

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008308.D
 Acq On : 13 Apr 2022 13:29
 Operator : KP/MD
 Sample : N2360-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-041122-A

Quant Time: Apr 14 05:56:06 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)

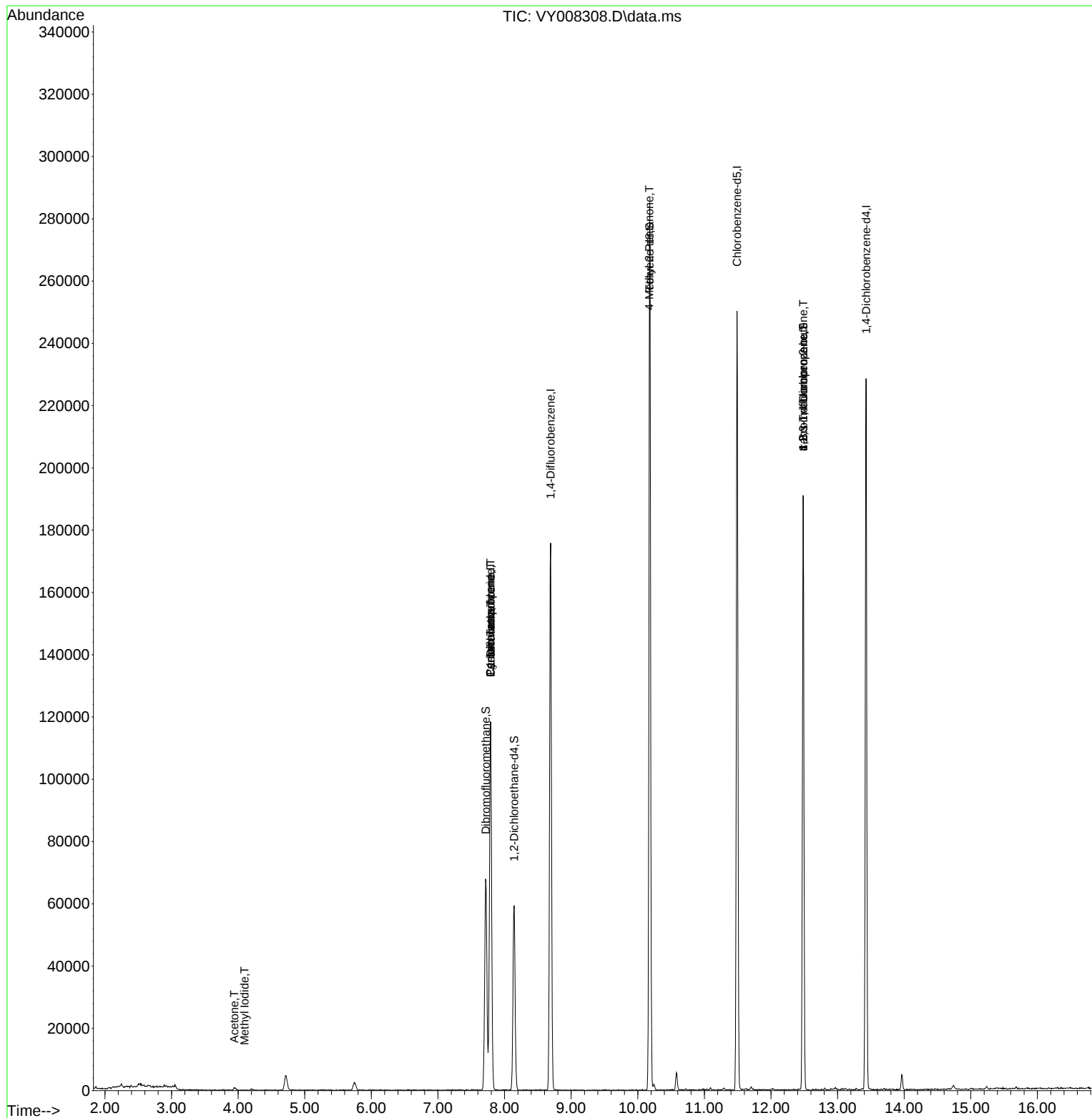
Internal Standards						
1) Pentafluorobenzene	7.789	168	92430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	156970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	140823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45934	52.906	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.820%			
35) Dibromofluoromethane	7.716	113	47421	52.305	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.600%			
50) Toluene-d8	10.179	98	189121	60.961	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 121.920%			
62) 4-Bromofluorobenzene	12.483	95	57279	49.088	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.180%			
Target Compounds						
3) Chloromethane	2.119	50	194	Below Cal	#	44
5) Bromomethane	2.650	94	138	Below Cal	#	5
10) Methyl Iodide	4.095	142	106	2.480	ug/l #	35
16) Acetone	3.942	43	1495	7.159	ug/l #	79
18) Methyl Acetate	4.479	43	140	Below Cal	#	56
20) Methylene Chloride	4.723	84	3655	Below Cal	#	72
31) Cyclohexane	7.789	56	1784	1.136	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6936	4.791	ug/l #	51
38) Carbon Tetrachloride	7.789	117	9335	5.993	ug/l #	16
51) 4-Methyl-2-Pentanone	10.173	43	764	1.068	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	30447	47.304	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30447	105.841	ug/l #	7

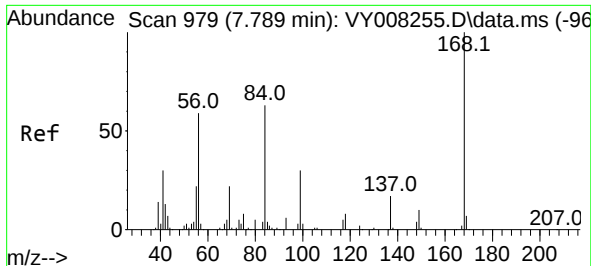
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
Data File : VY008308.D
Acq On : 13 Apr 2022 13:29
Operator : KP/MD
Sample : N2360-01RE
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-A

Quant Time: Apr 14 05:56:06 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

