

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007821.D
 Acq On : 10 Mar 2022 12:22
 Operator : SY/MD
 Sample : VY0310SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0310SBL01

Quant Time: Mar 10 23:55:29 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)

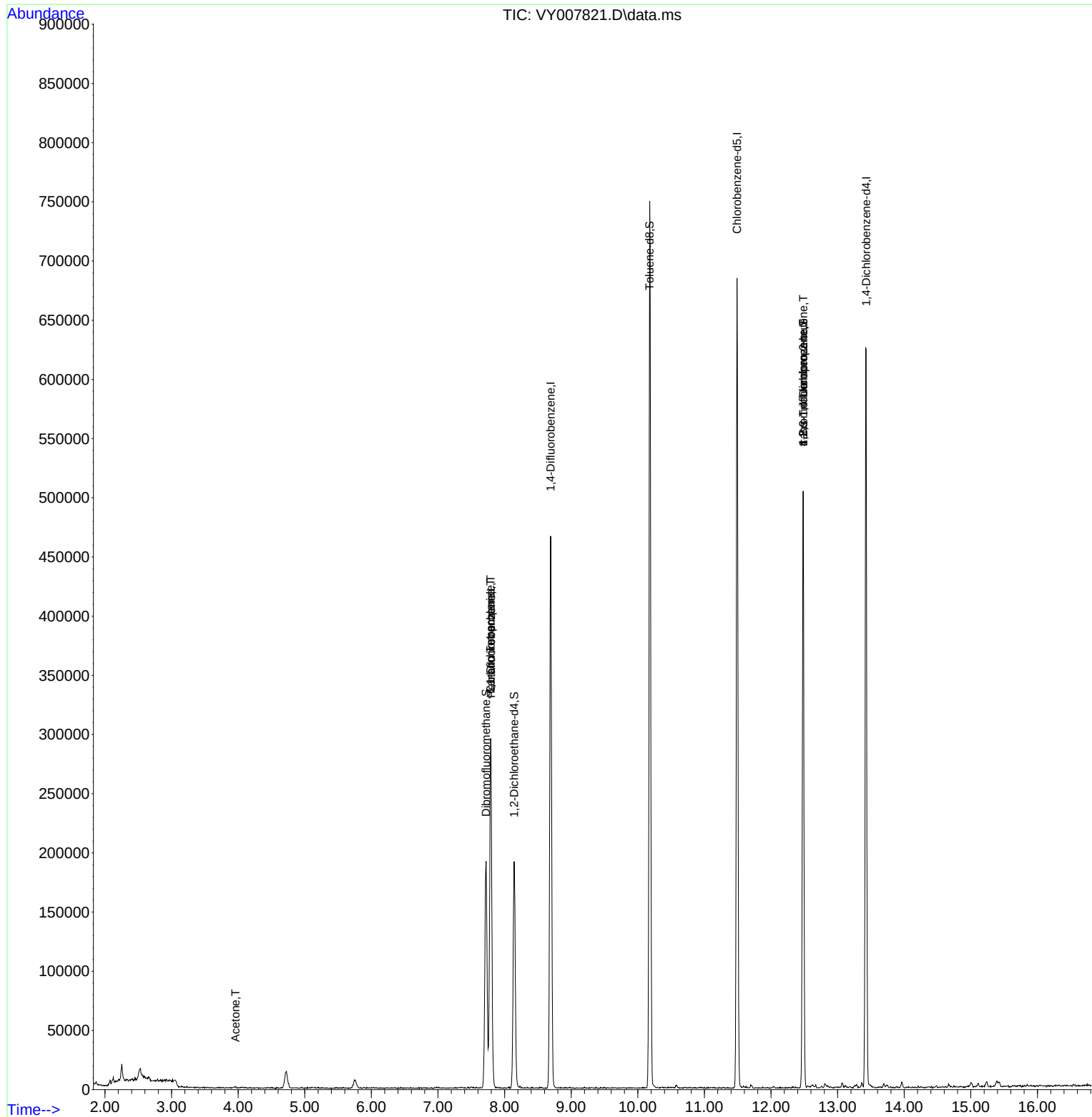
Internal Standards						
1) Pentafluorobenzene	7.795	168	221258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	384707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	351141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	142523	61.529	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.060%			
35) Dibromofluoromethane	7.722	113	130355	52.999	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.000%			
50) Toluene-d8	10.179	98	471774	52.108	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.220%			
62) 4-Bromofluorobenzene	12.483	95	136149	46.652	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.300%			
Target Compounds						
3) Chloromethane	2.113	50	1941	Below Cal	Qvalue 90	
13) Acrolein	3.552	56	21	Below Cal	# 14	
16) Acetone	3.960	43	1246	2.644 ug/l	# 85	
17) Carbon Disulfide	4.192	76	67	Below Cal	# 75	
18) Methyl Acetate	4.466	43	193	Below Cal	# 56	
20) Methylene Chloride	4.722	84	9617	Below Cal	# 87	
31) Cyclohexane	7.789	56	5353	Below Cal	# 35	
36) 1,1-Dichloropropene	7.789	75	18122	4.684 ug/l	# 52	
38) Carbon Tetrachloride	7.789	117	22570	5.469 ug/l	# 16	
76) 1,2,3-Trichloropropane	12.483	75	77361	45.690 ug/l	# 100	
81) trans-1,4-Dichloro-2-b...	12.483	75	77361	93.408 ug/l	# 7	

