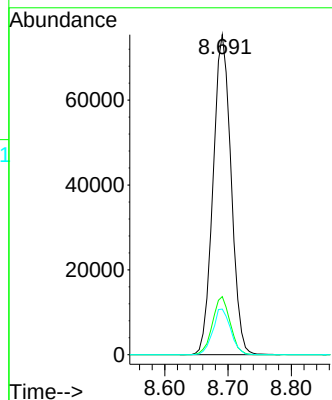
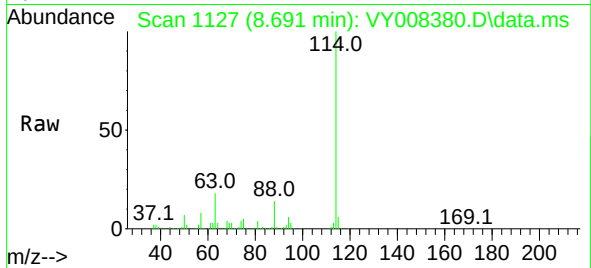




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY008380.D
Acq: 18 Apr 2022 17:53

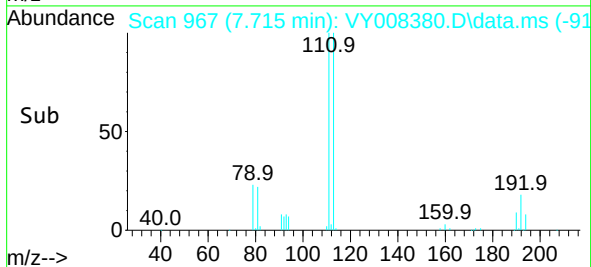
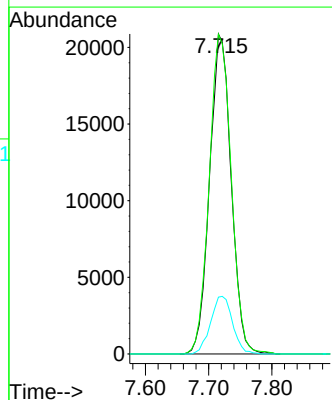
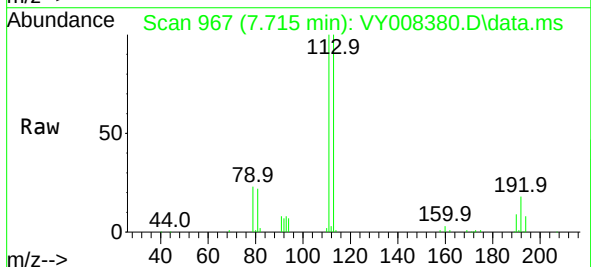
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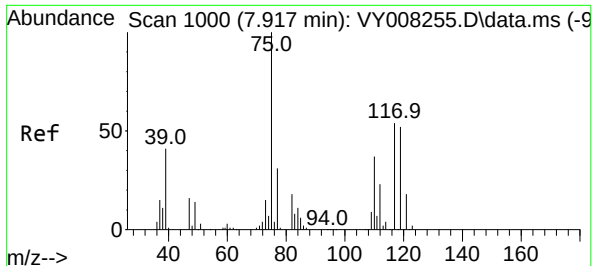
Tgt Ion:114 Resp: 148622
Ion Ratio Lower Upper
114 100
63 18.1 0.0 43.2
88 14.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 57.388 ug/l
RT: 7.715 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY008380.D
Acq: 18 Apr 2022 17:53

Tgt Ion:113 Resp: 49263
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 18.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.368 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008380.D

Acq: 18 Apr 2022 17:53

Instrument :

MSVOA_Y

ClientSampleId :

