

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008324.D
 Acq On : 14 Apr 2022 13:05
 Operator : KP/MD
 Sample : VY0414SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBL01

Quant Time: Apr 15 06:13:07 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)

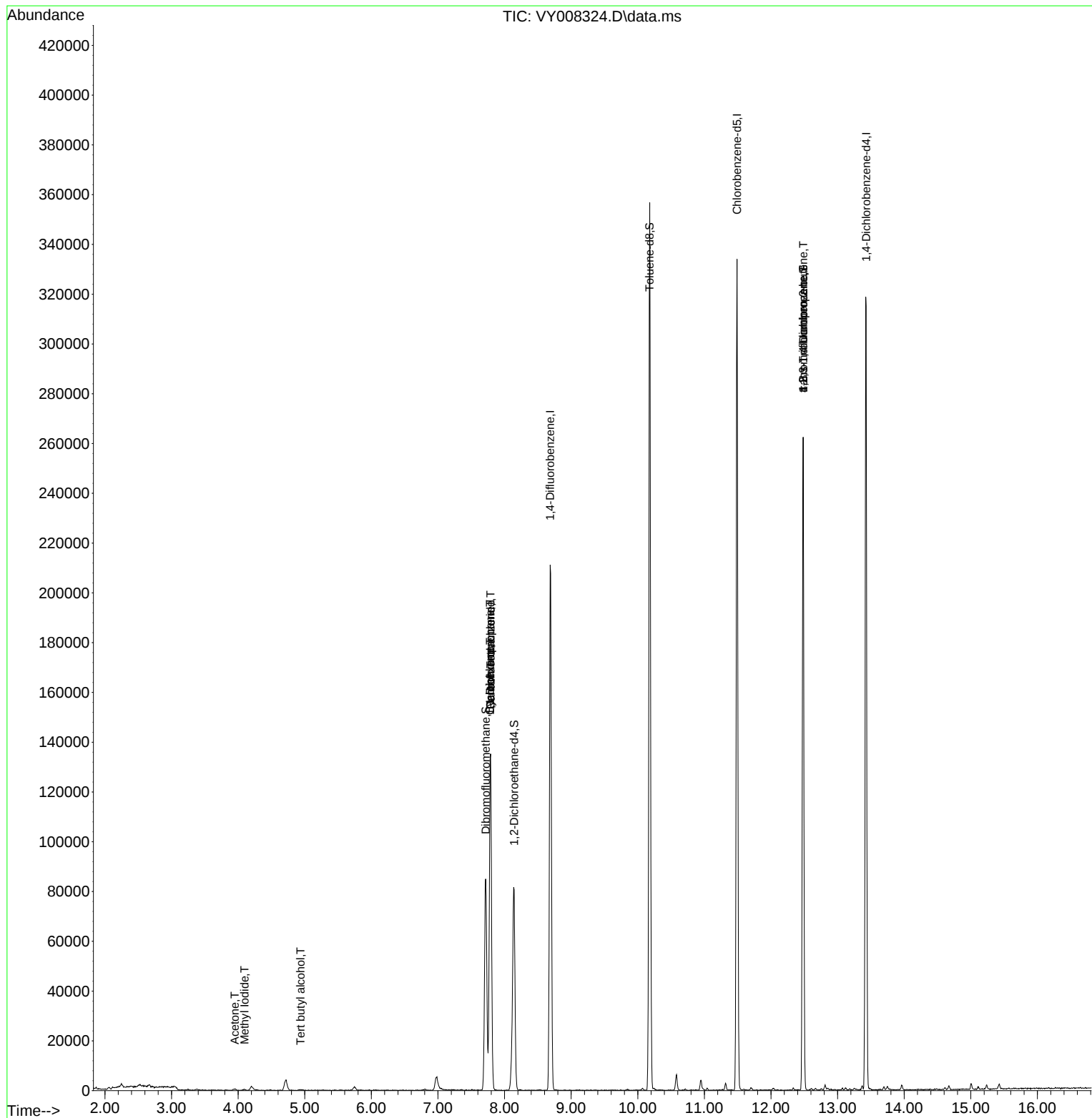
Internal Standards						
1) Pentafluorobenzene	7.789	168	107870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	192834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	185030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59341	58.565	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.140%			
35) Dibromofluoromethane	7.716	113	61266	55.007	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.020%			
50) Toluene-d8	10.179	98	235827	61.879	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 123.760%			
62) 4-Bromofluorobenzene	12.483	95	78136	54.509	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.020%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	328	Below Cal	#	74
5) Bromomethane	2.662	94	497	Below Cal		87
10) Methyl Iodide	4.095	142	546	2.783	ug/l #	65
11) Tert butyl alcohol	4.936	59	211	1.948	ug/l #	77
16) Acetone	3.948	43	1017	4.173	ug/l #	78
18) Methyl Acetate	4.485	43	253	Below Cal	#	56
20) Methylene Chloride	4.723	84	3570	Below Cal	#	68
31) Cyclohexane	7.783	56	2171	1.185	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8169	4.593	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10564	5.521	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	41385	45.478	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41385	101.755	ug/l #	7