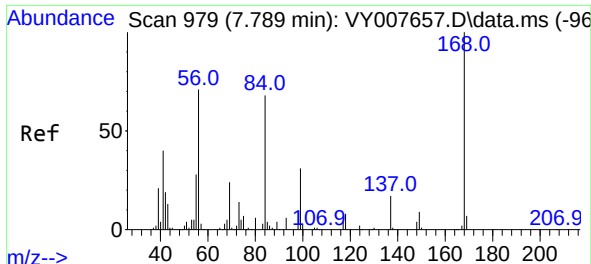
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
Data File : VY007821.D
Acq On : 10 Mar 2022 12:22
Operator : SY/MD
Sample : VY0310SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0310SBL01

Quant Time: Mar 10 23:55:29 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

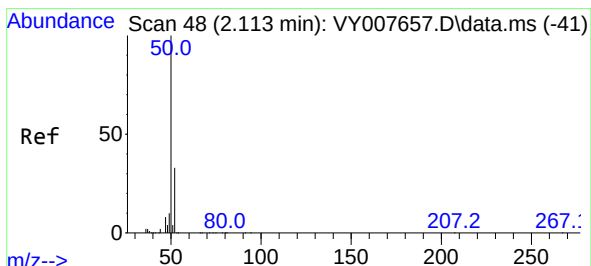
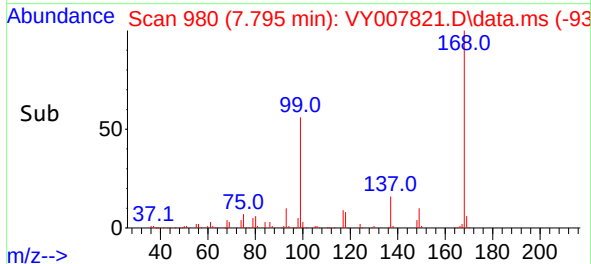
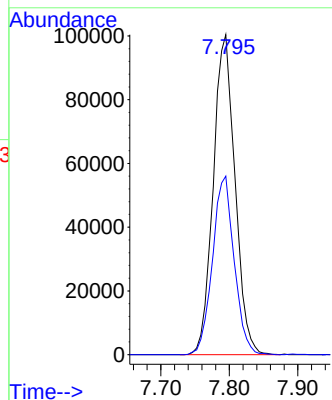
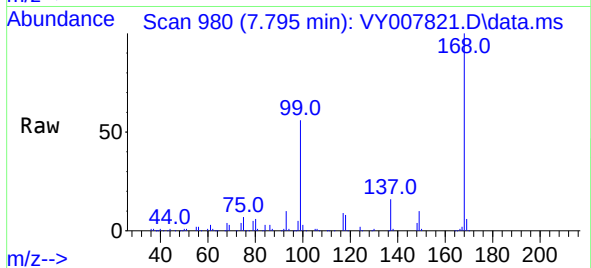




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

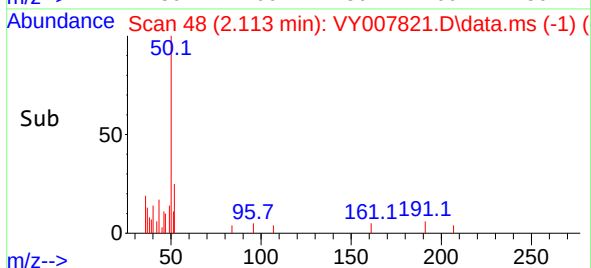
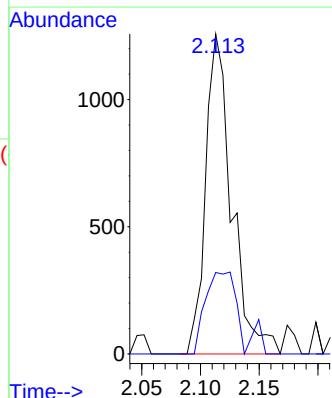
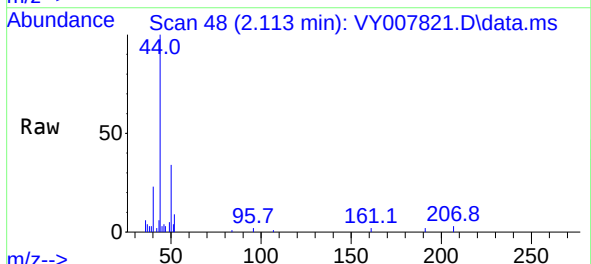
Instrument :
MSVOA_Y
ClientSampleId :
VY0310SBL01

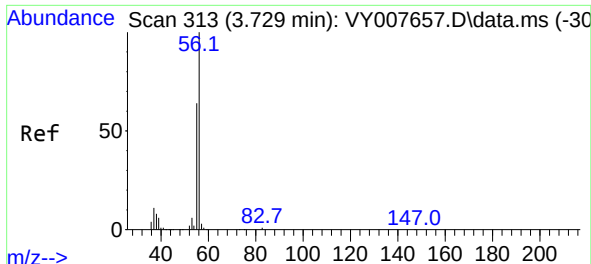
Tgt Ion:168 Resp: 221258
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

