

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007663.D
 Acq On : 01 Mar 2022 13:17
 Operator : SY/MD
 Sample : VY0301SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0301SBL01

Quant Time: Mar 02 07:49:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

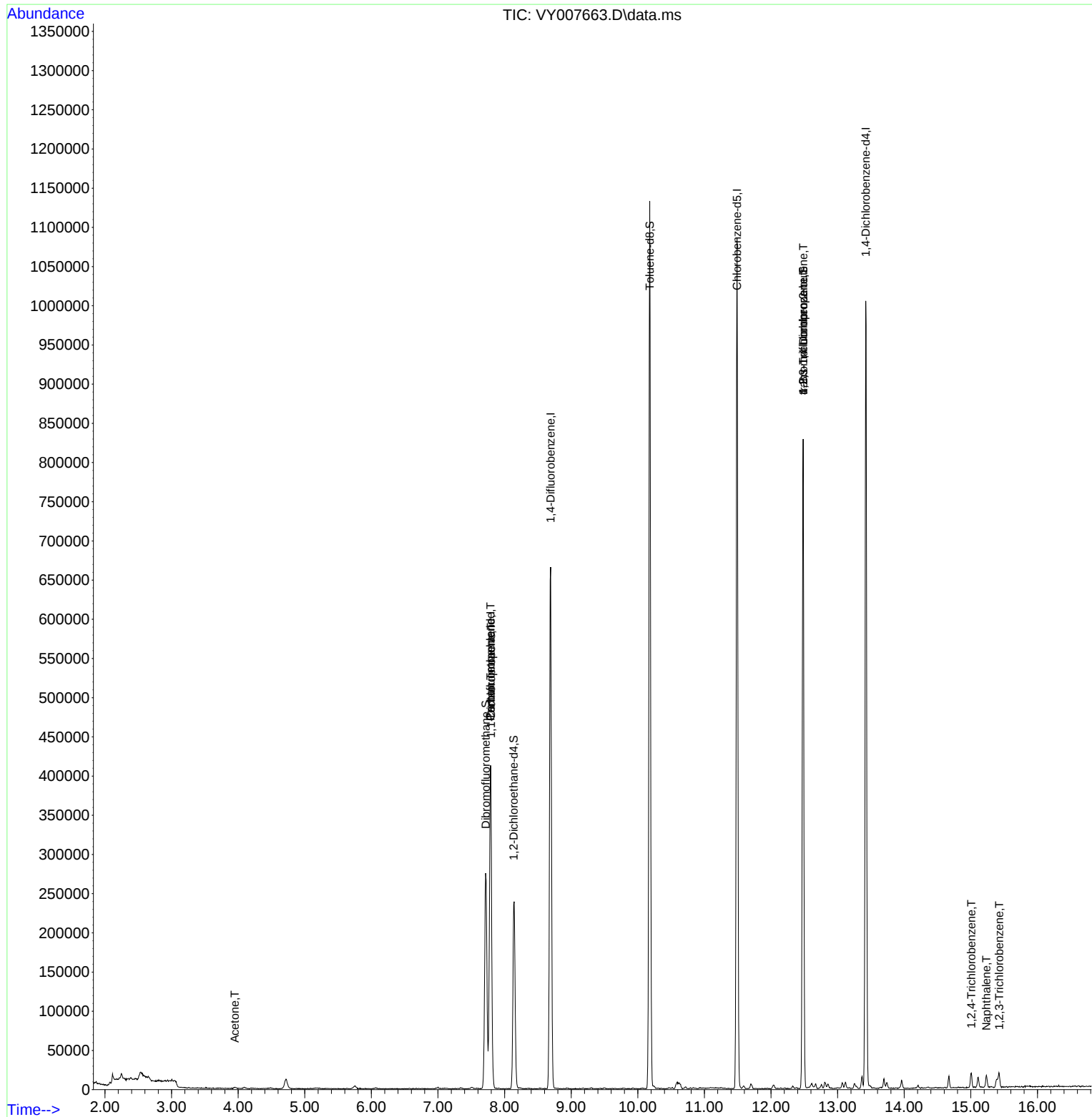
Internal Standards						
1) Pentafluorobenzene	7.789	168	327835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	584880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	573571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	256084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	184506	53.758	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.520%			
35) Dibromofluoromethane	7.716	113	192603	51.507	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.020%			
50) Toluene-d8	10.179	98	733805	53.311	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.620%			
62) 4-Bromofluorobenzene	12.483	95	230616	51.976	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	138	Below Cal	#	56
3) Chloromethane	2.113	50	6415	Below Cal	#	75
13) Acrolein	3.710	56	166	Below Cal	#	14
16) Acetone	3.948	43	2534	3.629 ug/l	#	78
17) Carbon Disulfide	4.192	76	666	Below Cal	#	51
18) Methyl Acetate	4.485	43	1178	Below Cal		96
20) Methylene Chloride	4.722	84	8534	Below Cal	#	69
31) Cyclohexane	7.795	56	7280	Below Cal	#	1
36) 1,1-Dichloropropene	7.795	75	24374	4.144 ug/l	#	45
38) Carbon Tetrachloride	7.789	117	31455	5.013 ug/l	#	15
76) 1,2,3-Trichloropropane	12.483	75	129032	45.118 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	129032	92.239 ug/l	#	7
93) 1,2,4-Trichlorobenzene	15.007	180	5763	1.121 ug/l		96
95) Naphthalene	15.233	128	12068	1.154 ug/l	#	97
96) 1,2,3-Trichlorobenzene	15.428	180	5683	1.240 ug/l		94

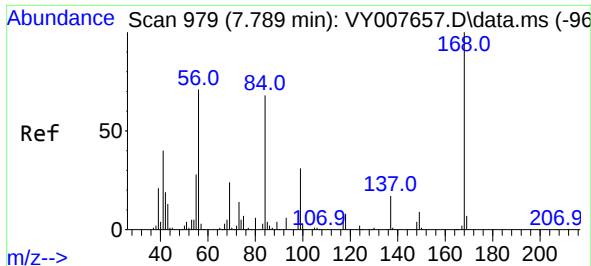
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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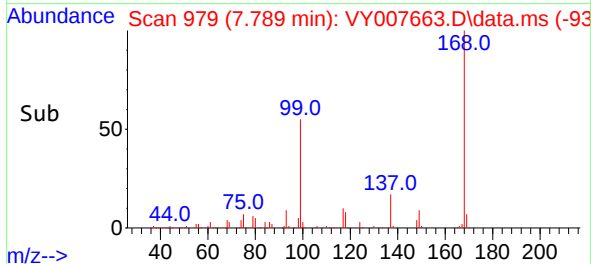
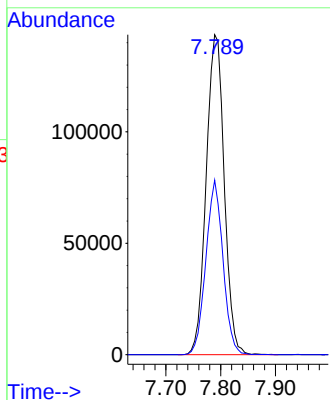
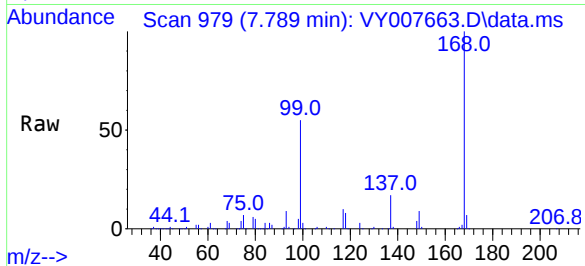