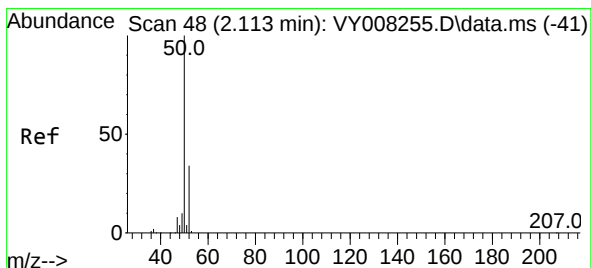
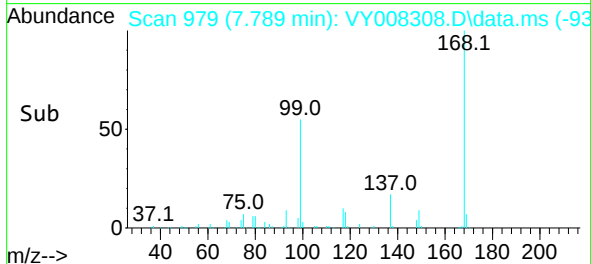
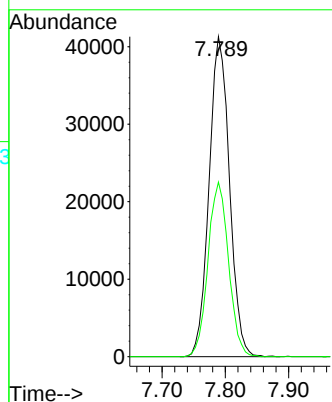
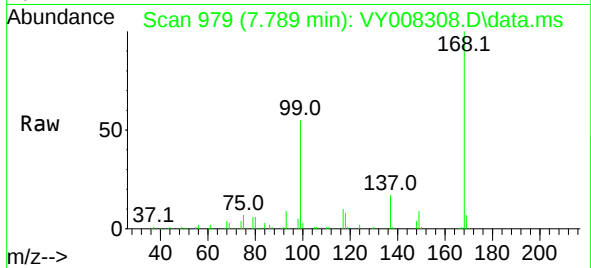




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008308.D
Acq: 13 Apr 2022 13:29

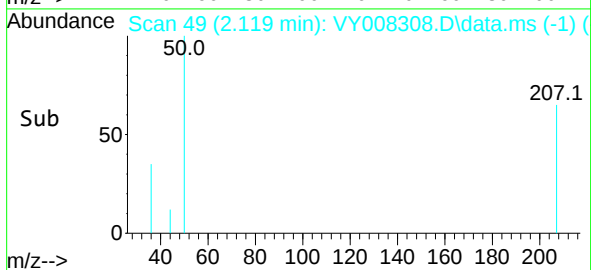
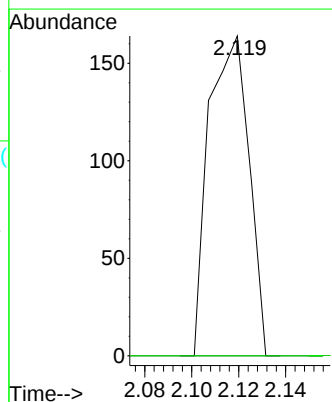
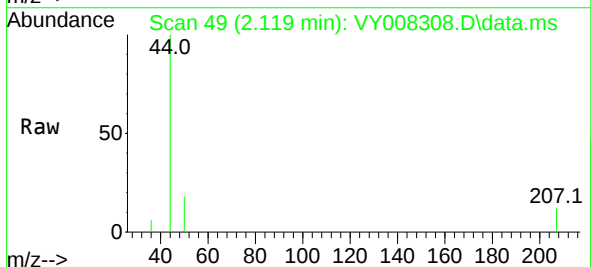
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-A

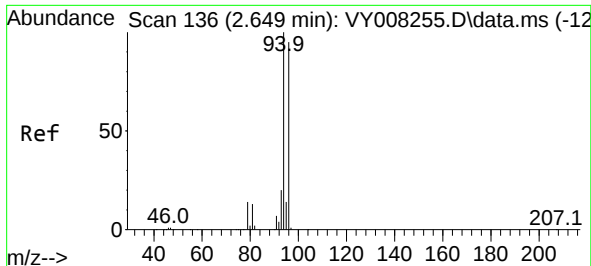
Tgt Ion:168 Resp: 92430
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008308.D
Acq: 13 Apr 2022 13:29

Tgt Ion: 50 Resp: 194
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

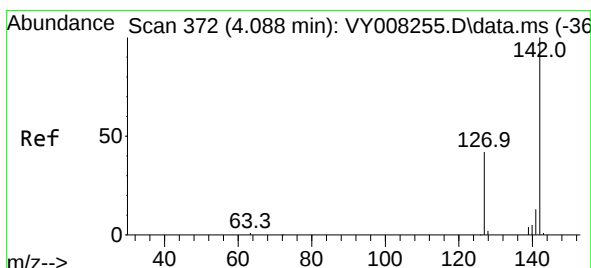
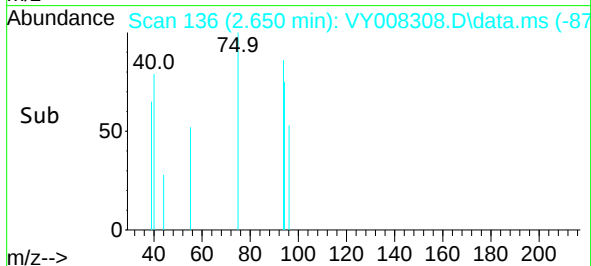
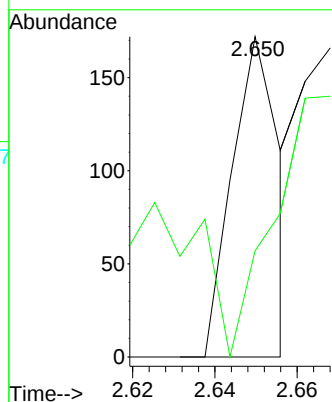
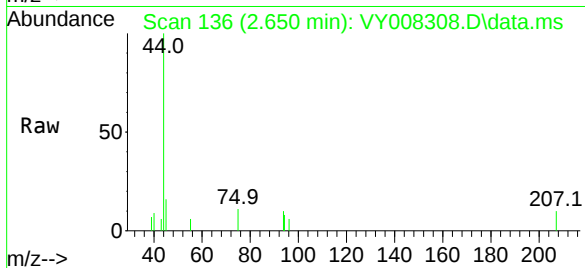