Tgt Ion: 50 Resp: 1941
Ion Ratio Lower Upper
50 100
52 25.4 24.6 37.0

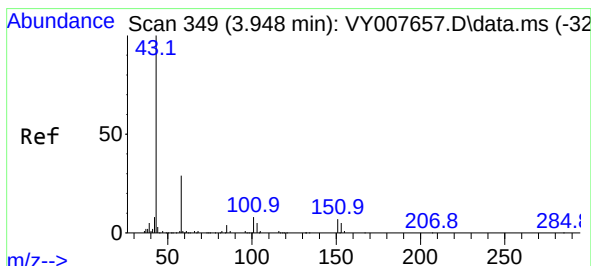
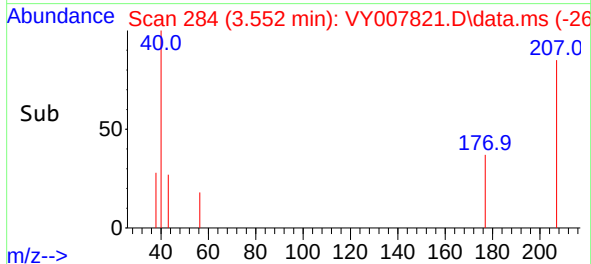
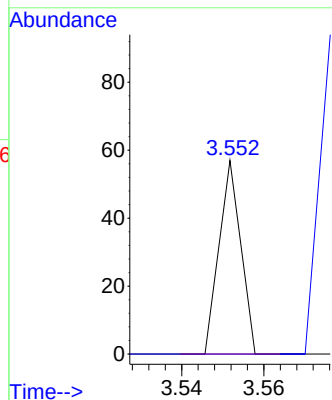
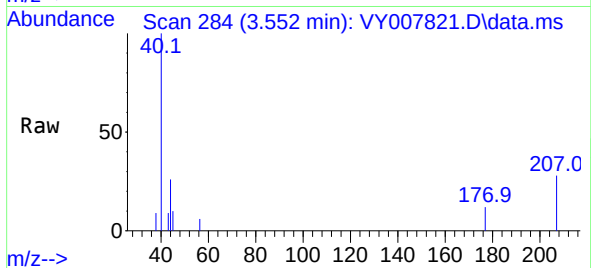




#13
Acrolein
Concen: Below Cal
RT: 3.552 min Scan# 21
Delta R.T. -0.177 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

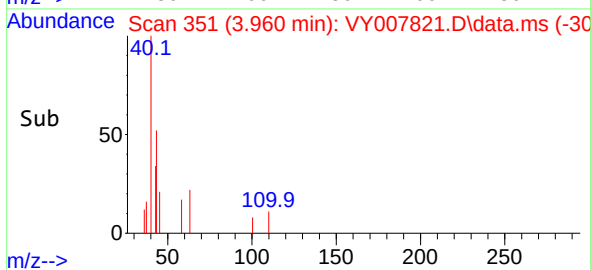
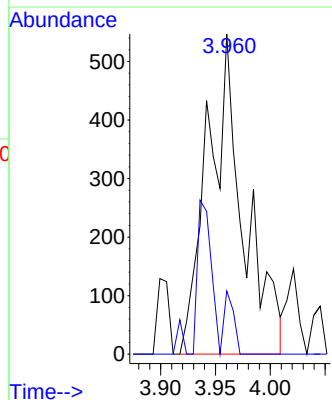
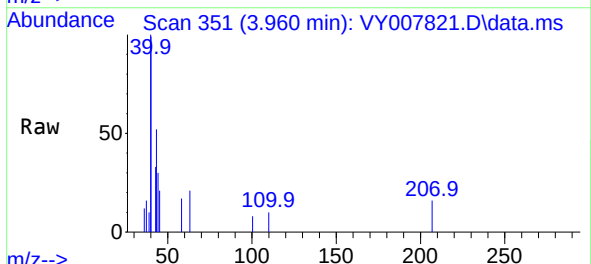
Instrument :
MSVOA_Y
ClientSampleId :
VY0310SBL01

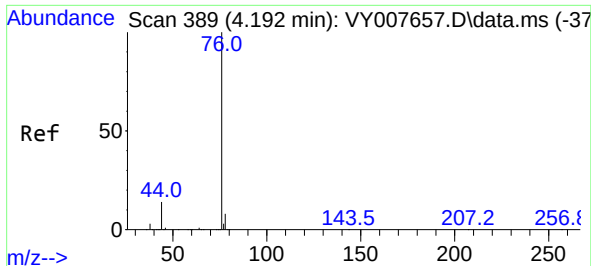
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 2.644 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