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007663.D
Acq: 01 Mar 2022 13:17

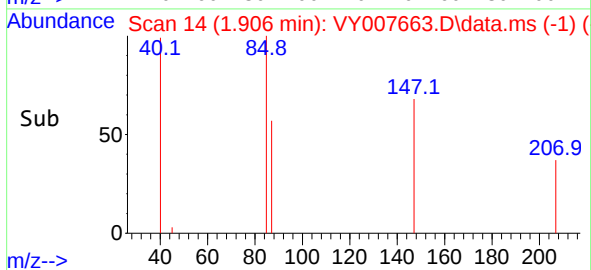
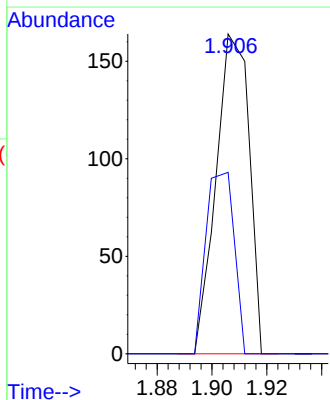
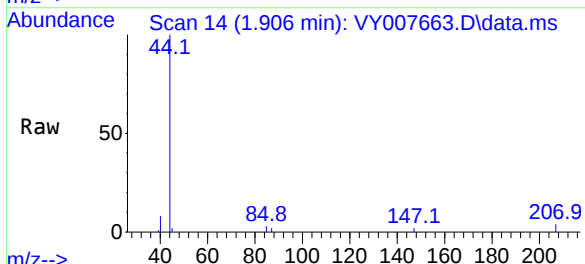
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBL01

Tgt Ion:168 Resp: 327835
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3

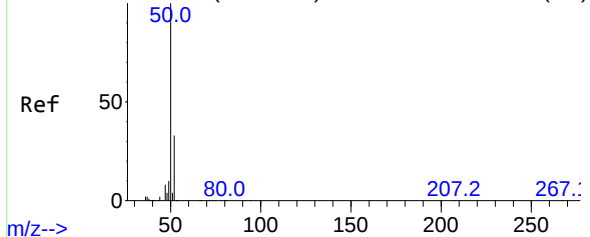


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007663.D
Acq: 01 Mar 2022 13:17

Tgt Ion: 85 Resp: 138
Ion Ratio Lower Upper
85 100
87 56.7 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007663.D

Acq: 01 Mar 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBL01

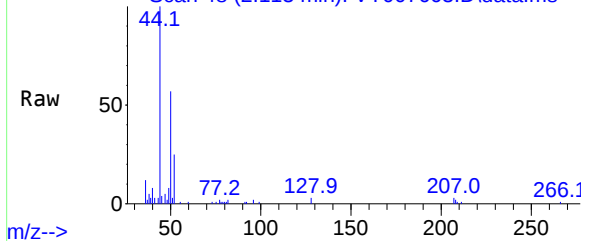
Tgt Ion: 50 Resp: 6415

Ion Ratio Lower Upper

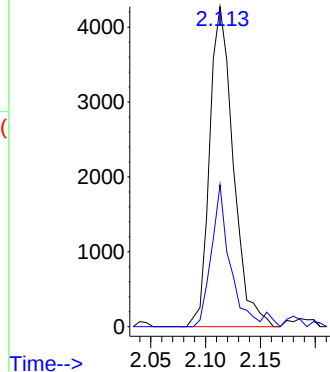
50 100

52 44.3 24.6 37.0#

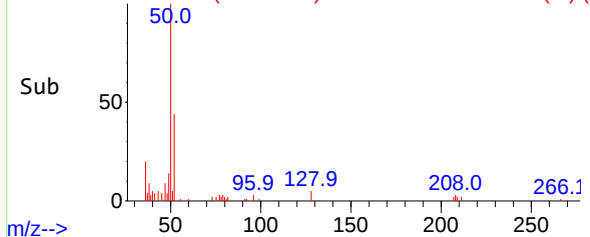
Abundance Scan 48 (2.113 min): VY007663.D\data.ms



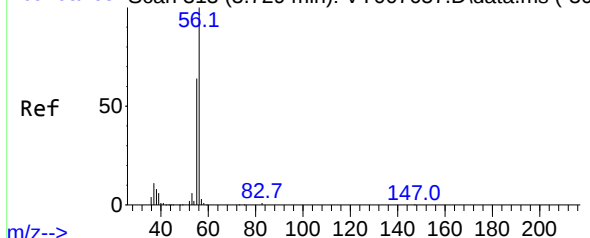
Abundance



Abundance Scan 48 (2.113 min): VY007663.D\data.ms (-1)



Abundance Scan 313 (3.729 min): VY007657.D\data.ms (-30)



#13

Acrolein

Concen: Below Cal

RT: 3.710 min Scan# 310

Delta R.T. -0.019 min

Lab File: VY007663.D

Acq: 01 Mar 2022 13:17

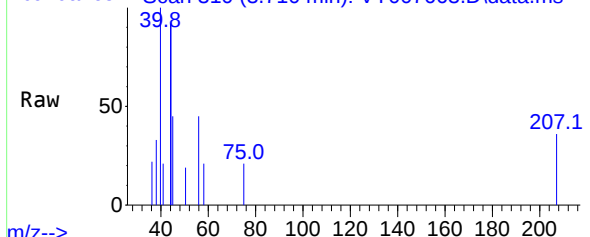
Tgt Ion: 56 Resp: 166

Ion Ratio Lower Upper

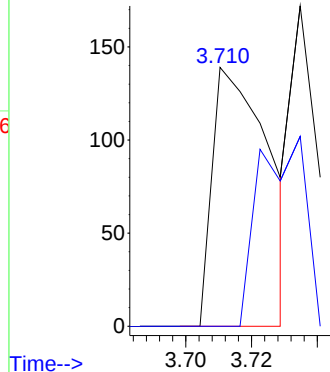
56 100

55 0.0 57.6 86.4#

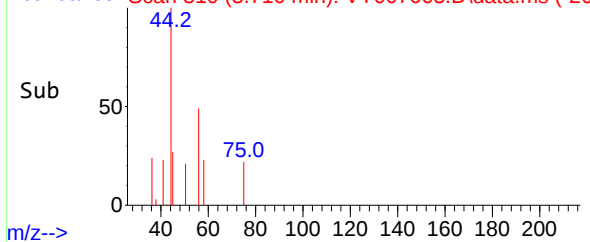
Abundance Scan 310 (3.710 min): VY007663.D\data.ms