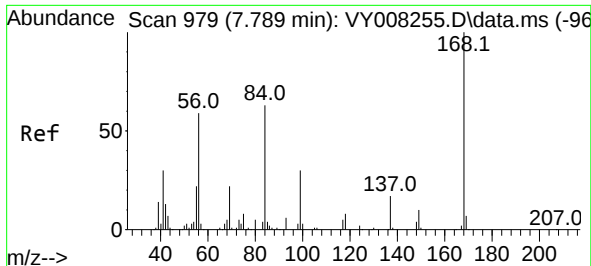
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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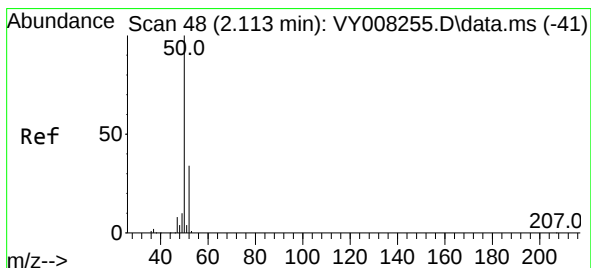
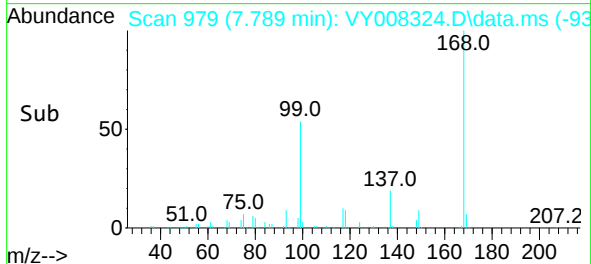
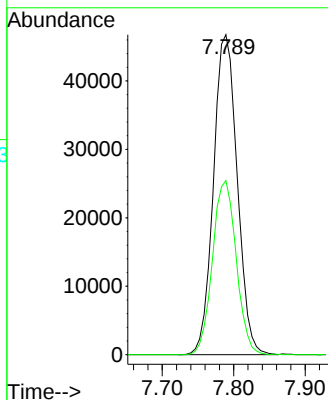
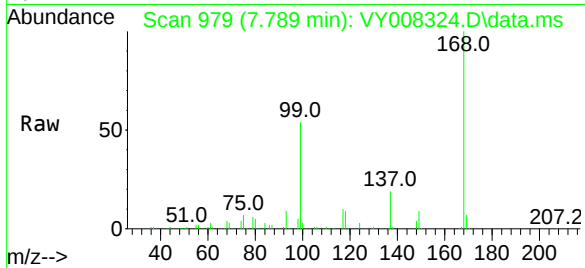




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008324.D
Acq: 14 Apr 2022 13:05

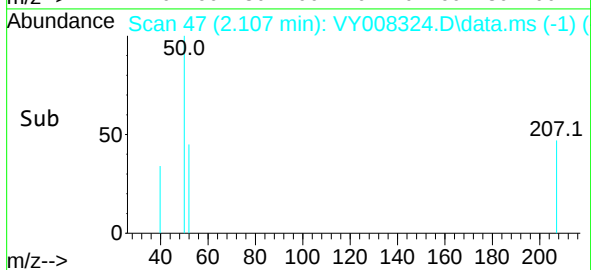
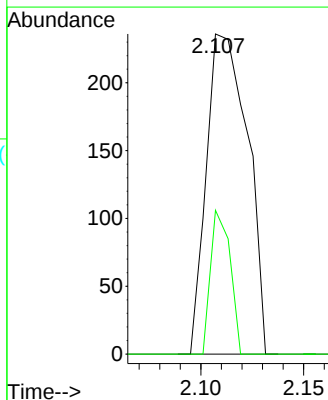
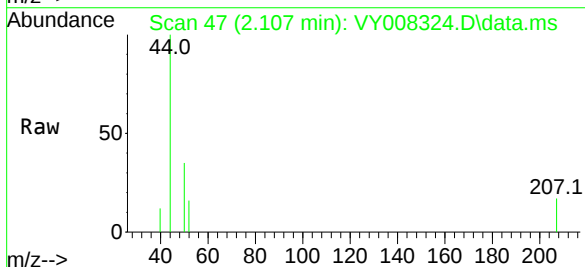
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

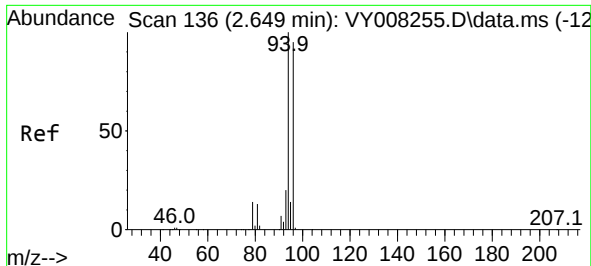
Tgt Ion:168 Resp: 107870
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008324.D
Acq: 14 Apr 2022 13:05

Tgt Ion: 50 Resp: 328
Ion Ratio Lower Upper
50 100
52 44.9 24.6 37.0#

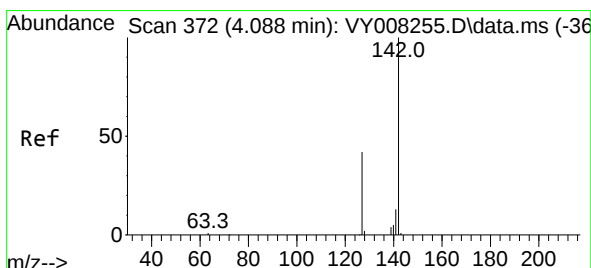
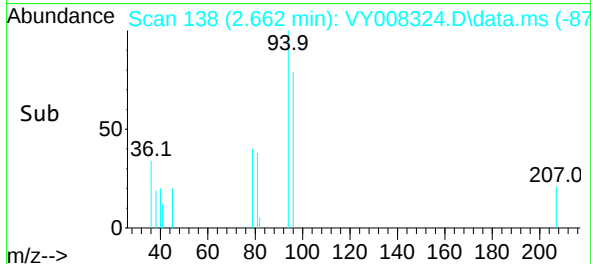
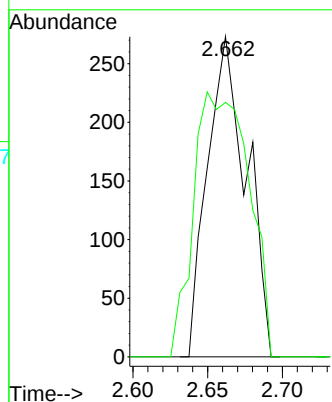
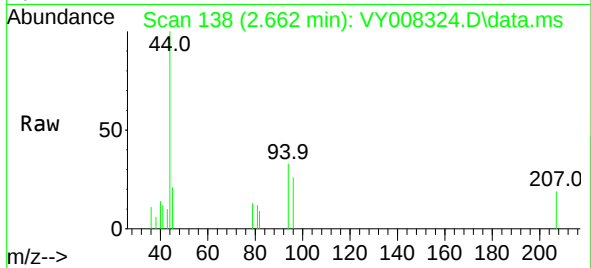