Tgt Ion: 43 Resp: 1246
Ion Ratio Lower Upper
43 100
58 19.7 22.0 33.0#

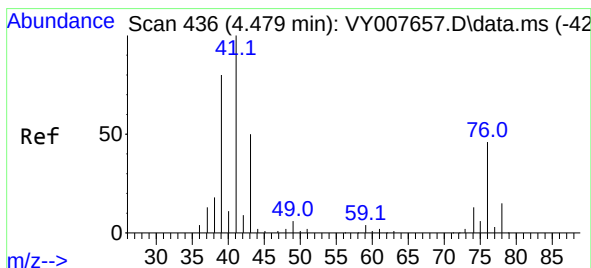
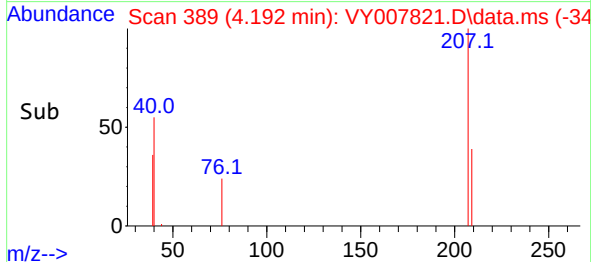
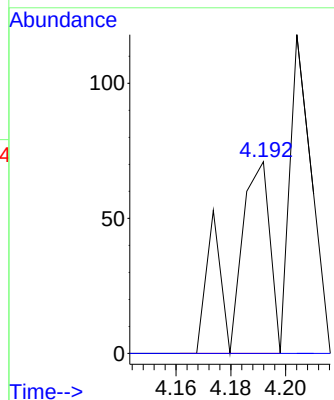
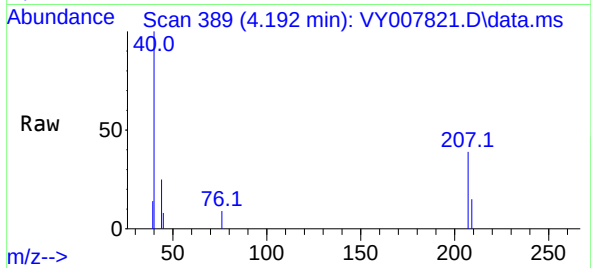




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

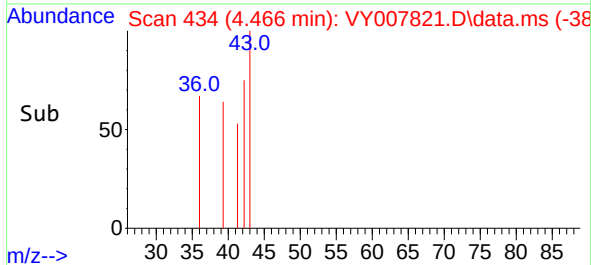
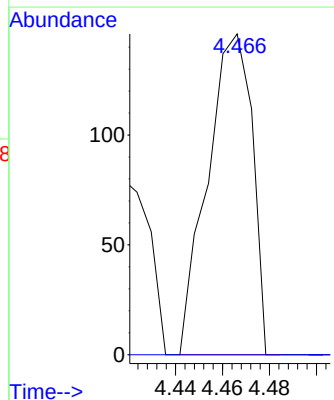
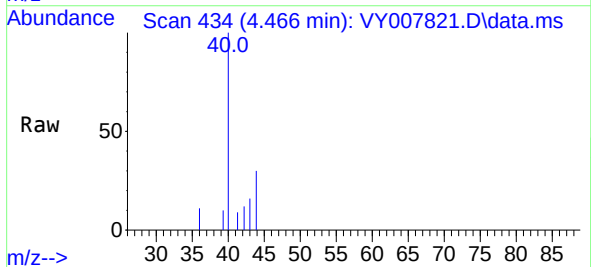
Instrument :
MSVOA_Y
ClientSampleId :
VY0310SBL01

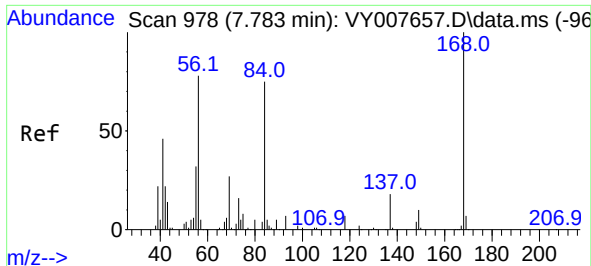
Tgt Ion: 76 Resp: 67
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.013 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

Tgt Ion: 43 Resp: 193
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

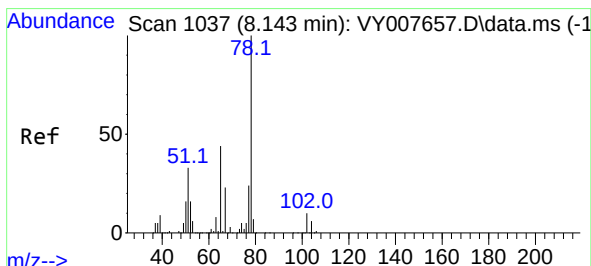
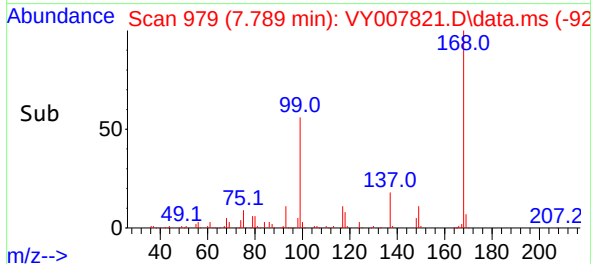
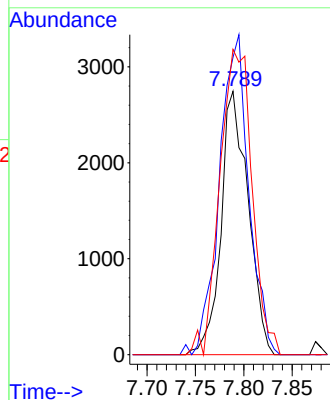
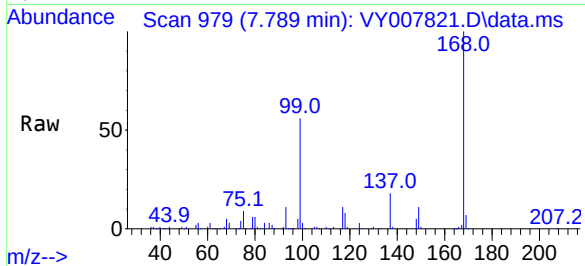