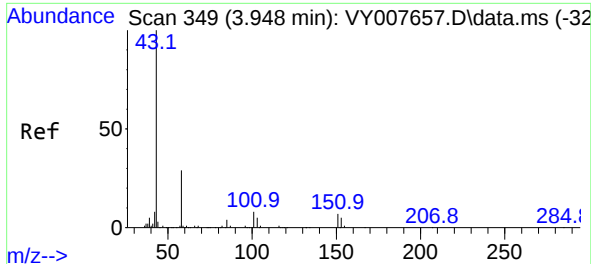


Abundance



Abundance Scan 310 (3.710 min): VY007663.D\data.ms (-26)





#16

Acetone

Concen: 3.629 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY007663.D

Acq: 01 Mar 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

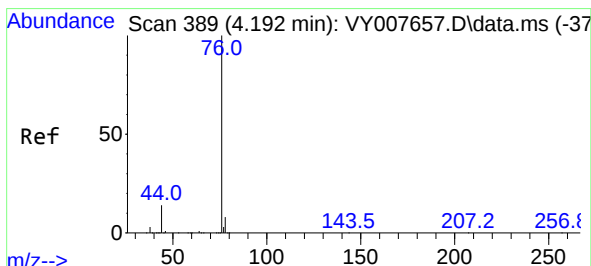
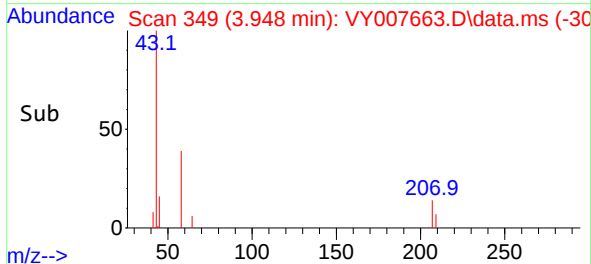
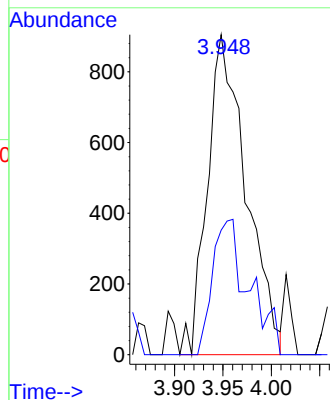
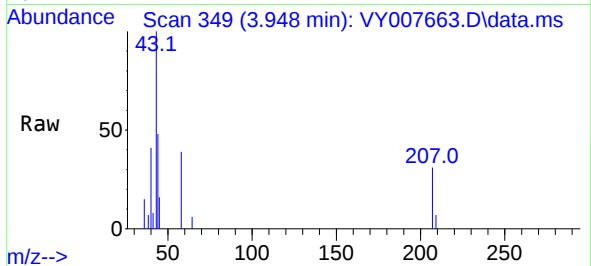
VY0301SBL01

Tgt Ion: 43 Resp: 2534

Ion Ratio Lower Upper

43 100

58 38.9 22.0 33.0#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY007663.D

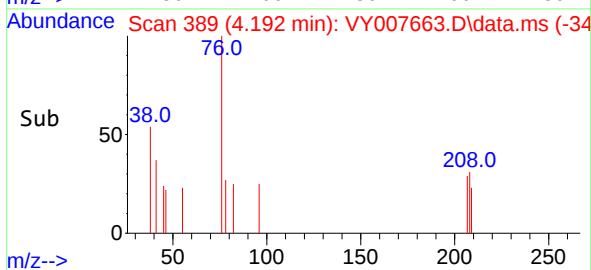
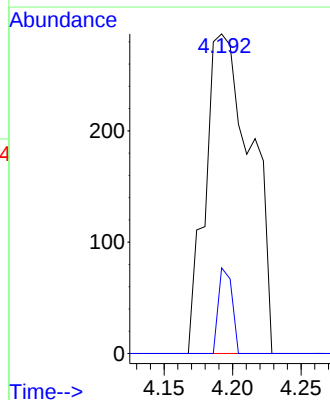
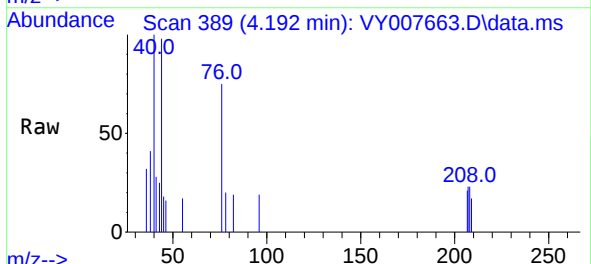
Acq: 01 Mar 2022 13:17

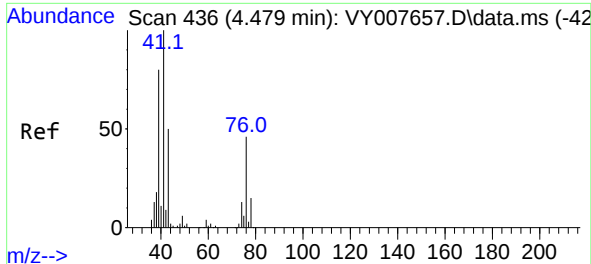
Tgt Ion: 76 Resp: 666

Ion Ratio Lower Upper

76 100

78 26.8 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.485 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY007663.D

Acq: 01 Mar 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

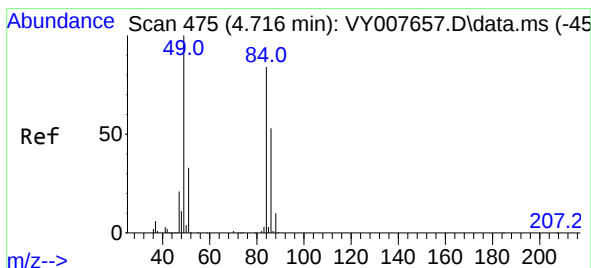
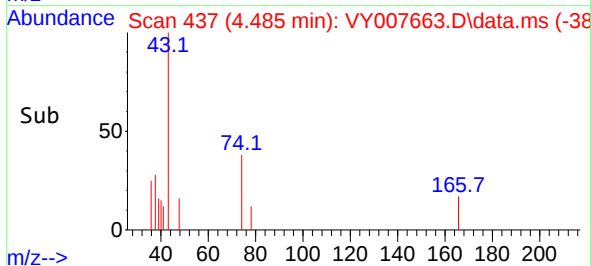
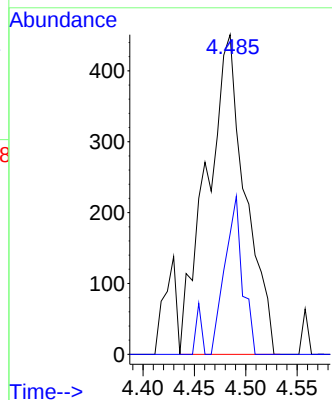
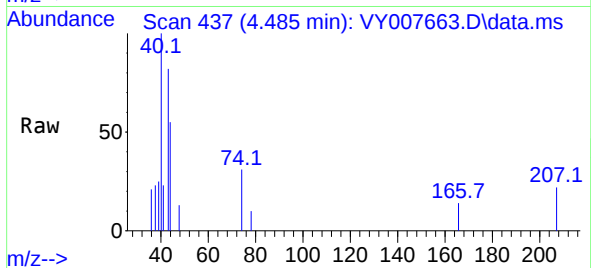
VY0301SBL01