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008324.D
Acq: 14 Apr 2022 13:05

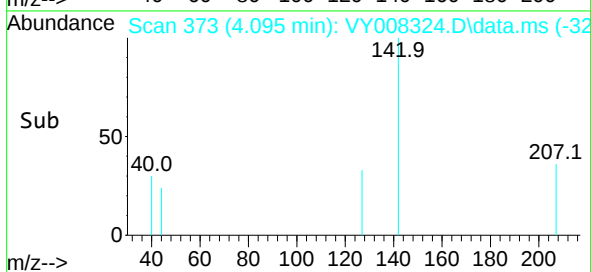
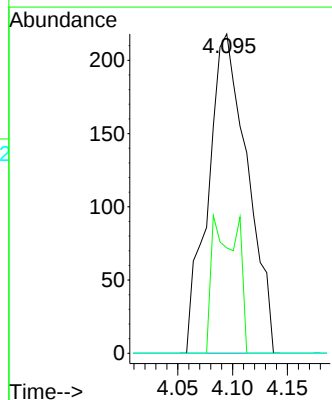
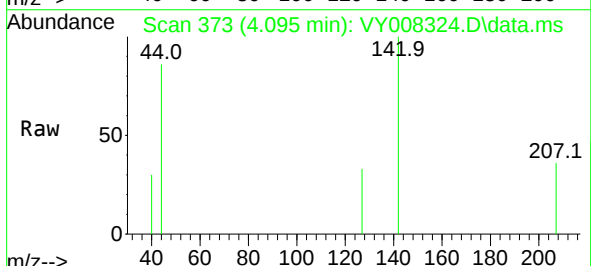
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

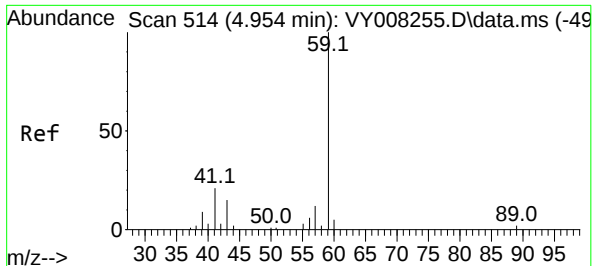
Tgt Ion: 94 Resp: 497
Ion Ratio Lower Upper
94 100
96 79.5 73.5 110.3



#10
Methyl Iodide
Concen: 2.783 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY008324.D
Acq: 14 Apr 2022 13:05

Tgt Ion:142 Resp: 546
Ion Ratio Lower Upper
142 100
127 27.1 41.5 62.3#
141 0.0 11.9 17.9#

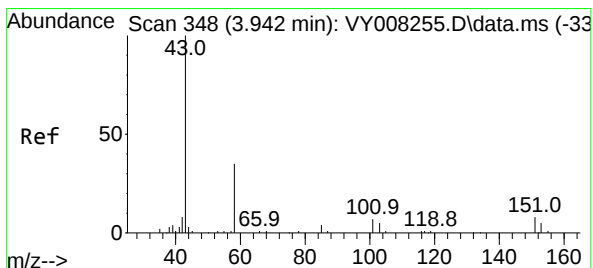
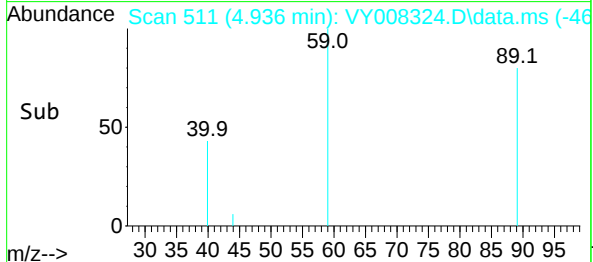
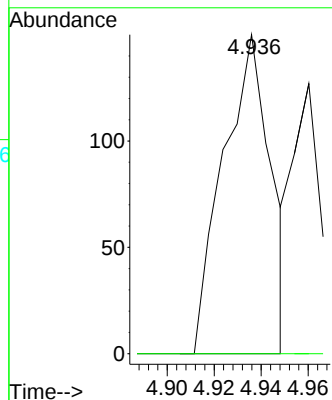
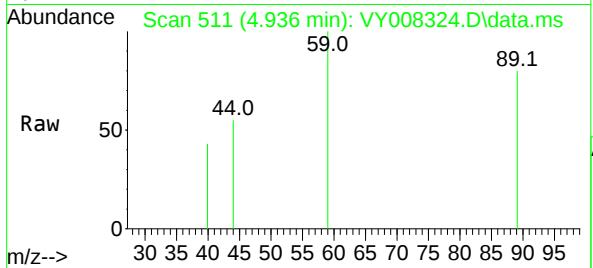




#11
Tert butyl alcohol
Concen: 1.948 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY008324.D
Acq: 14 Apr 2022 13:05

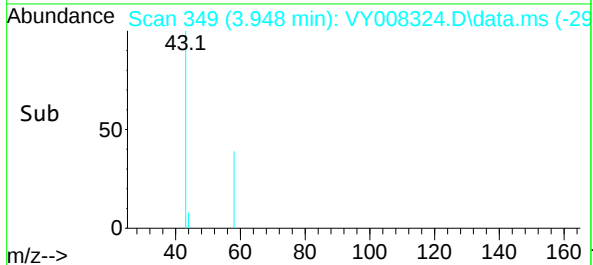
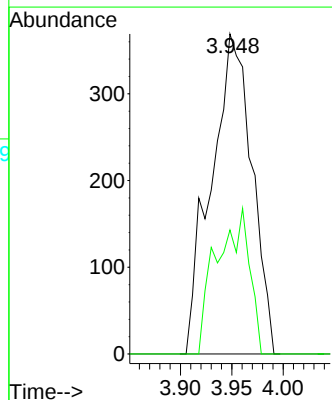
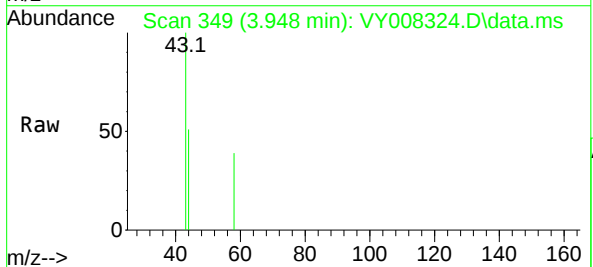
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