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

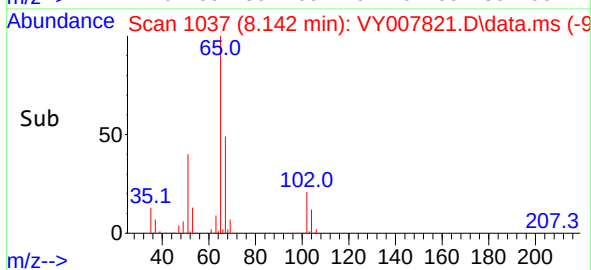
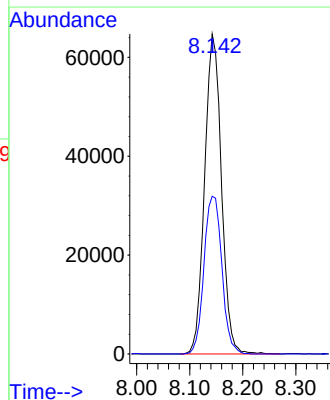
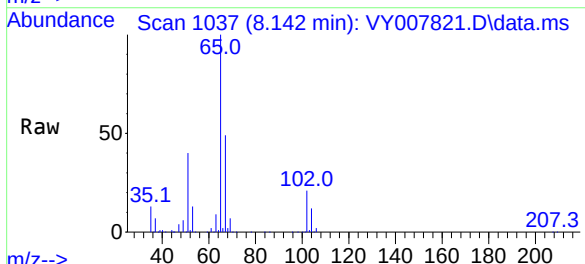
Instrument :
MSVOA_Y
ClientSampleId :
VY0310SBL01

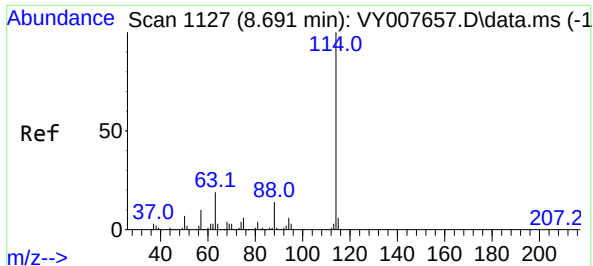
Tgt Ion: 56 Resp: 5353
Ion Ratio Lower Upper
56 100
69 112.9 26.7 40.1#
84 115.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.529 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

Tgt Ion: 65 Resp: 142523
Ion Ratio Lower Upper
65 100
67 52.4 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: VY007821.D

Acq: 10 Mar 2022 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0310SBL01

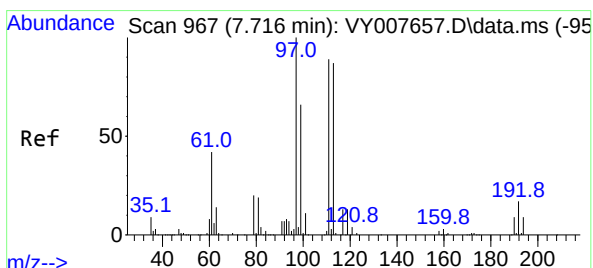
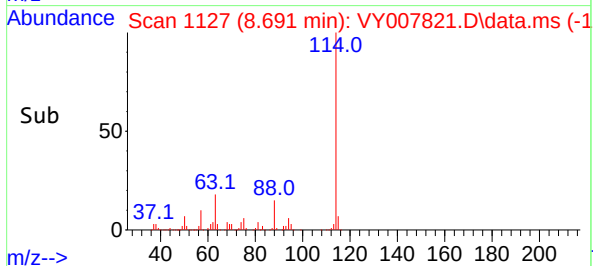
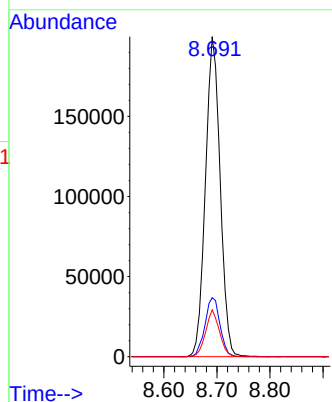
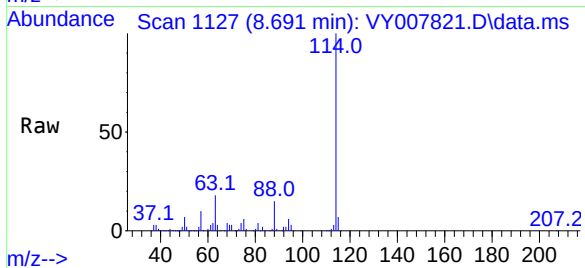
Tgt Ion:114 Resp: 384707