Tgt Ion: 43 Resp: 1178

Ion Ratio Lower Upper

43 100

74 22.7 16.6 24.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY007663.D

Acq: 01 Mar 2022 13:17

Tgt Ion: 84 Resp: 8534

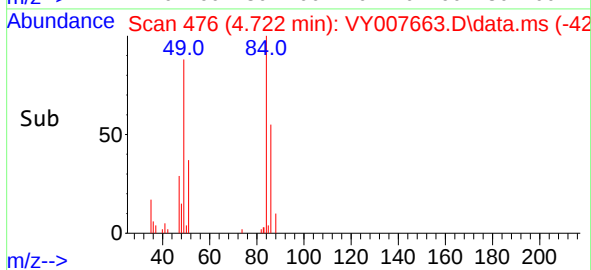
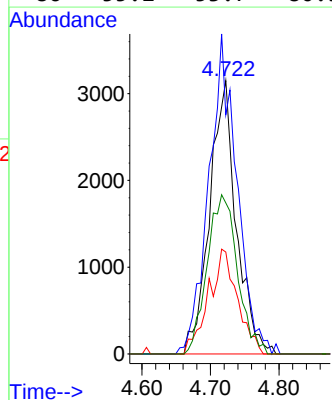
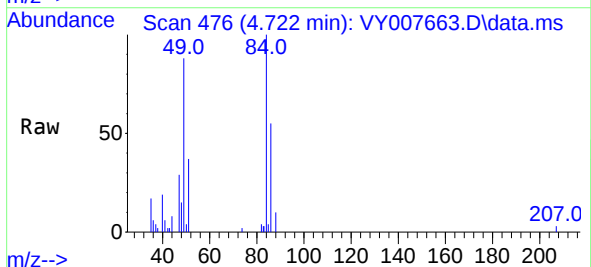
Ion Ratio Lower Upper

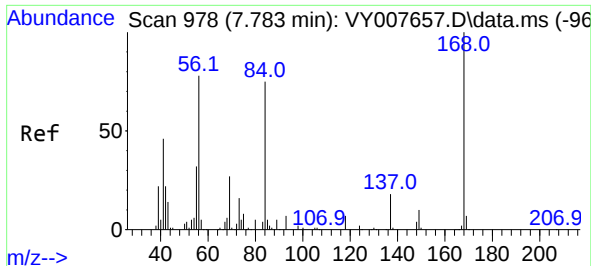
84 100

49 87.5 114.4 171.6#

51 37.3 35.3 52.9

86 55.2 53.7 80.5

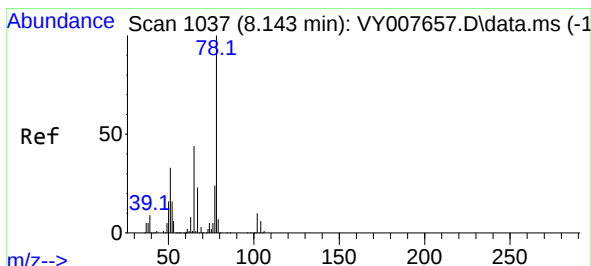
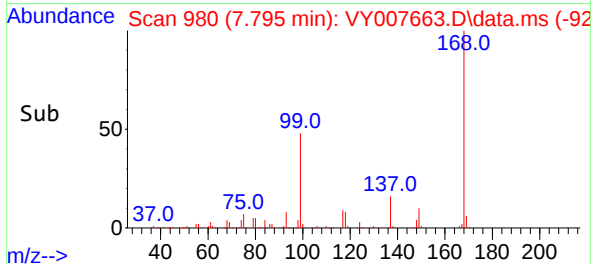
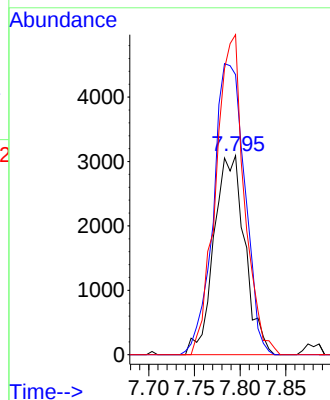
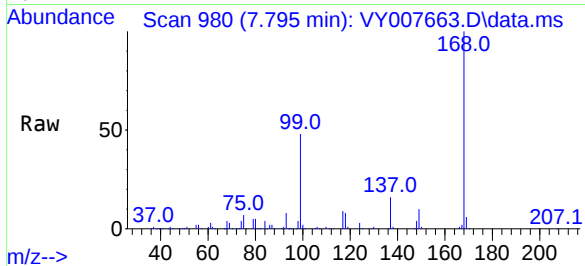




#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007663.D
Acq: 01 Mar 2022 13:17

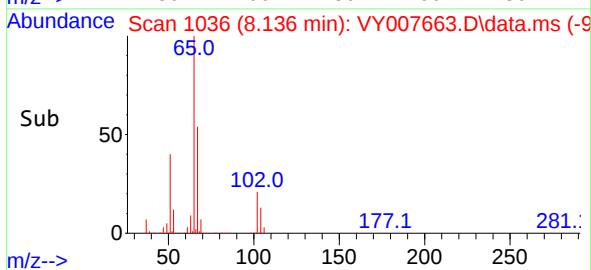
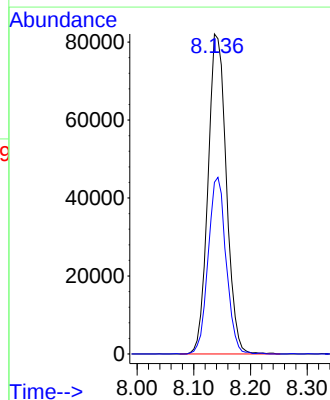
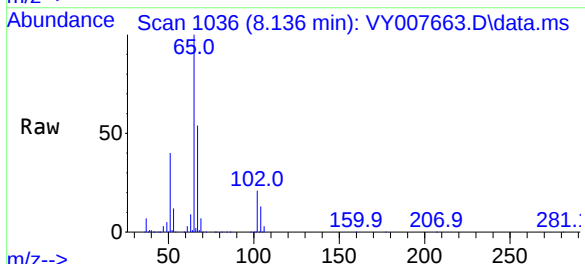
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBL01

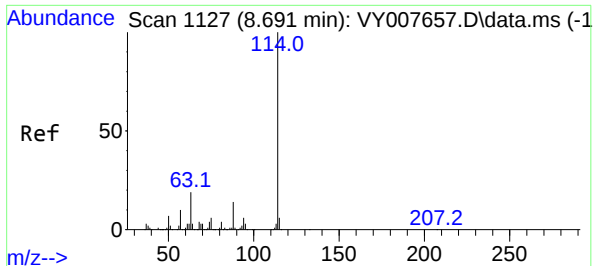
Tgt Ion: 56 Resp: 7280
Ion Ratio Lower Upper
56 100
69 140.7 26.7 40.1#
84 160.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.758 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY007663.D
Acq: 01 Mar 2022 13:17