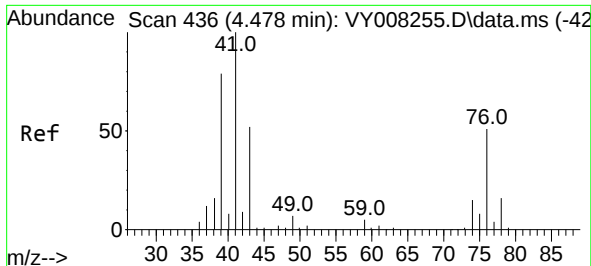
Tgt Ion: 59 Resp: 211
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 4.173 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008324.D
Acq: 14 Apr 2022 13:05

Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
58 38.8 22.0 33.0#

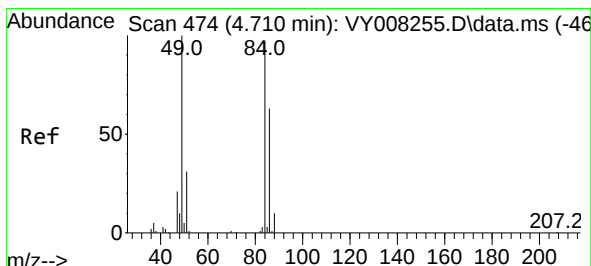
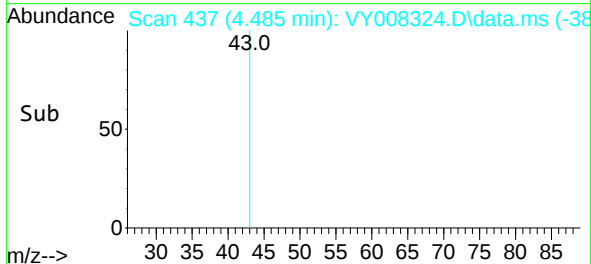
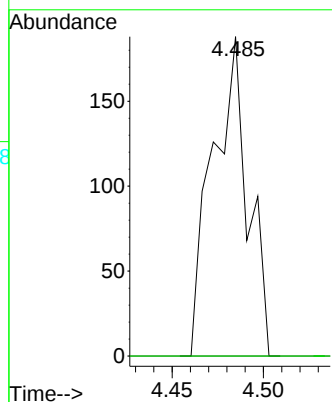
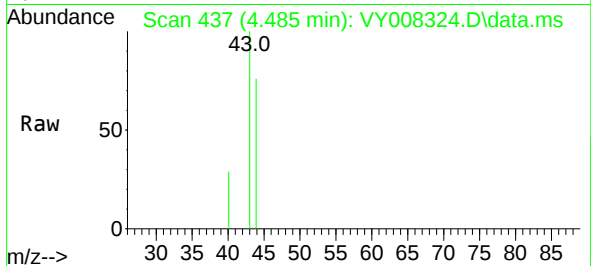




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY008324.D
Acq: 14 Apr 2022 13:05

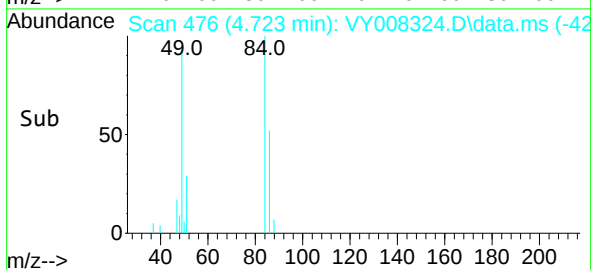
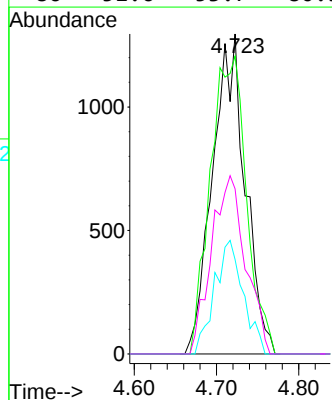
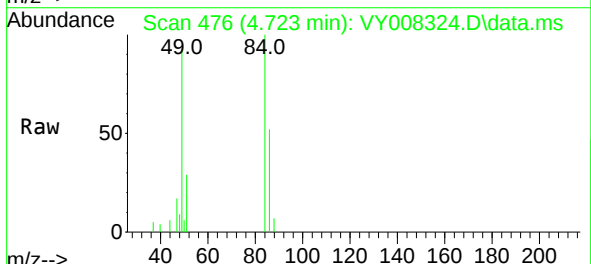
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

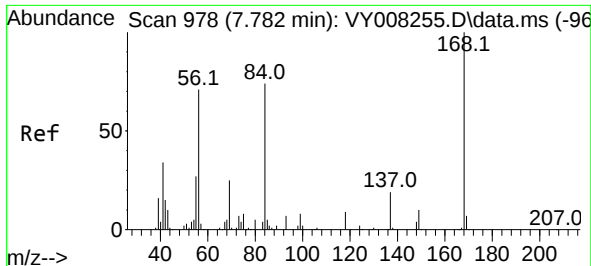
Tgt Ion: 43 Resp: 253
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY008324.D
Acq: 14 Apr 2022 13:05

Tgt Ion: 84 Resp: 3570
Ion Ratio Lower Upper
84 100
49 93.1 114.4 171.6#
51 29.5 35.3 52.9#
86 51.6 53.7 80.5#