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.999 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007821.D

Acq: 10 Mar 2022 12:22

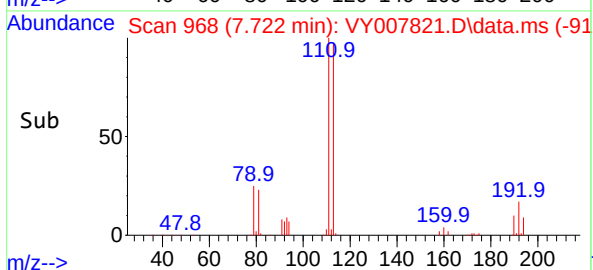
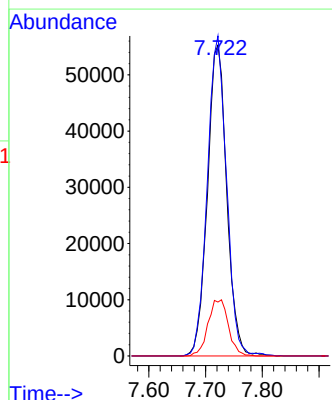
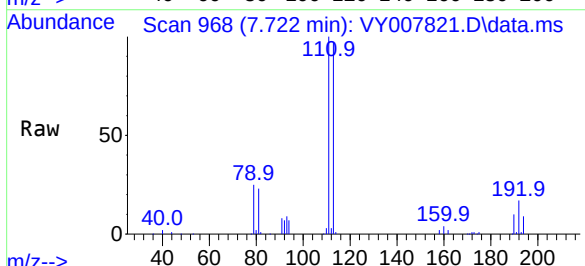
Tgt Ion:113 Resp: 130355

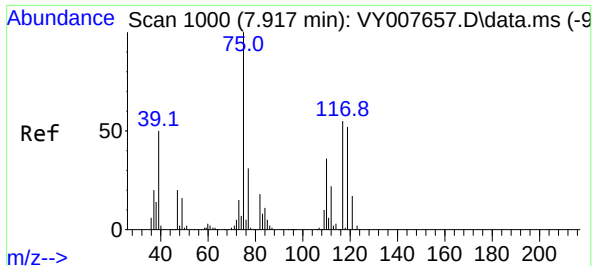
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 19.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.684 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007821.D

Acq: 10 Mar 2022 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0310SBL01

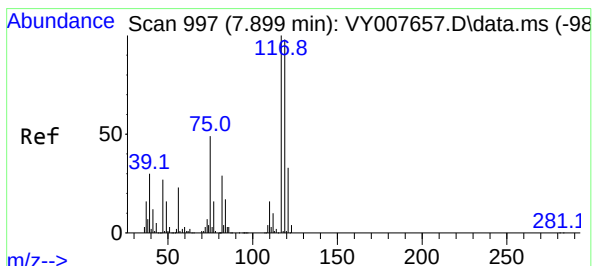
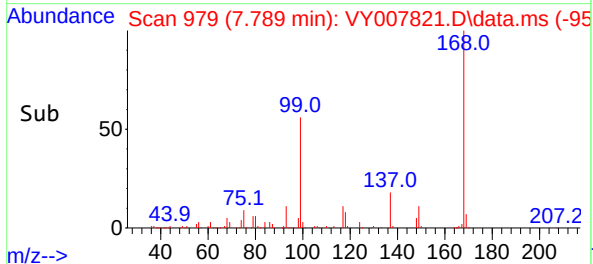
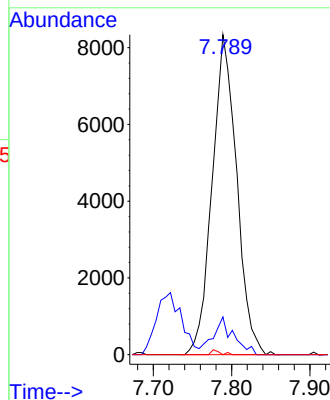
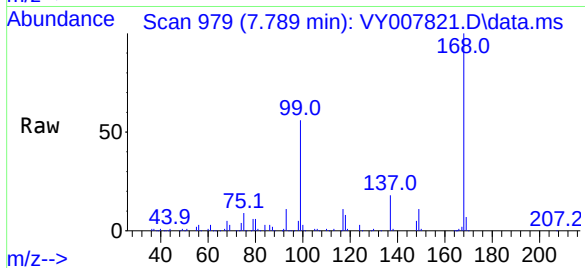
Tgt Ion: 75 Resp: 18122

Ion Ratio Lower Upper

75 100

110 9.8 17.1 51.2#

77 0.5 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.469 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007821.D