Tgt Ion: 65 Resp: 184506
Ion Ratio Lower Upper
65 100
67 54.0 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: VY007663.D

Acq: 01 Mar 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBL01

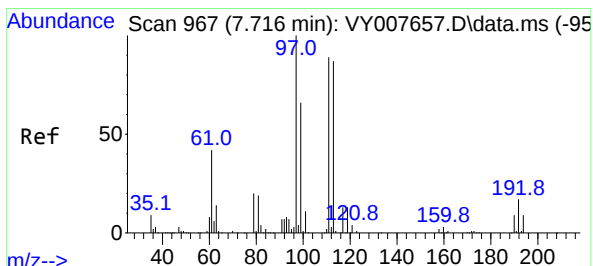
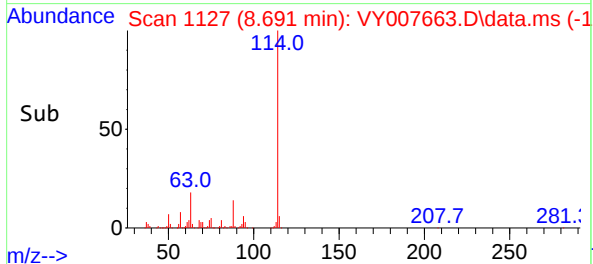
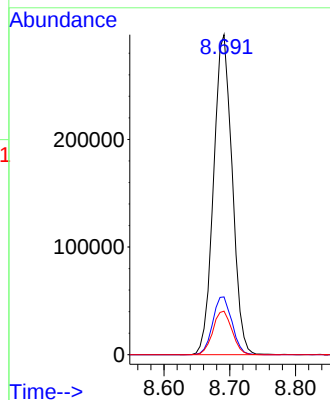
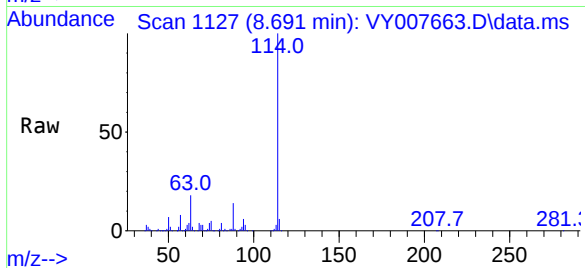
Tgt Ion:114 Resp: 584880

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.507 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007663.D

Acq: 01 Mar 2022 13:17

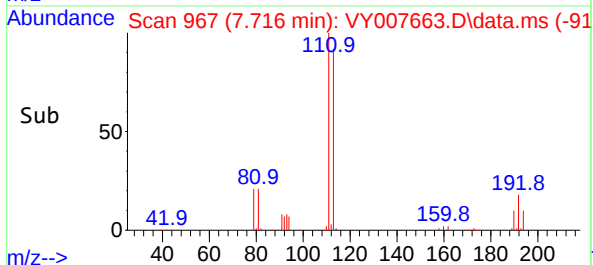
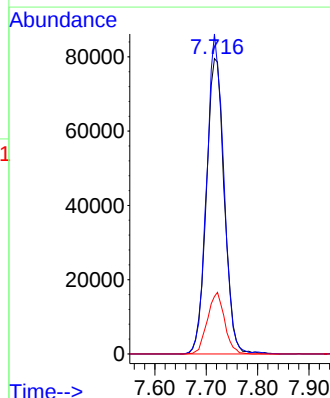
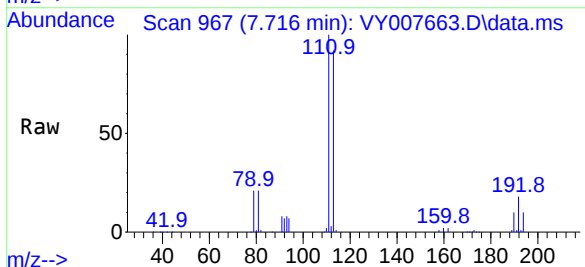
Tgt Ion:113 Resp: 192603

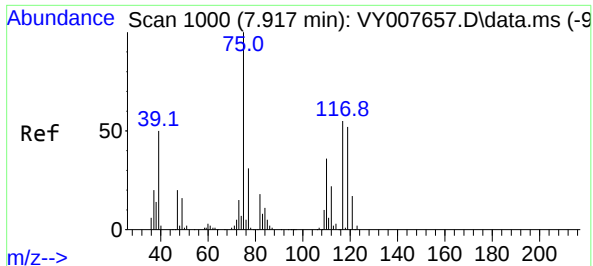
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 20.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.144 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.122 min

Lab File: VY007663.D

Acq: 01 Mar 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBL01

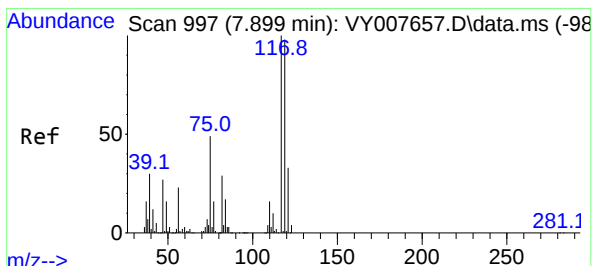
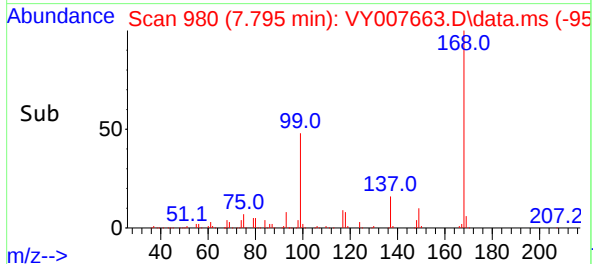
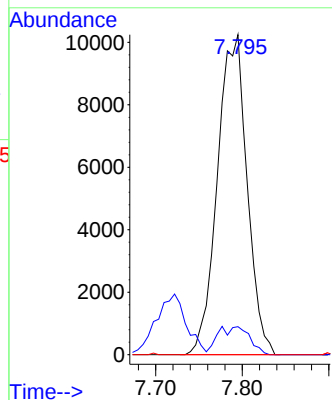
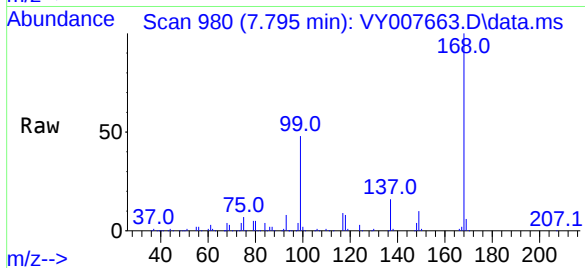
Tgt Ion: 75 Resp: 24374

Ion Ratio Lower Upper

75 100

110 3.1 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.013 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007663.D