SB-6

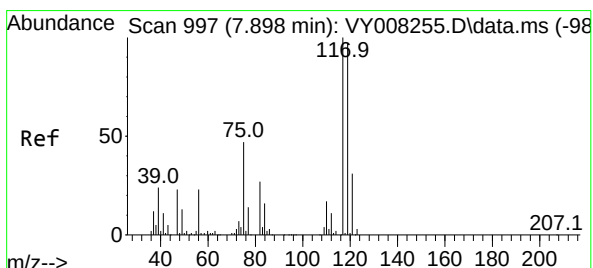
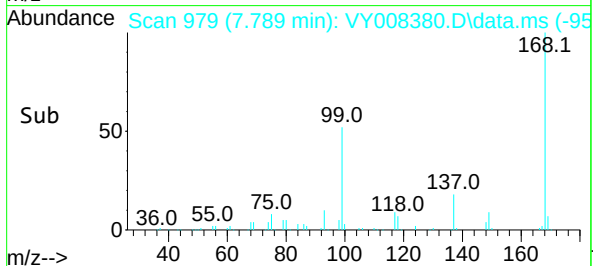
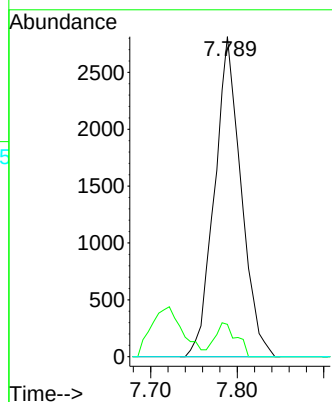
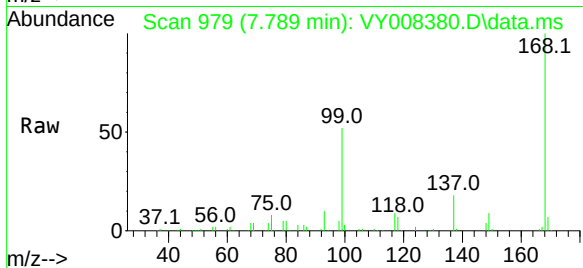
Tgt Ion: 75 Resp: 5987

Ion Ratio Lower Upper

75 100

110 8.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.402 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.103 min

Lab File: VY008380.D

Acq: 18 Apr 2022 17:53

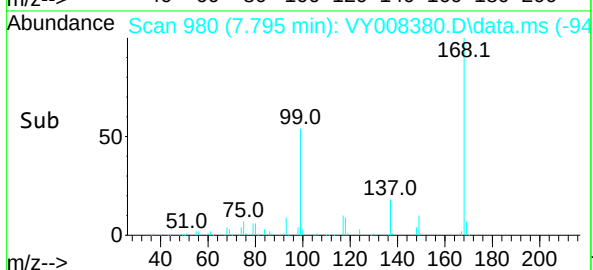
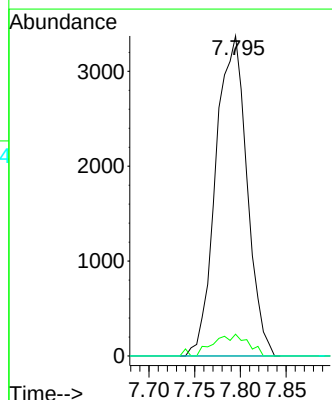
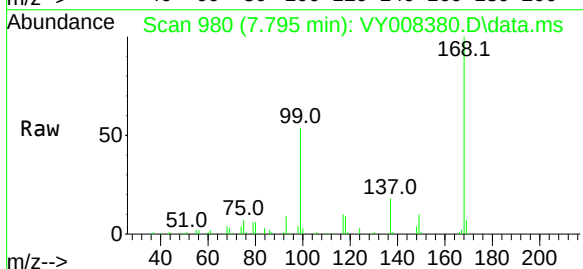
Tgt Ion: 117 Resp: 7967