#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008308.D
Acq: 13 Apr 2022 13:29

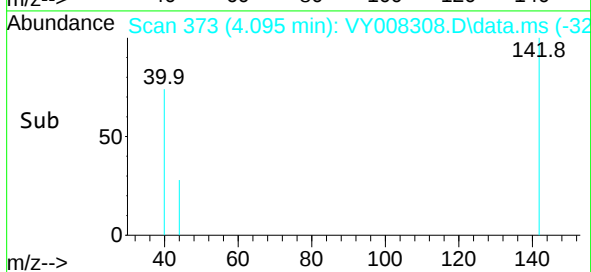
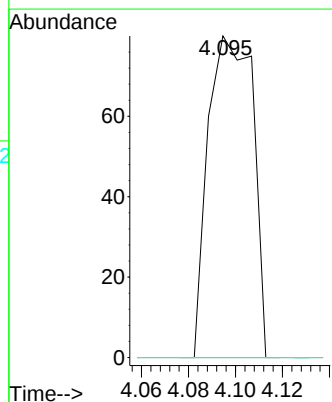
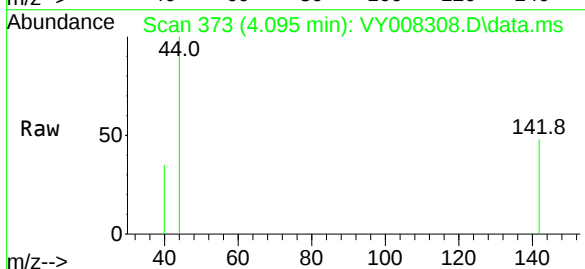
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-A

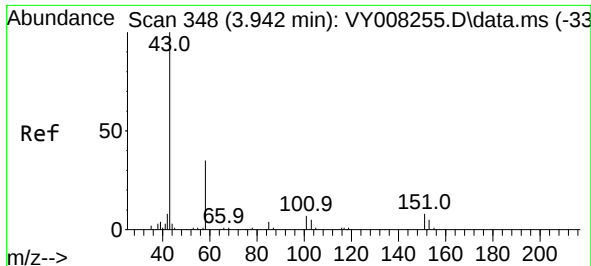
Tgt Ion: 94 Resp: 138
Ion Ratio Lower Upper
94 100
96 1.7 73.5 110.3#



#10
Methyl Iodide
Concen: 2.480 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY008308.D
Acq: 13 Apr 2022 13:29

Tgt Ion: 142 Resp: 106
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#16

Acetone

Concen: 7.159 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY008308.D

Acq: 13 Apr 2022 13:29

Instrument :

MSVOA_Y

ClientSampleId :

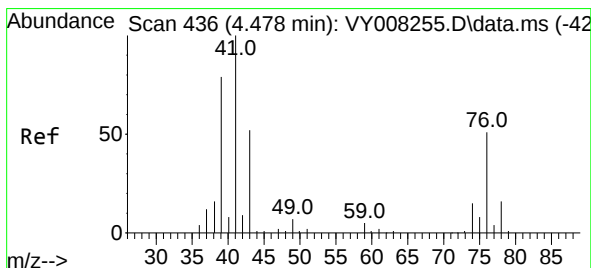
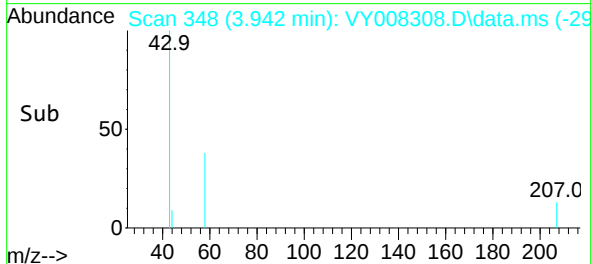
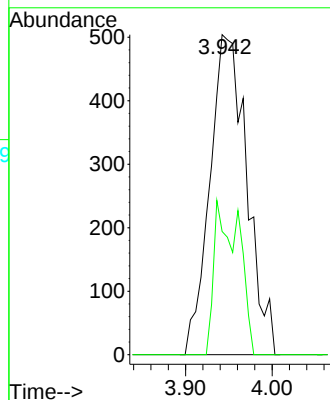
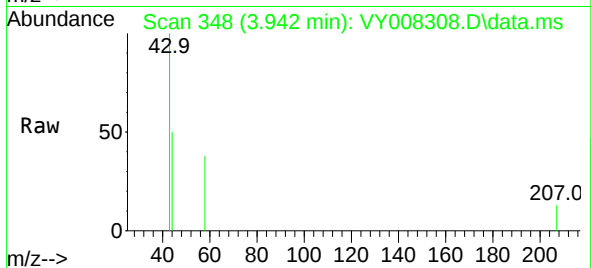
JC-03-041122-A

Tgt Ion: 43 Resp: 1495

Ion Ratio Lower Upper

43 100

58 38.5 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY008308.D

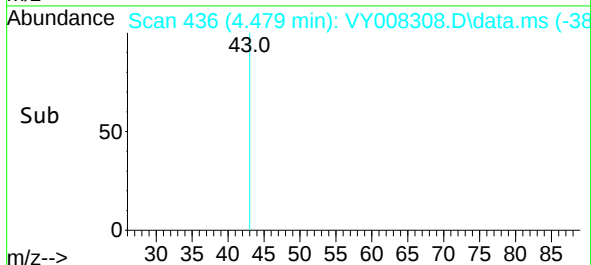
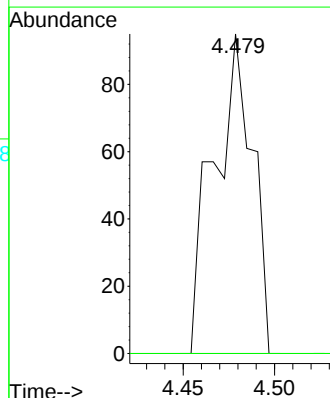
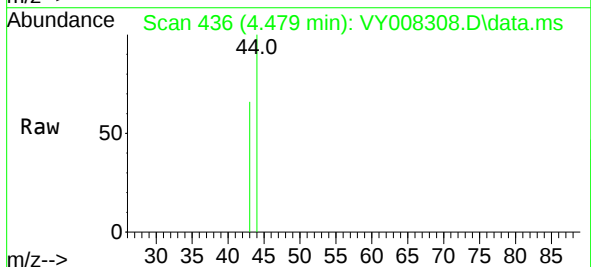
Acq: 13 Apr 2022 13:29