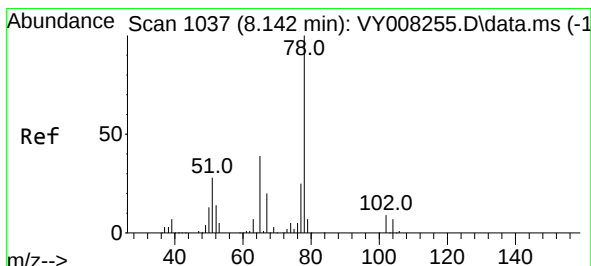
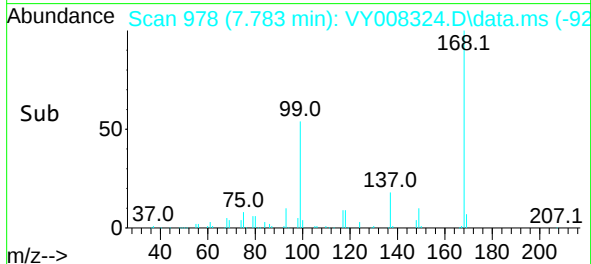
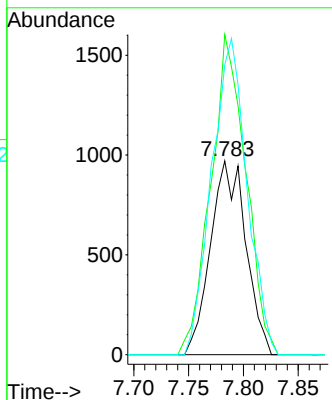
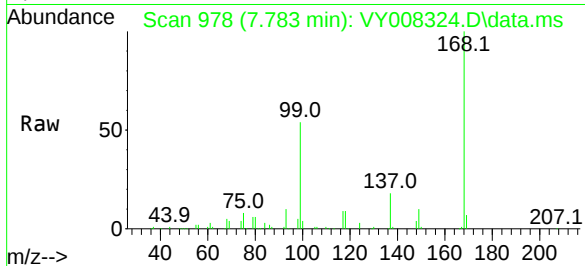




#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008324.D
Acq: 14 Apr 2022 13:05

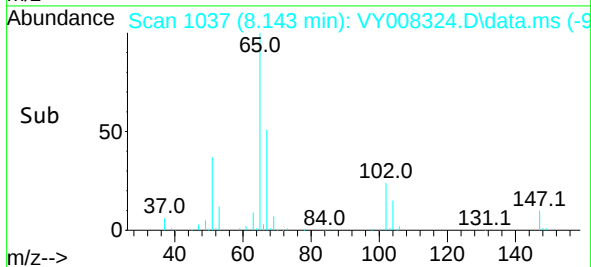
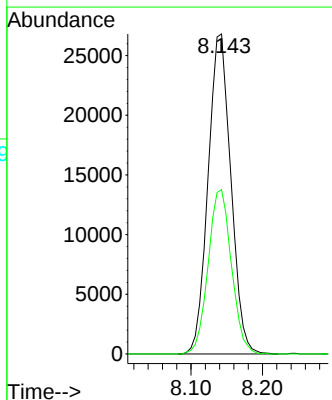
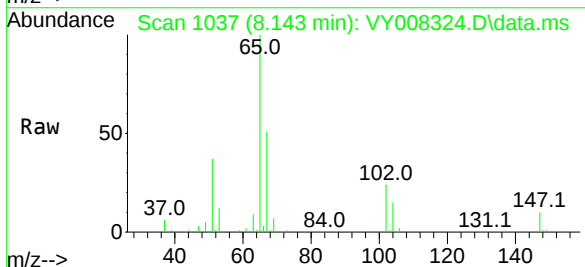
Instrument :
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ClientSampleId :
VY0414SBL01

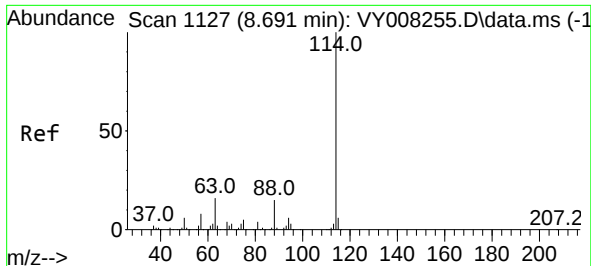
Tgt Ion: 56 Resp: 2171
Ion Ratio Lower Upper
56 100
69 165.1 26.7 40.1#
84 149.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.565 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008324.D
Acq: 14 Apr 2022 13:05

Tgt Ion: 65 Resp: 59341
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008324.D

Acq: 14 Apr 2022 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBL01

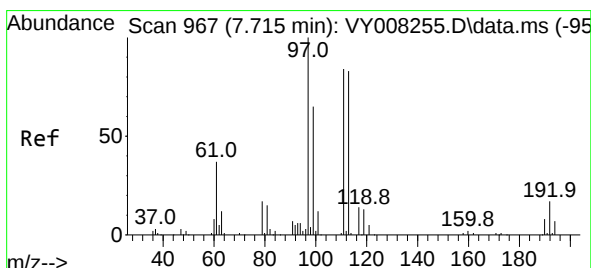
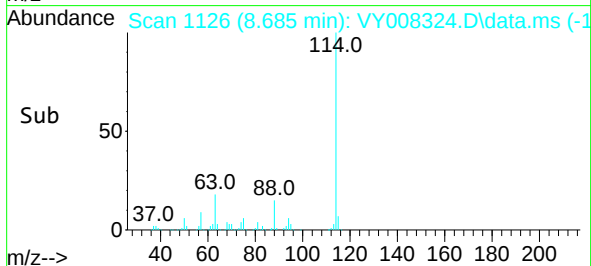
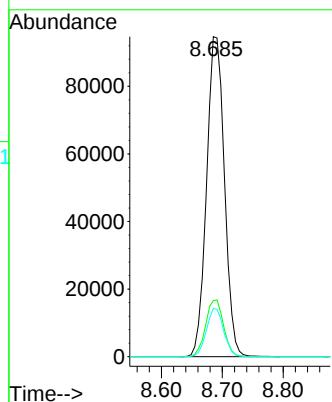
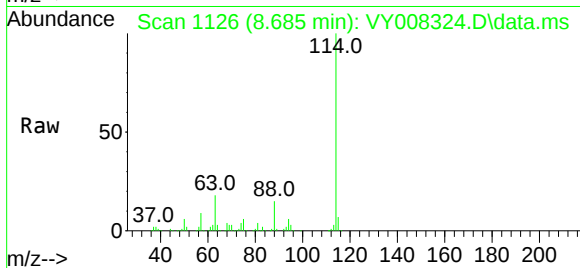
Tgt Ion:114 Resp: 192834