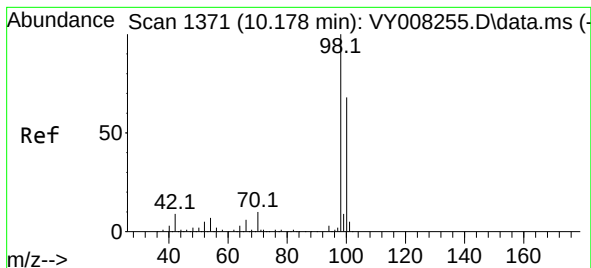
Ion Ratio Lower Upper

117 100

119 6.8 77.9 116.9#

121 0.0 24.8 37.2#

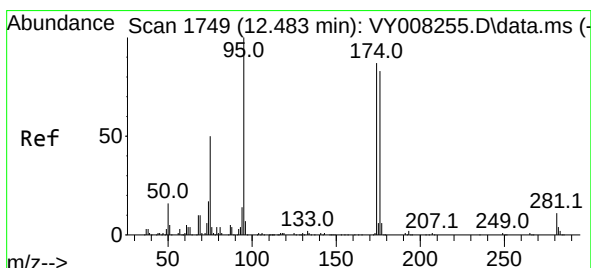
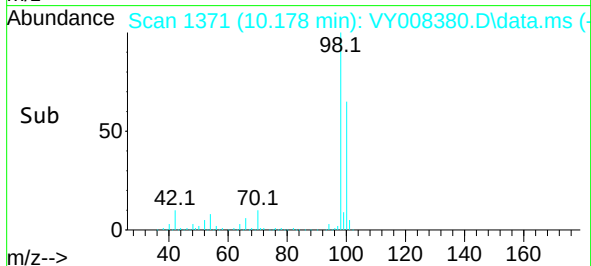
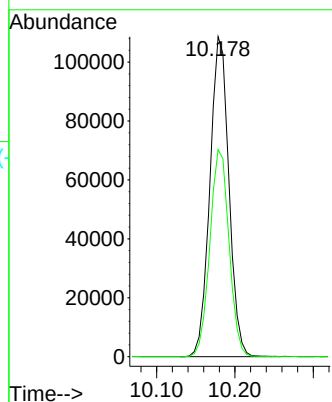
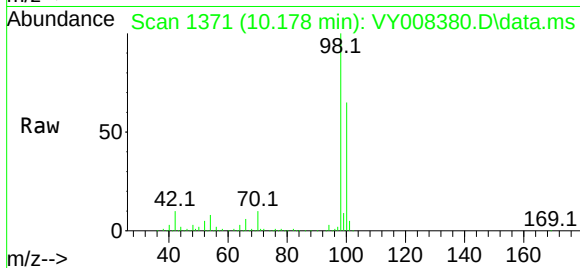




#50
Toluene-d8
Concen: 62.200 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008380.D
Acq: 18 Apr 2022 17:53

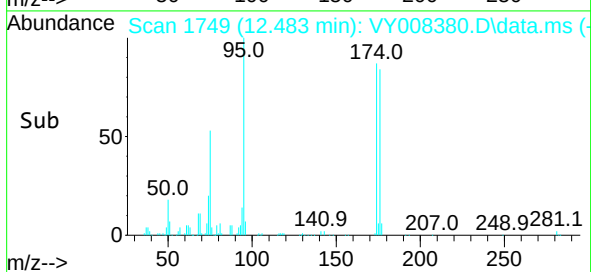
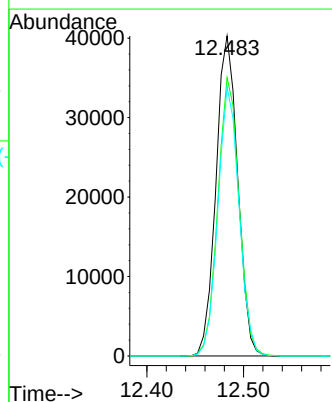
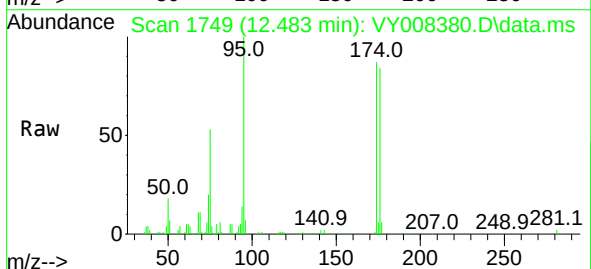
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