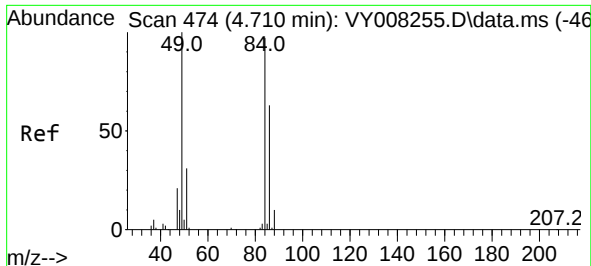
Tgt Ion: 43 Resp: 140

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

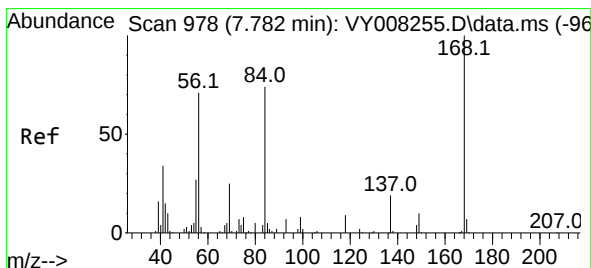
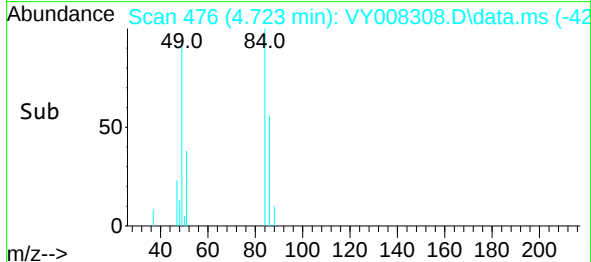
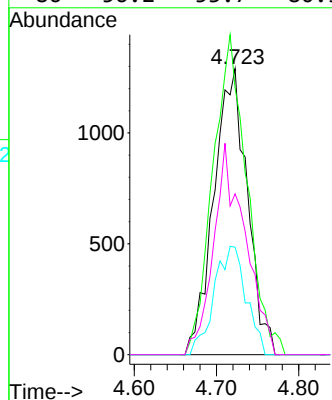
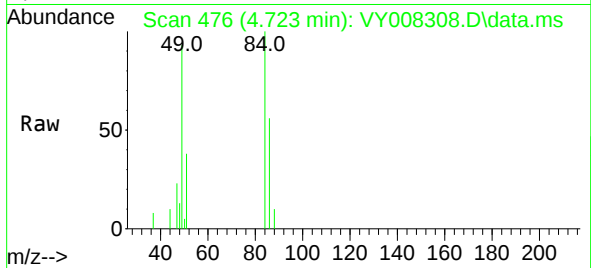




#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY008308.D
Acq: 13 Apr 2022 13:29

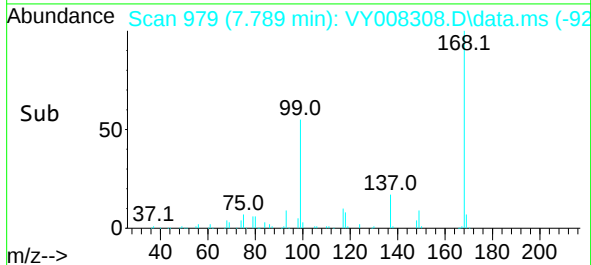
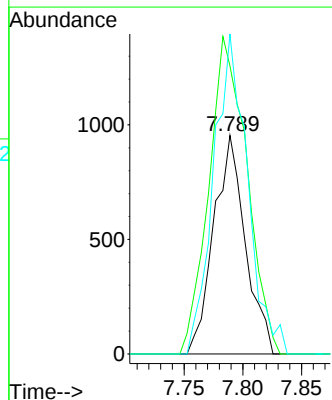
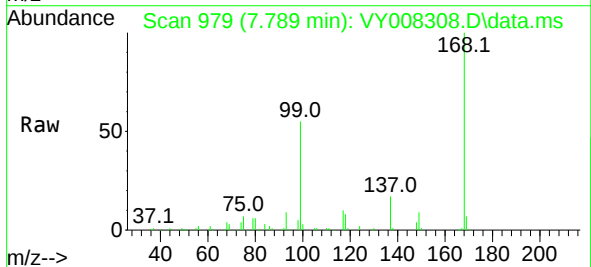
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-A

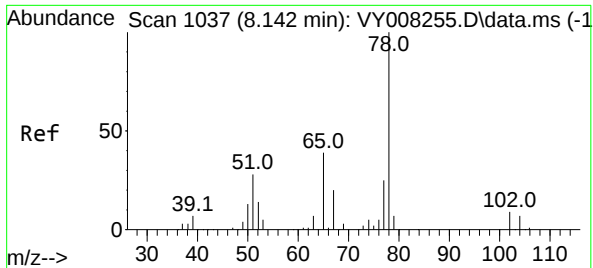
Tgt Ion: 84 Resp: 3655
Ion Ratio Lower Upper
84 100
49 93.2 114.4 171.6#
51 37.6 35.3 52.9
86 56.2 53.7 80.5



#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.007 min
Lab File: VY008308.D
Acq: 13 Apr 2022 13:29

Tgt Ion: 56 Resp: 1784
Ion Ratio Lower Upper
56 100
69 131.8 26.7 40.1#
84 146.4 67.2 100.8#