Acq: 10 Mar 2022 12:22

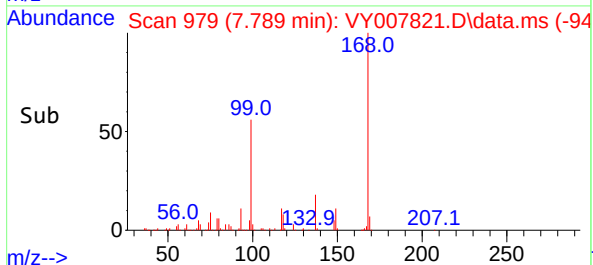
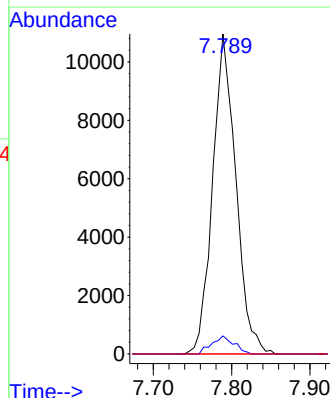
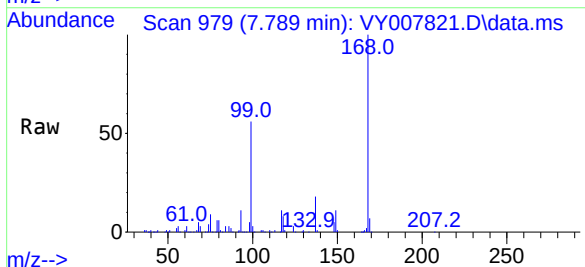
Tgt Ion: 117 Resp: 22570

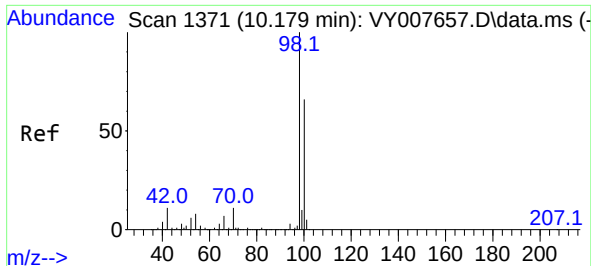
Ion Ratio Lower Upper

117 100

119 5.6 77.9 116.9#

121 0.0 24.8 37.2#

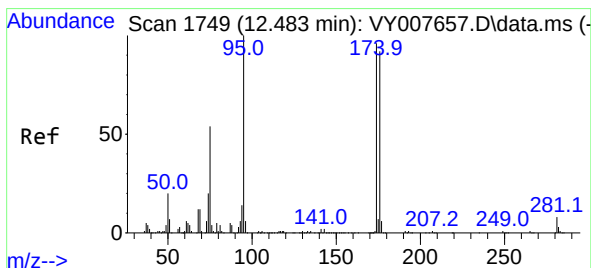
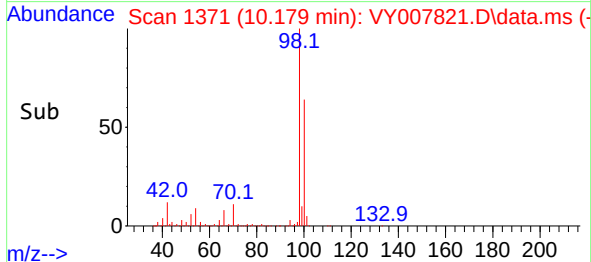
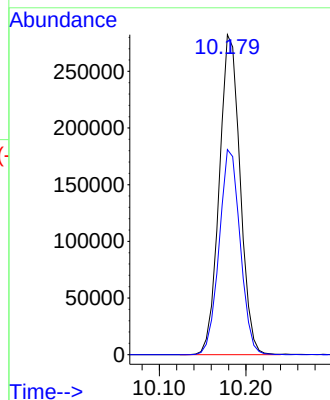
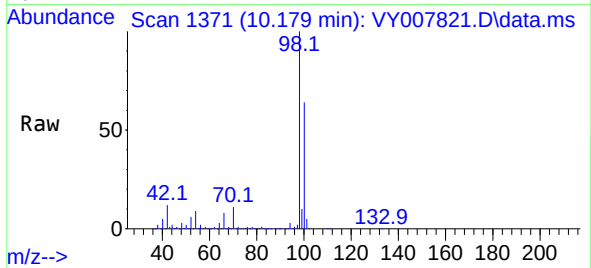




#50
Toluene-d8
Concen: 52.108 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

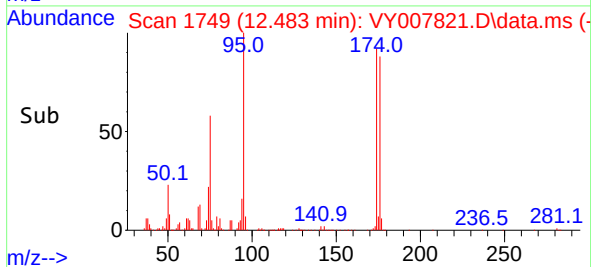
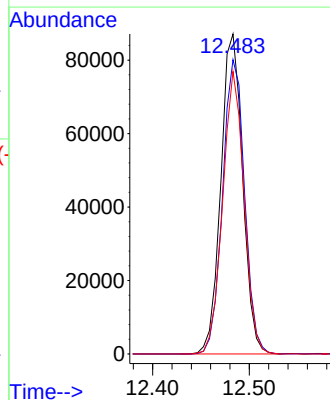
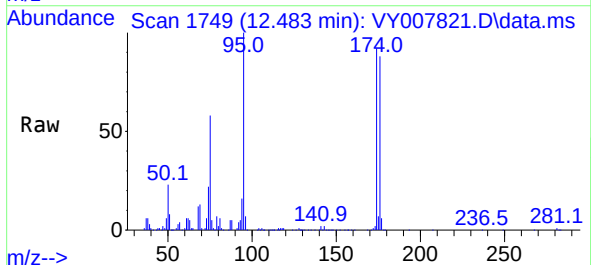
Instrument :
MSVOA_Y
ClientSampleId :
VY0310SBL01