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.007 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008324.D

Acq: 14 Apr 2022 13:05

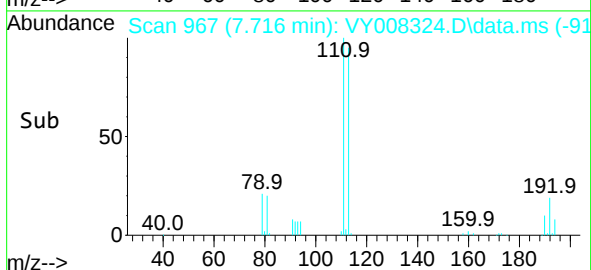
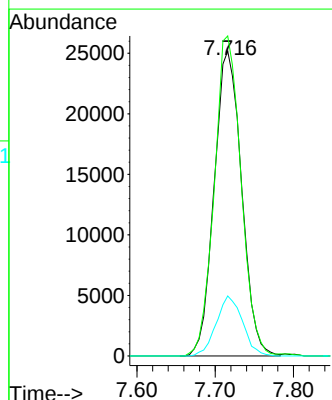
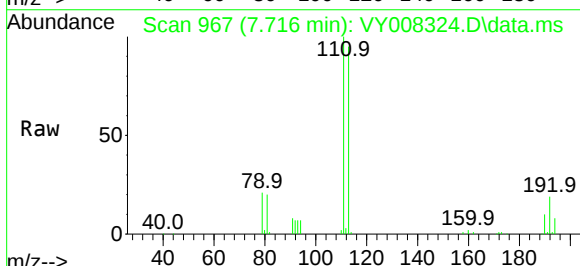
Tgt Ion:113 Resp: 61266

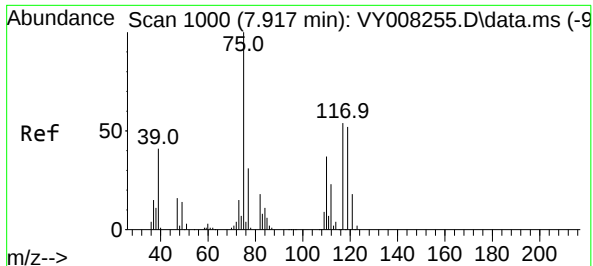
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 18.9 17.6 26.4

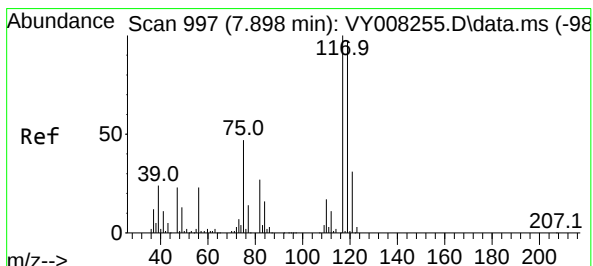
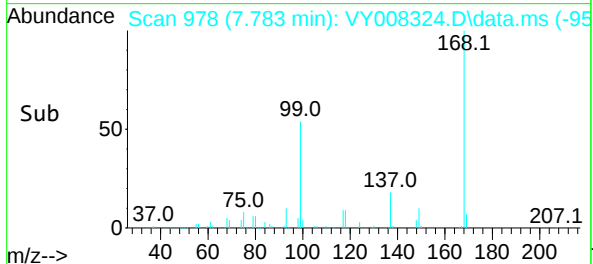
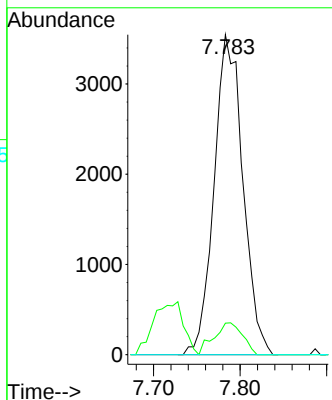
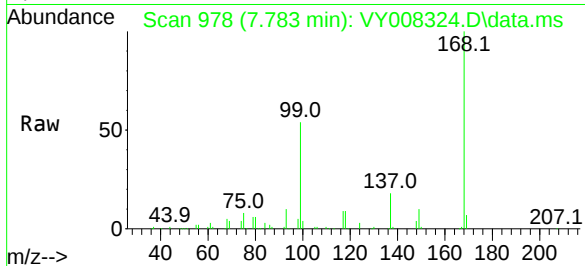




#36
 1,1-Dichloropropene
 Concen: 4.593 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY008324.D
 Acq: 14 Apr 2022 13:05

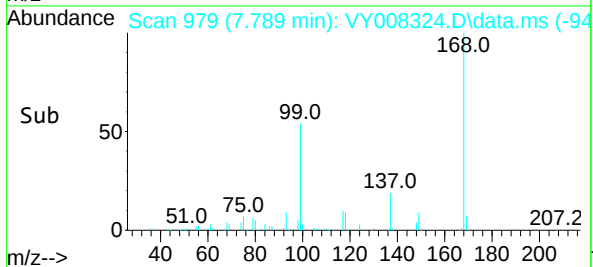
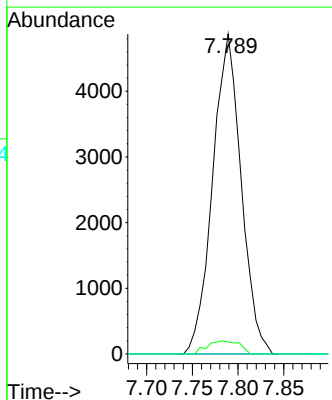
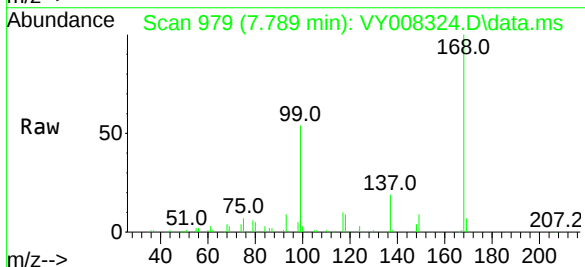
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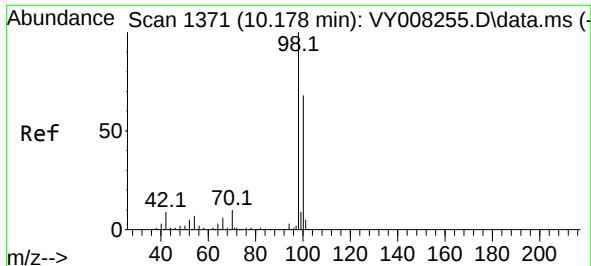
Tgt Ion: 75 Resp: 8169
 Ion Ratio Lower Upper
 75 100
 110 9.9 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.521 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.109 min
 Lab File: VY008324.D
 Acq: 14 Apr 2022 13:05