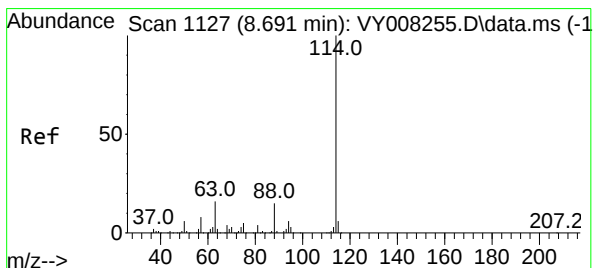
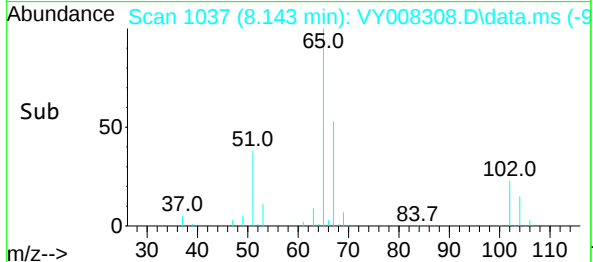
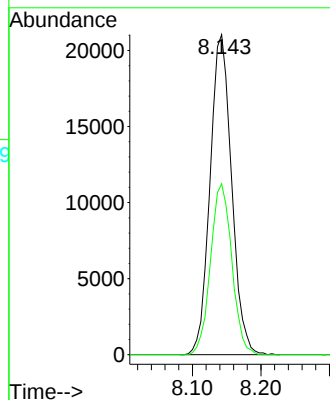
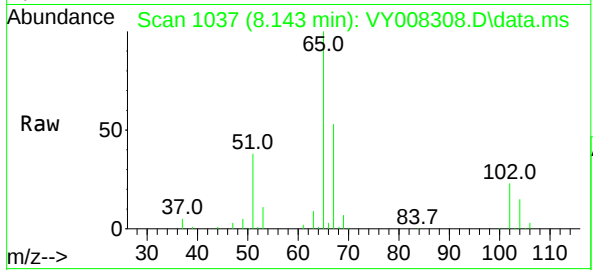




#33
 1,2-Dichloroethane-d4
 Concen: 52.906 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY008308.D
 Acq: 13 Apr 2022 13:29

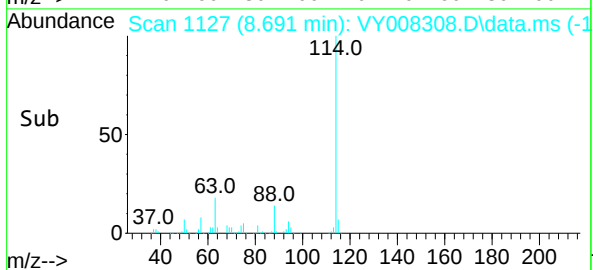
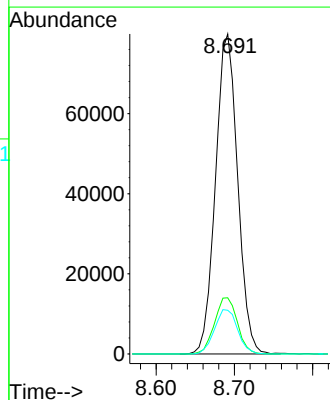
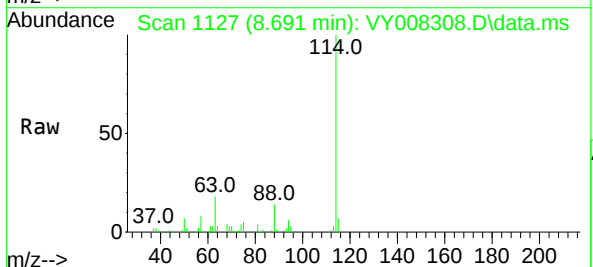
Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-041122-A

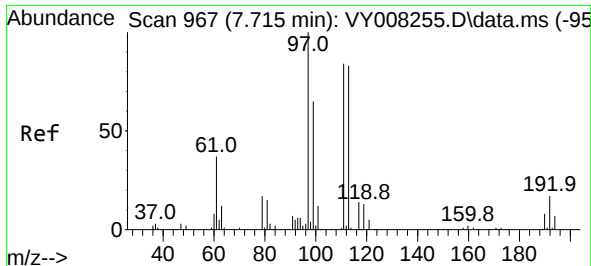
Tgt Ion: 65 Resp: 45934
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008308.D
 Acq: 13 Apr 2022 13:29

Tgt Ion: 114 Resp: 156970
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 43.2
 88 13.7 0.0 31.8

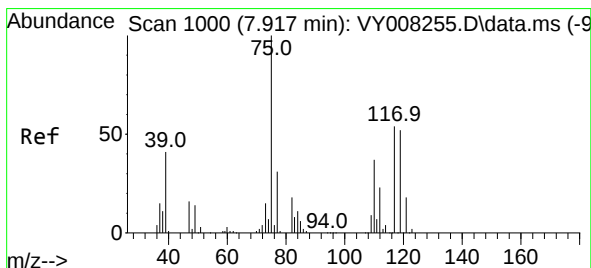
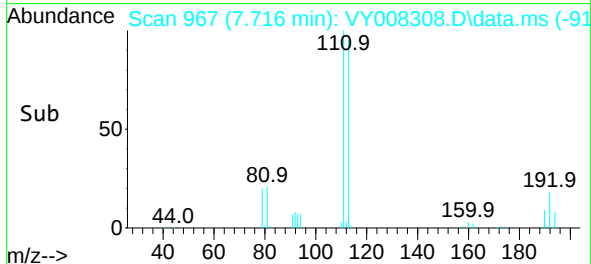
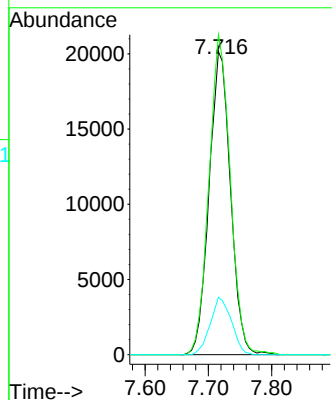
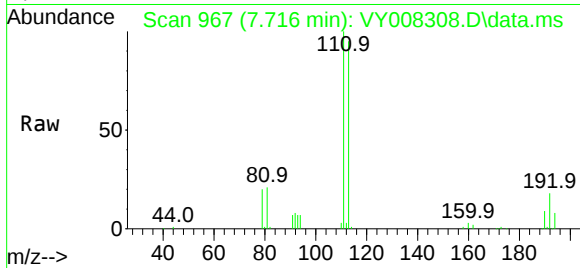