Acq: 01 Mar 2022 13:17

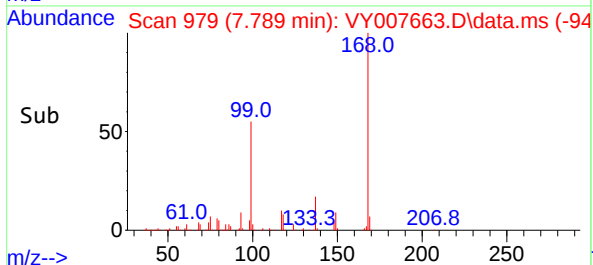
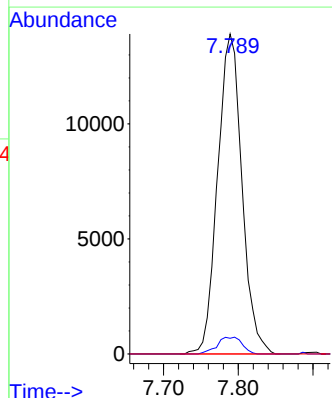
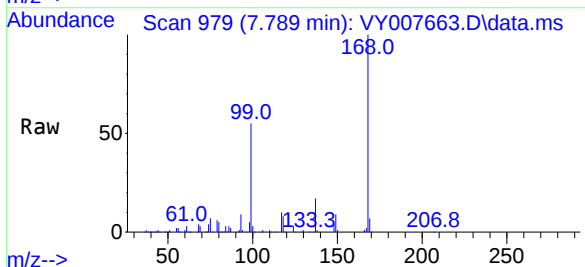
Tgt Ion: 117 Resp: 31455

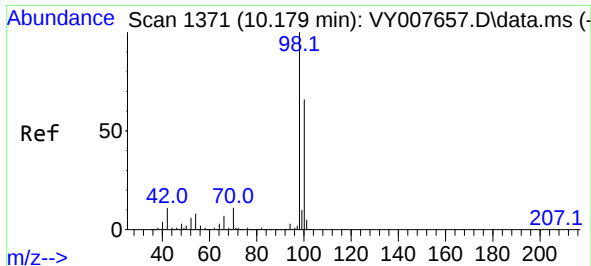
Ion Ratio Lower Upper

117 100

119 4.9 77.9 116.9#

121 0.0 24.8 37.2#

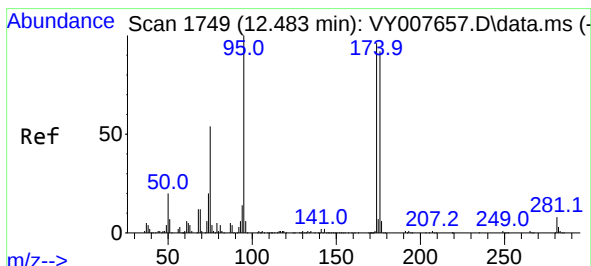
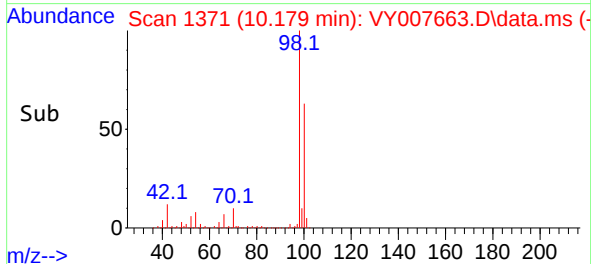
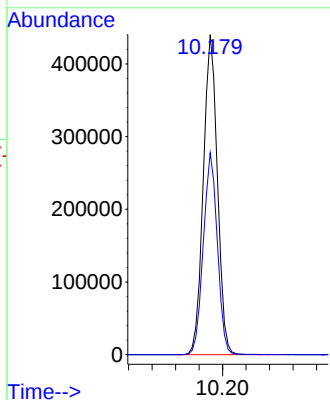
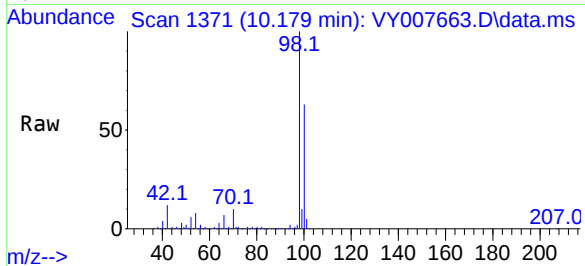




#50
Toluene-d8
Concen: 53.311 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007663.D
Acq: 01 Mar 2022 13:17

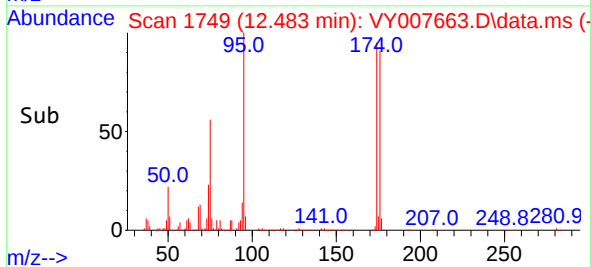
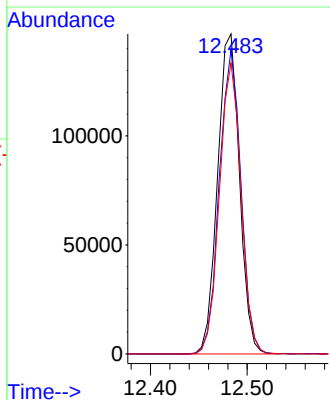
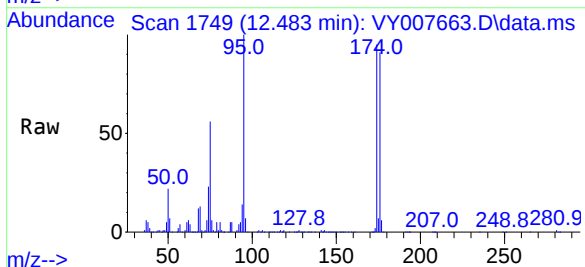
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBL01

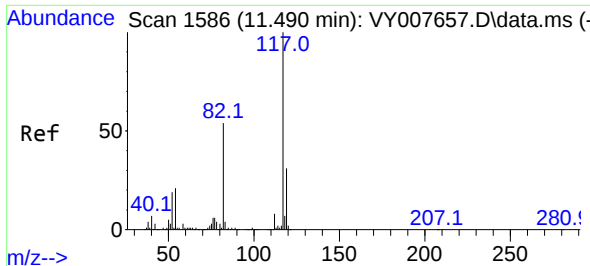
Tgt Ion: 98 Resp: 733805
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.976 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007663.D
Acq: 01 Mar 2022 13:17

Tgt Ion: 95 Resp: 230616
Ion Ratio Lower Upper
95 100
174 93.5 0.0 177.0
176 89.5 0.0 175.8