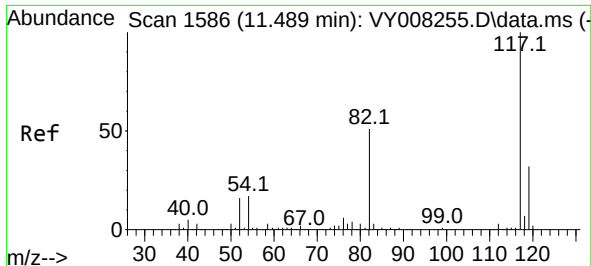
Tgt Ion: 98 Resp: 182702
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.807 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008380.D
Acq: 18 Apr 2022 17:53

Tgt Ion: 95 Resp: 62760
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 81.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008380.D

Acq: 18 Apr 2022 17:53

Instrument :

MSVOA_Y

ClientSampleId :

SB-6

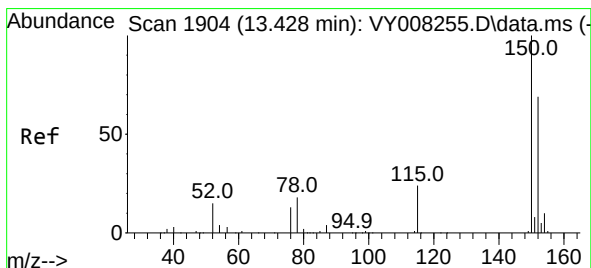
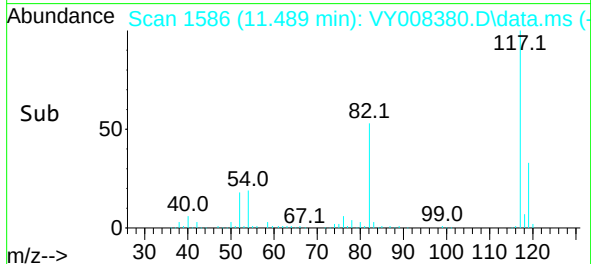
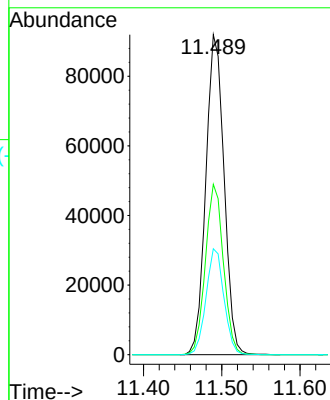
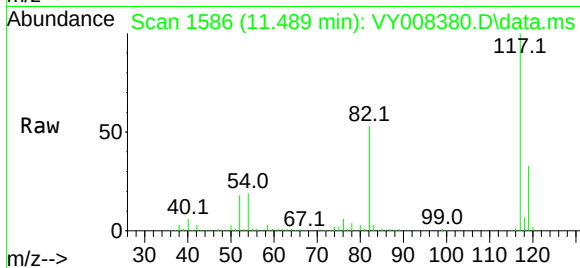
Tgt Ion:117 Resp: 148376