#35
Dibromofluoromethane
Concen: 52.305 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008308.D
Acq: 13 Apr 2022 13:29

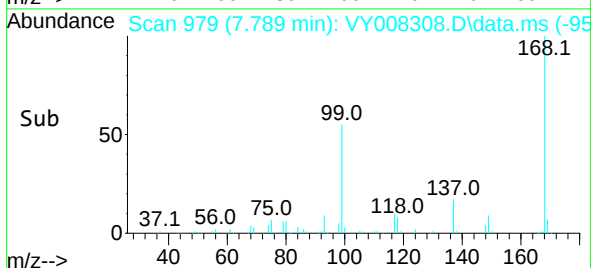
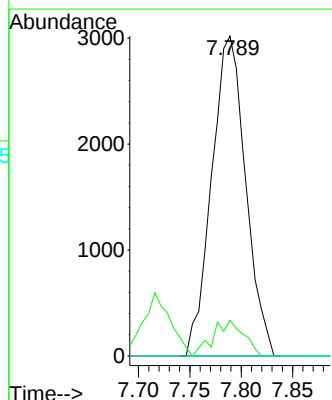
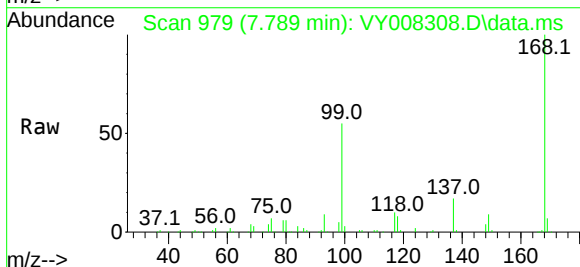
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-A

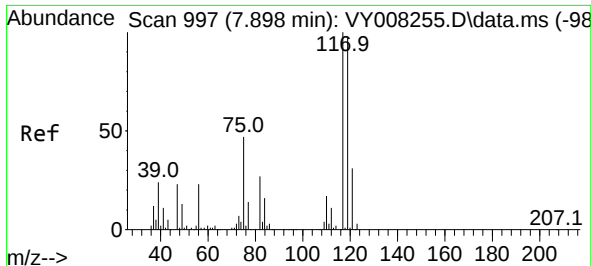
Tgt Ion:113 Resp: 47421
Ion Ratio Lower Upper
113 100
111 105.2 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.791 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008308.D
Acq: 13 Apr 2022 13:29

Tgt Ion: 75 Resp: 6936
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#

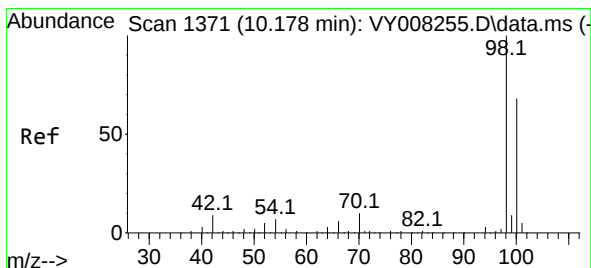
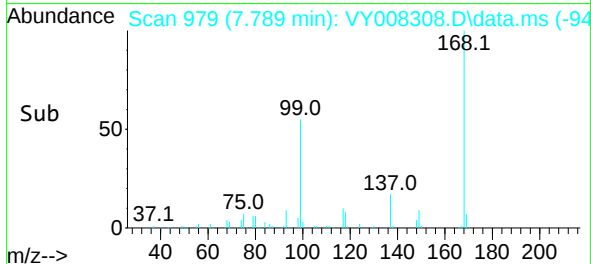
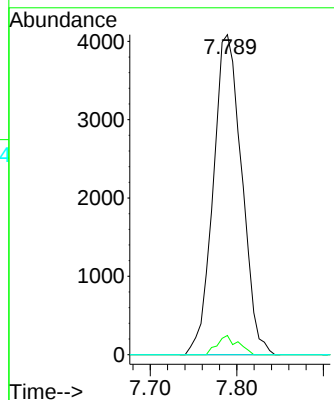
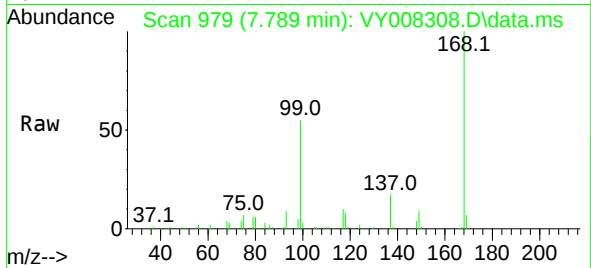




#38
Carbon Tetrachloride
Concen: 5.993 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008308.D
Acq: 13 Apr 2022 13:29

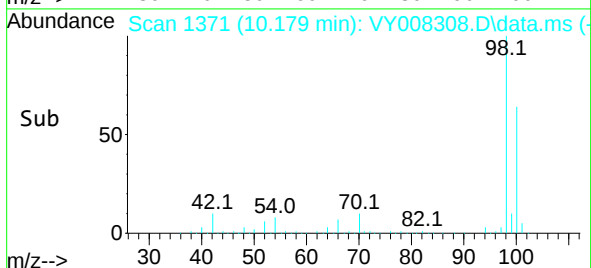
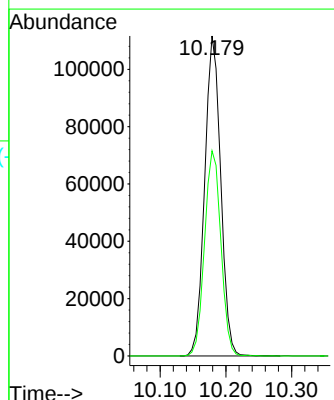
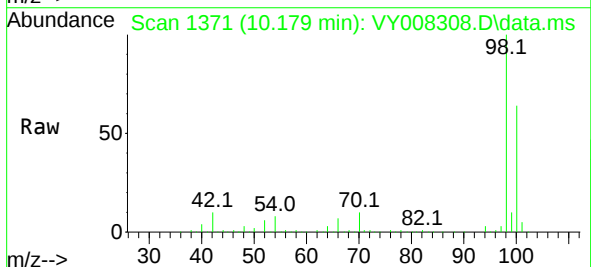
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-A