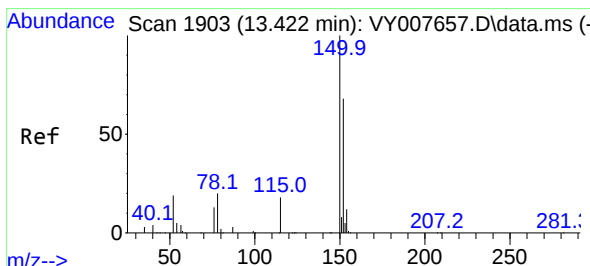
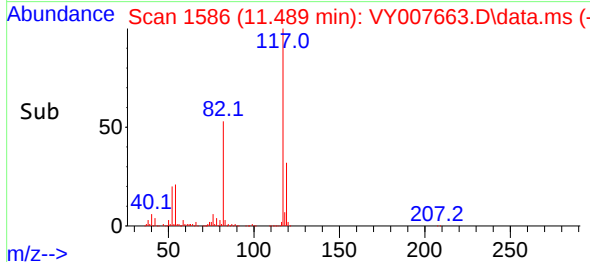
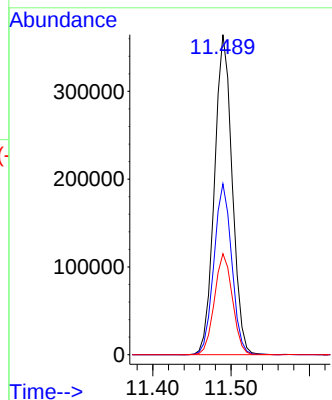
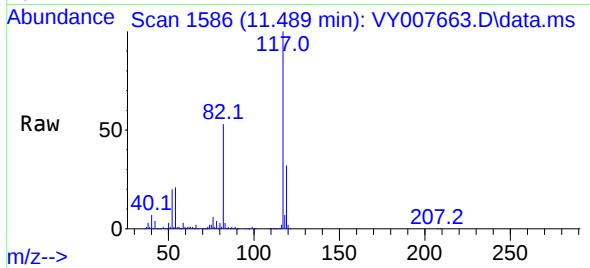




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY007663.D
Acq: 01 Mar 2022 13:17

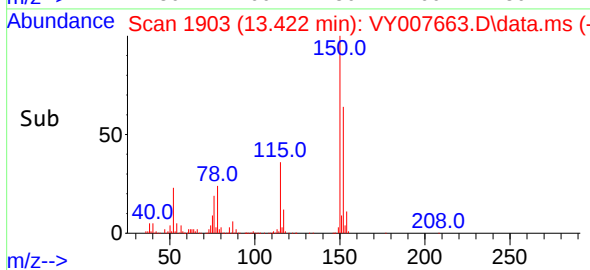
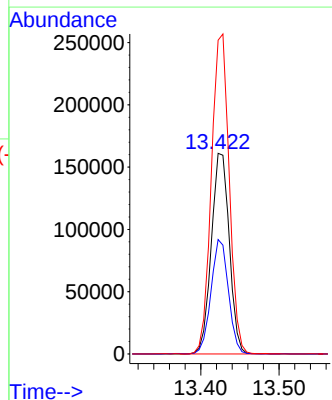
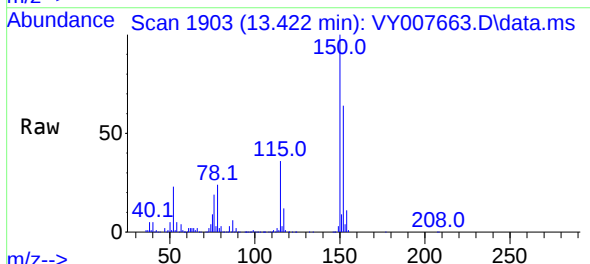
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBL01

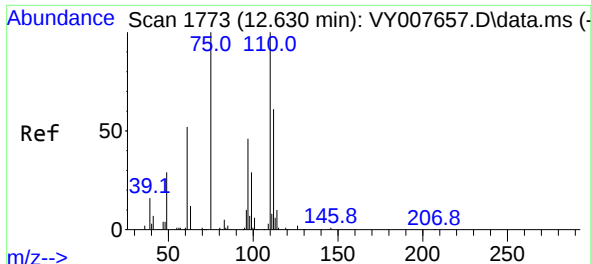
Tgt Ion:117 Resp: 573571
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007663.D
Acq: 01 Mar 2022 13:17

Tgt Ion:152 Resp: 256084
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 158.5 0.0 347.6

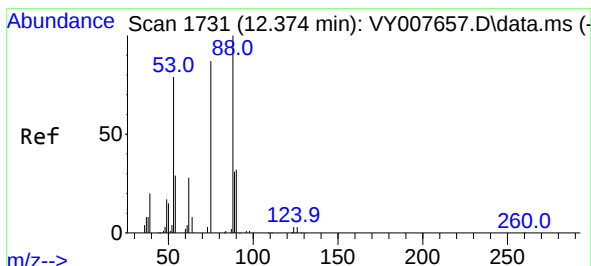
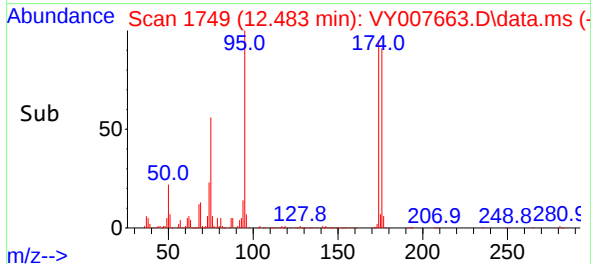
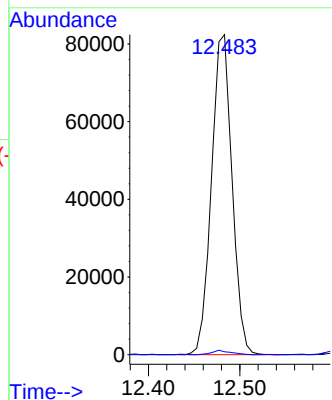
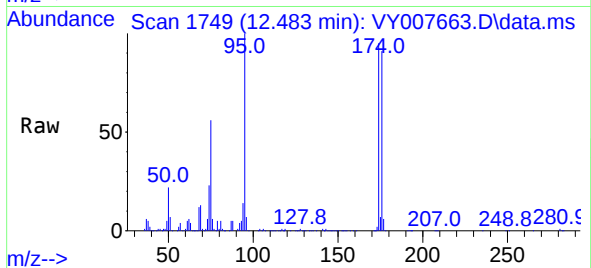




#76
1,2,3-Trichloropropane
Concen: 45.118 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007663.D
Acq: 01 Mar 2022 13:17