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

119 33.1 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: VY008380.D

Acq: 18 Apr 2022 17:53

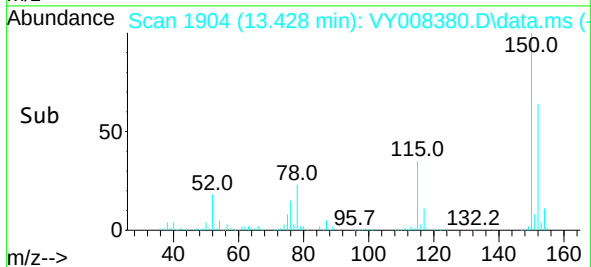
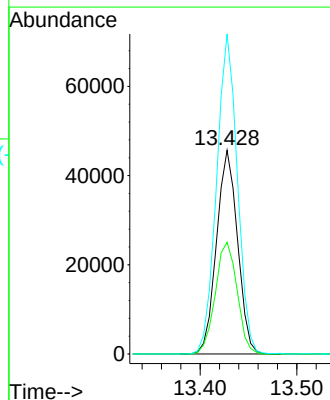
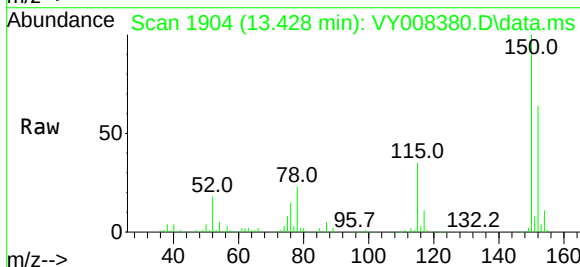
Tgt Ion:152 Resp: 68749

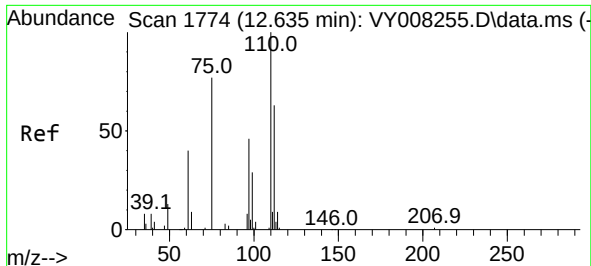
Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 155.4 0.0 347.6

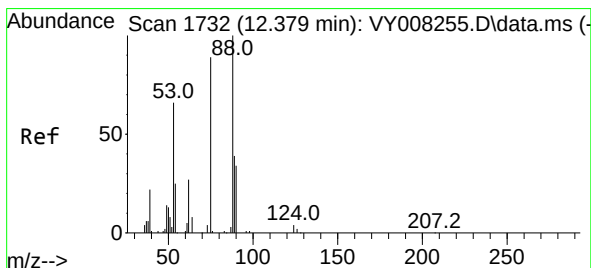
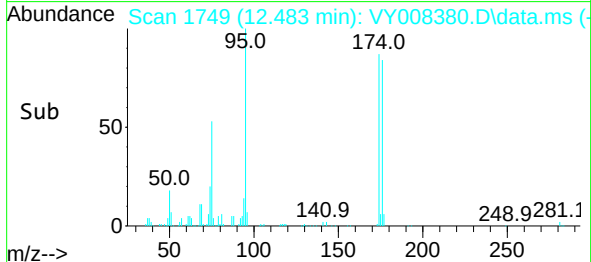
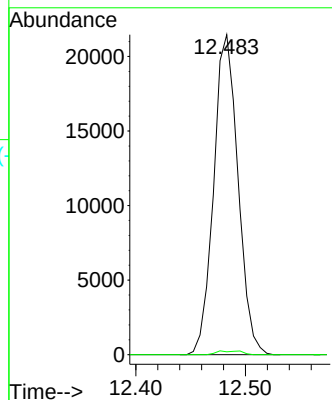
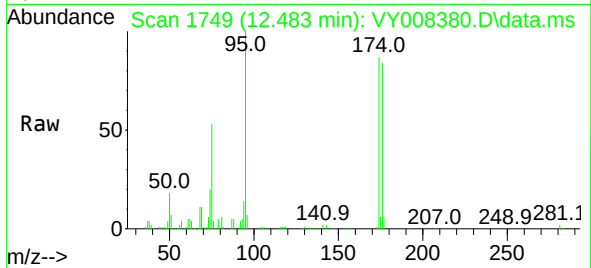




#76
1,2,3-Trichloropropane
Concen: 43.574 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008380.D
Acq: 18 Apr 2022 17:53

Instrument :
MSVOA_Y
ClientSampleId :
SB-6

Tgt Ion: 75 Resp: 33131
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.494 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008380.D
Acq: 18 Apr 2022 17:53

Tgt Ion: 75 Resp: 33131
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