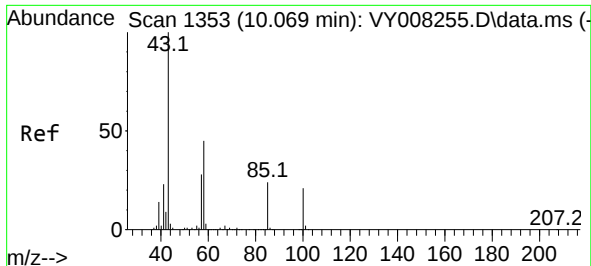
Tgt Ion:117 Resp: 9335
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 60.961 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008308.D
Acq: 13 Apr 2022 13:29

Tgt Ion: 98 Resp: 189121
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

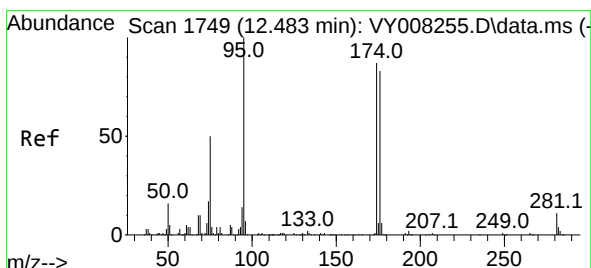
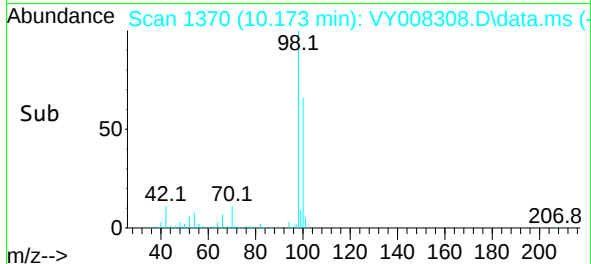
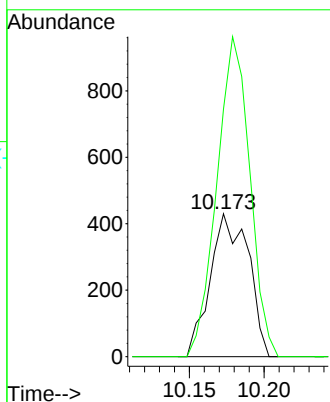
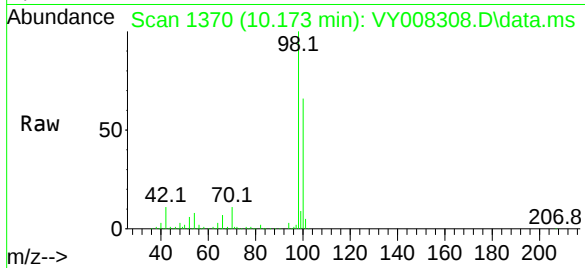




#51
4-Methyl-2-Pentanone
Concen: 1.068 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY008308.D
Acq: 13 Apr 2022 13:29

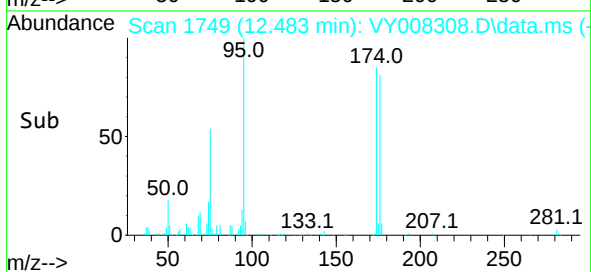
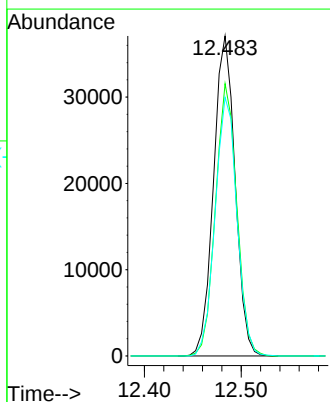
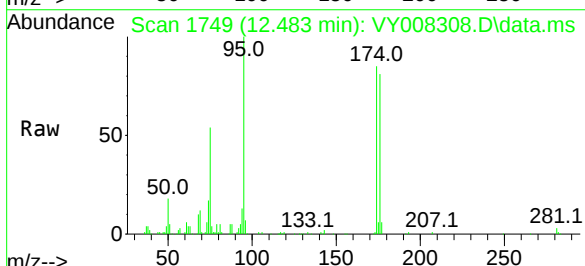
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-A

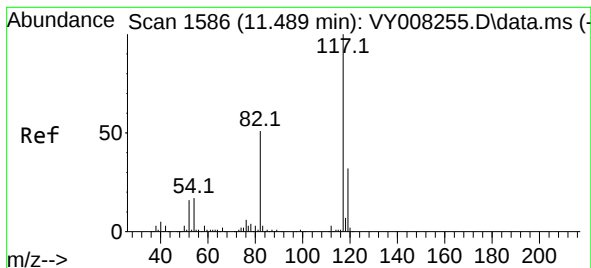
Tgt Ion: 43 Resp: 764
Ion Ratio Lower Upper
43 100
58 193.3 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 49.088 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008308.D
Acq: 13 Apr 2022 13:29

Tgt Ion: 95 Resp: 57279
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 81.9 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: VY008308.D