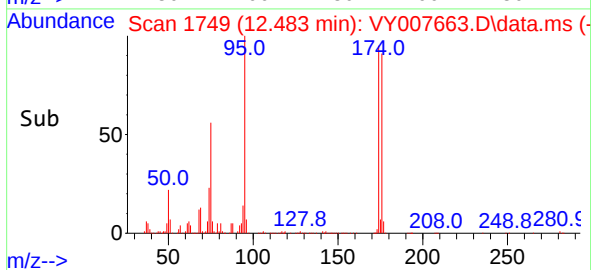
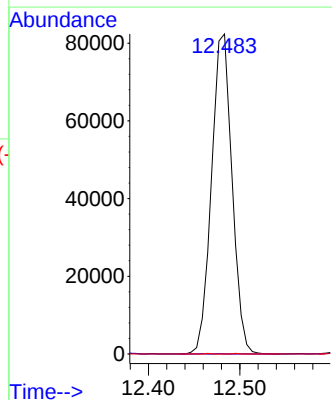
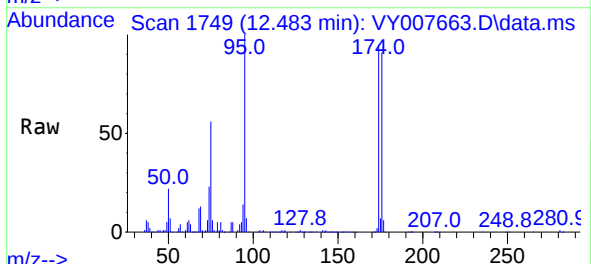
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBL01

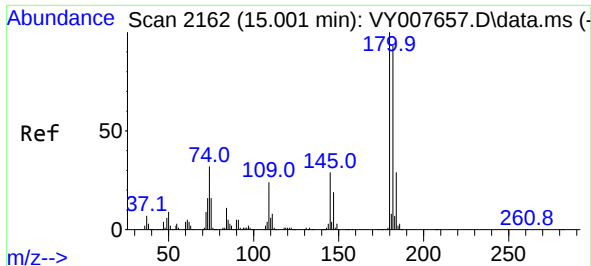
Tgt Ion: 75 Resp: 129032
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.239 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007663.D
Acq: 01 Mar 2022 13:17

Tgt Ion: 75 Resp: 129032
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#93

1,2,4-Trichlorobenzene

Concen: 1.121 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY007663.D

Acq: 01 Mar 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBL01

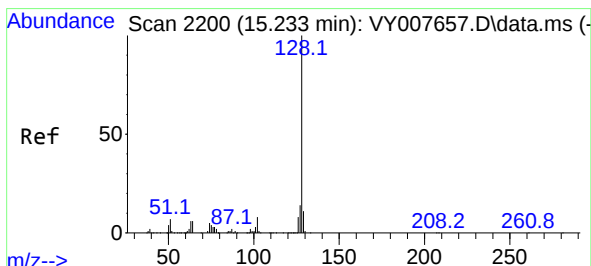
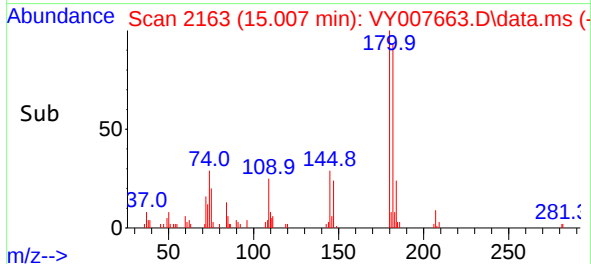
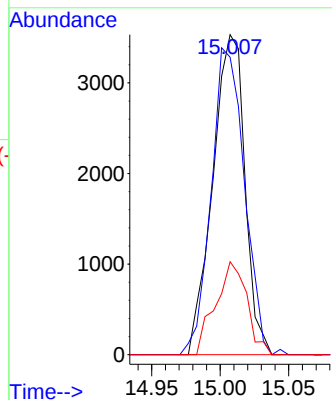
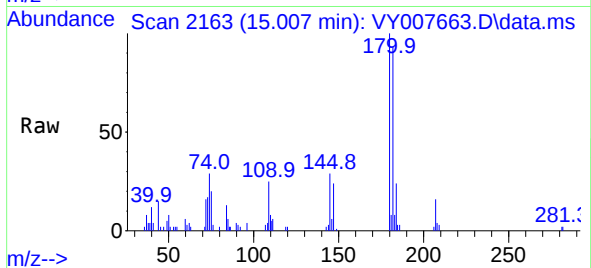
Tgt Ion:180 Resp: 5763

Ion Ratio Lower Upper

180 100

182 99.0 47.3 141.9

145 28.3 14.6 43.8



#95

Naphthalene

Concen: 1.154 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY007663.D

Acq: 01 Mar 2022 13:17

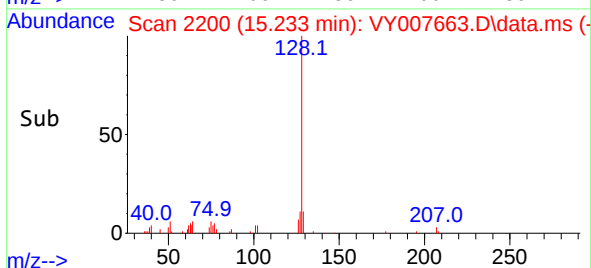
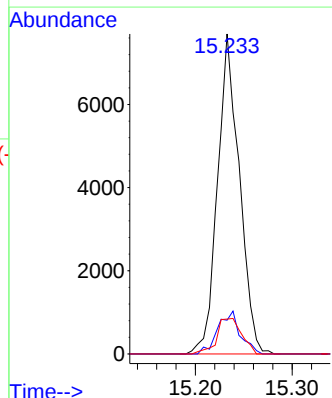
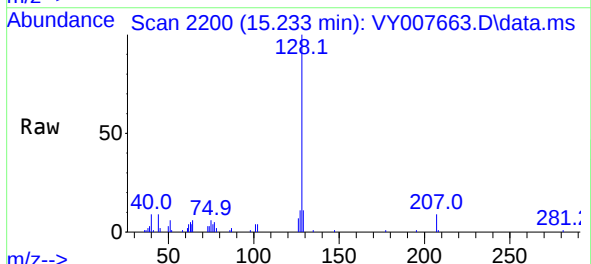
Tgt Ion:128 Resp: 12068

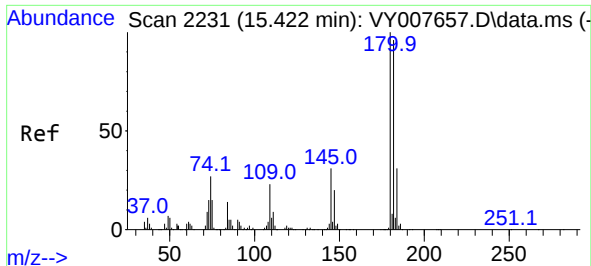
Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

129 12.7 8.4 12.6#





#96

1,2,3-Trichlorobenzene

Concen: 1.240 ug/l

RT: 15.428 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY007663.D

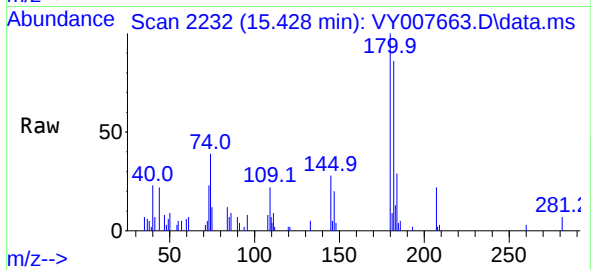
Acq: 01 Mar 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBL01



Tgt Ion:180 Resp: 5683

Ion Ratio Lower Upper

180 100

182 88.5 47.3 141.9

145 33.9 15.3 45.9