Tgt Ion: 117 Resp: 10564
 Ion Ratio Lower Upper
 117 100
 119 3.7 77.9 116.9#
 121 0.0 24.8 37.2#

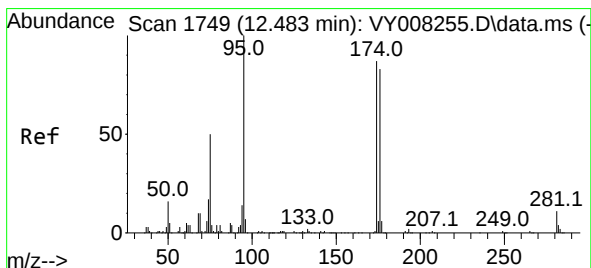
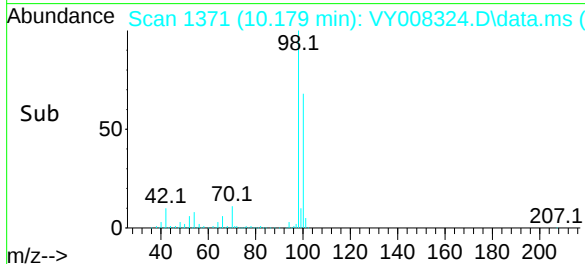
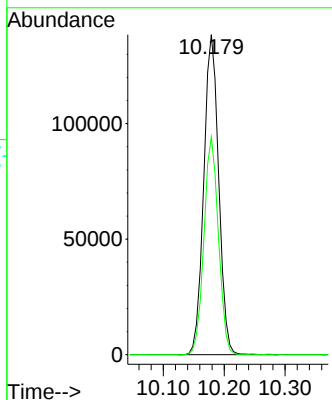
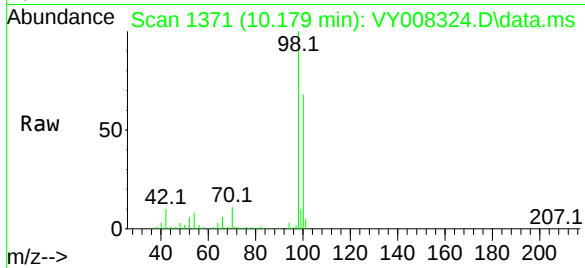




#50
Toluene-d8
Concen: 61.879 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008324.D
Acq: 14 Apr 2022 13:05

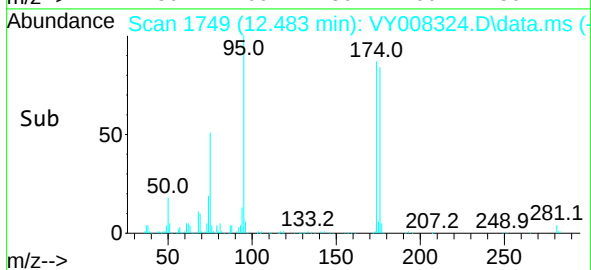
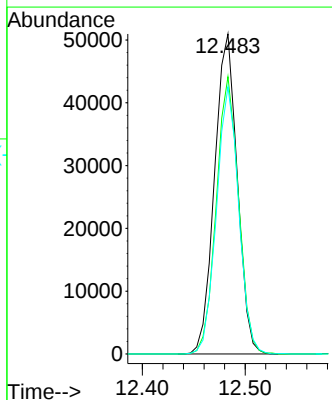
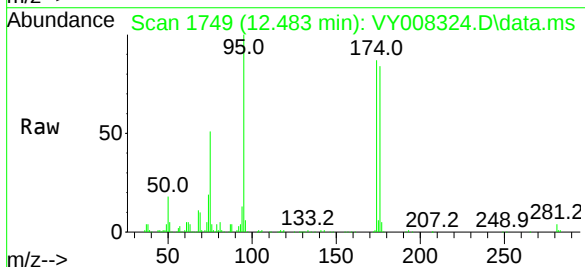
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

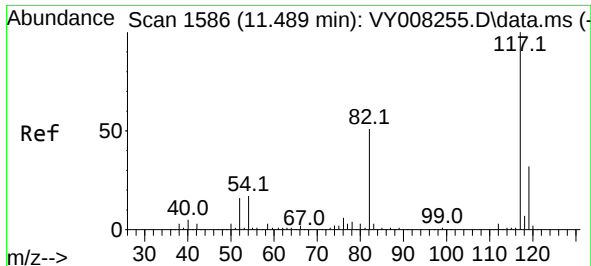
Tgt Ion: 98 Resp: 235827
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.509 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008324.D
Acq: 14 Apr 2022 13:05

Tgt Ion: 95 Resp: 78136
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 81.5 0.0 175.8