Acq: 13 Apr 2022 13:29

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-041122-A

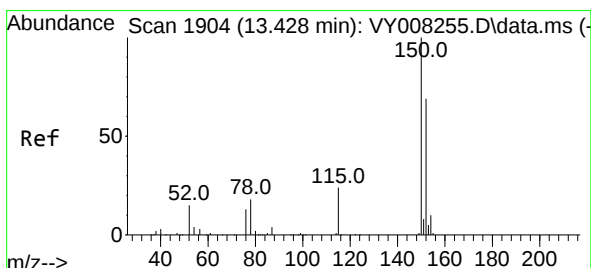
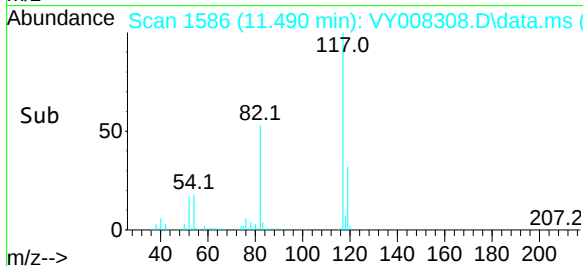
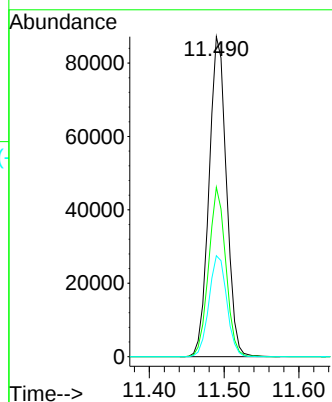
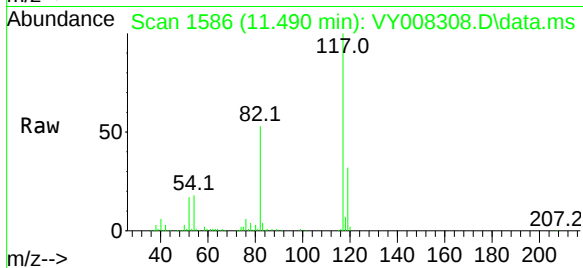
Tgt Ion:117 Resp: 140823

Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.4

119 31.5 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: VY008308.D

Acq: 13 Apr 2022 13:29

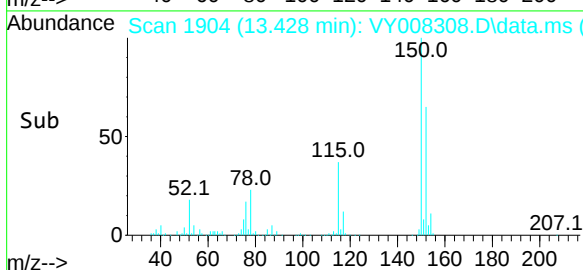
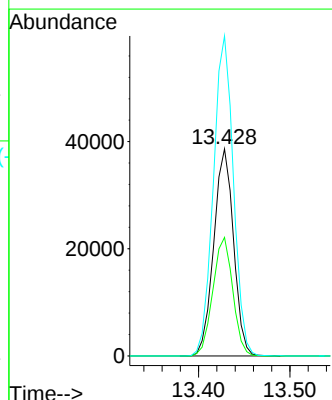
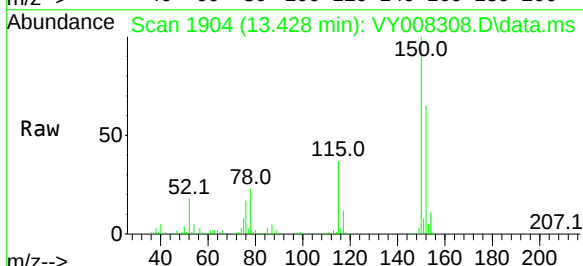
Tgt Ion:152 Resp: 58197

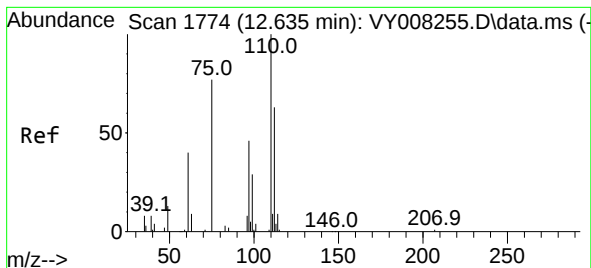
Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 156.3 0.0 347.6

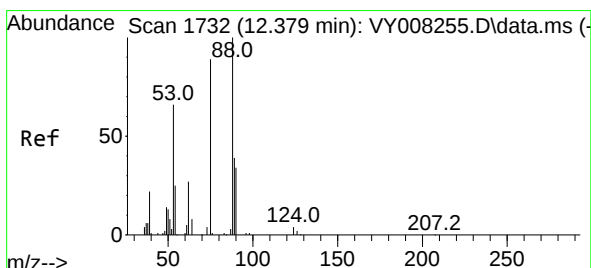
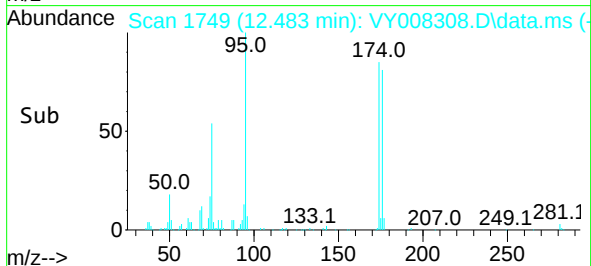
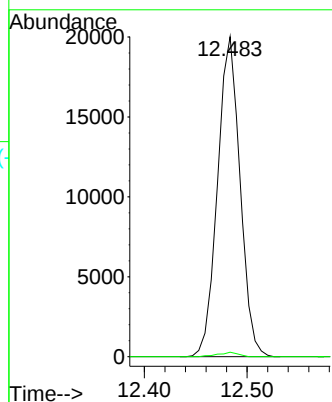
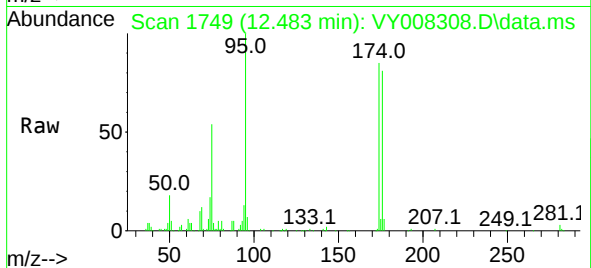




#76
1,2,3-Trichloropropane
Concen: 47.304 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008308.D
Acq: 13 Apr 2022 13:29

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-A

Tgt Ion: 75 Resp: 30447
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.841 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008308.D
Acq: 13 Apr 2022 13:29

Tgt Ion: 75 Resp: 30447
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