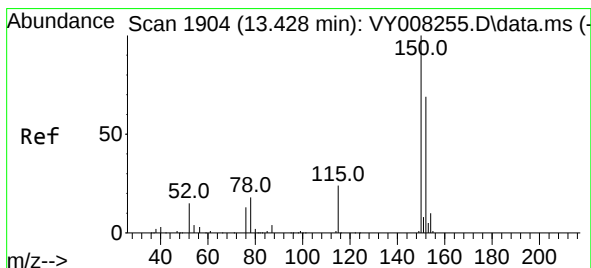
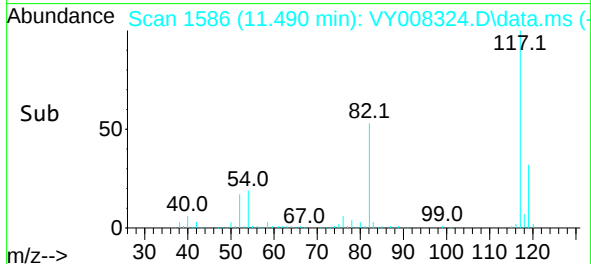
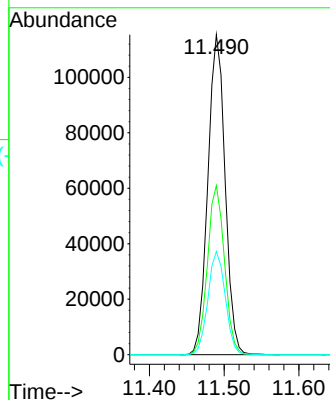
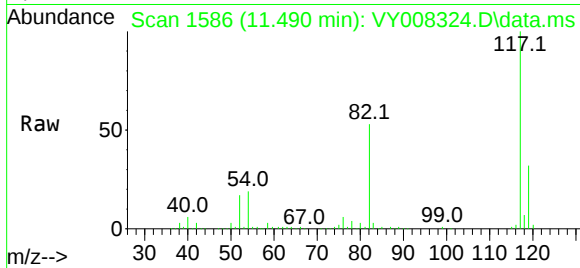




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008324.D
Acq: 14 Apr 2022 13:05

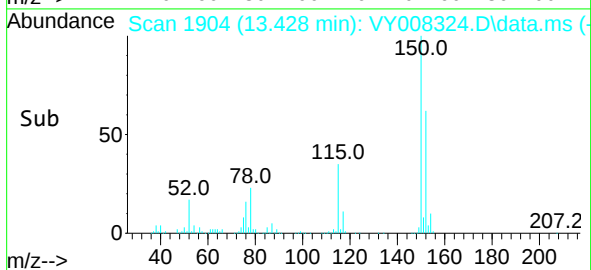
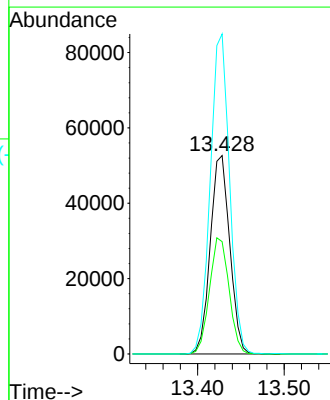
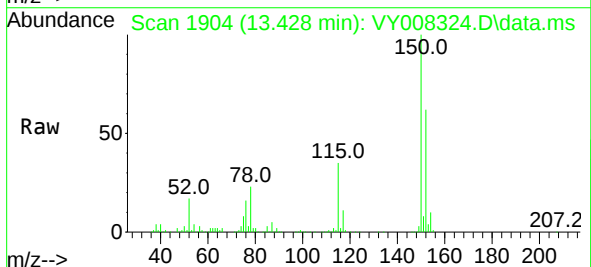
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

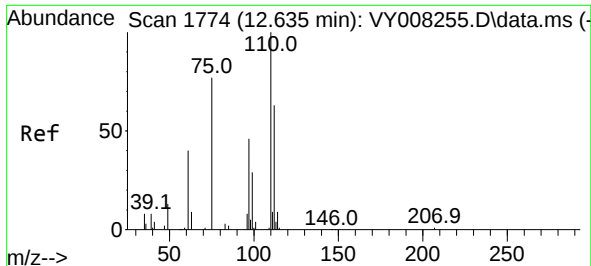
Tgt Ion:117 Resp: 185030
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008324.D
Acq: 14 Apr 2022 13:05

Tgt Ion:152 Resp: 82281
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 159.3 0.0 347.6

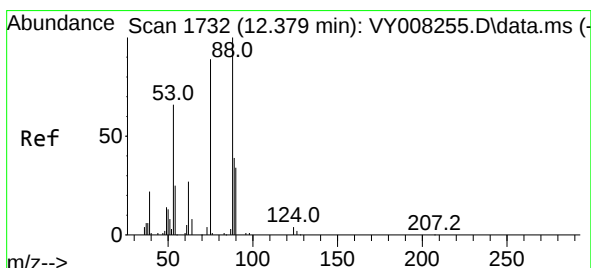
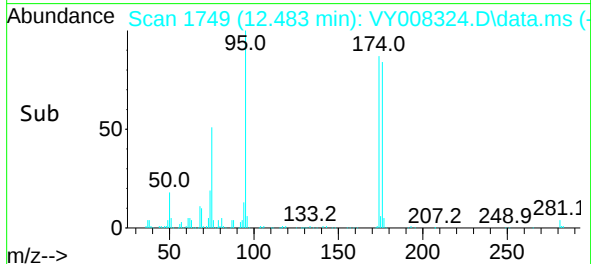
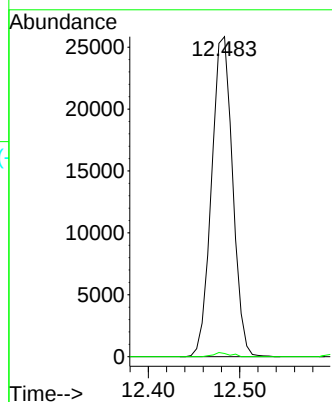
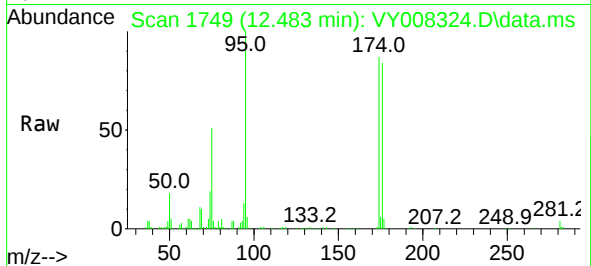




#76
1,2,3-Trichloropropane
Concen: 45.478 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008324.D
Acq: 14 Apr 2022 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

Tgt Ion: 75 Resp: 41385
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.755 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008324.D
Acq: 14 Apr 2022 13:05

Tgt Ion: 75 Resp: 41385
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