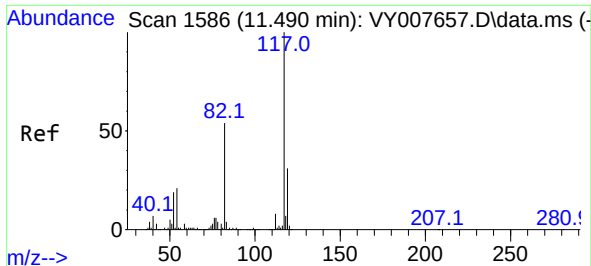
Tgt Ion: 98 Resp: 471774
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.652 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

Tgt Ion: 95 Resp: 136149
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 86.5 0.0 175.8

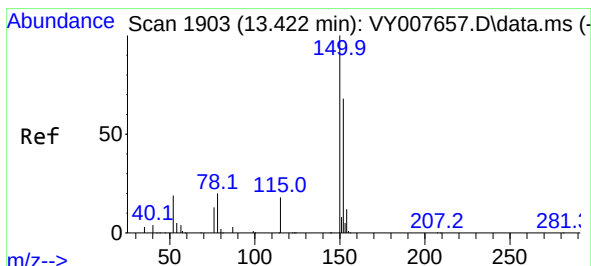
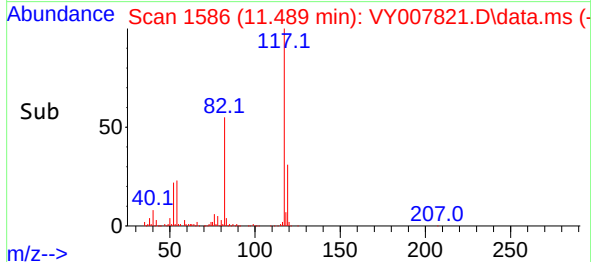
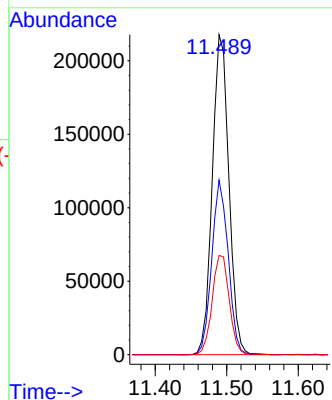
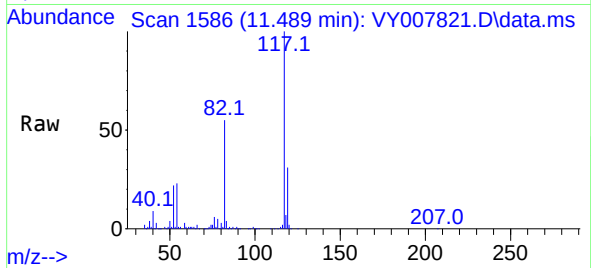




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

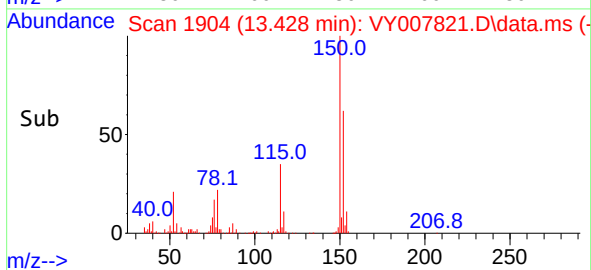
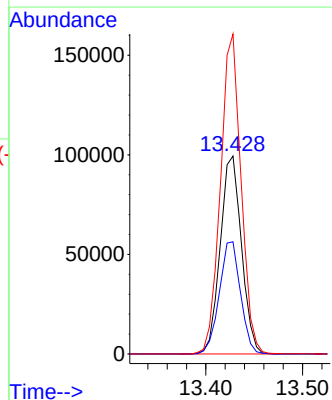
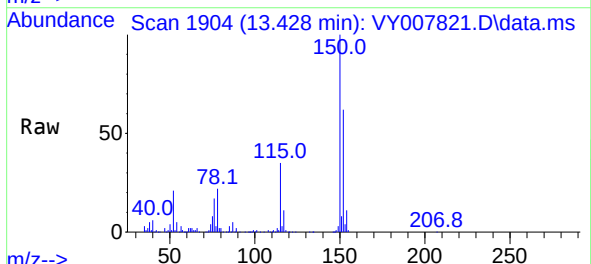
Instrument :
MSVOA_Y
ClientSampleId :
VY0310SBL01

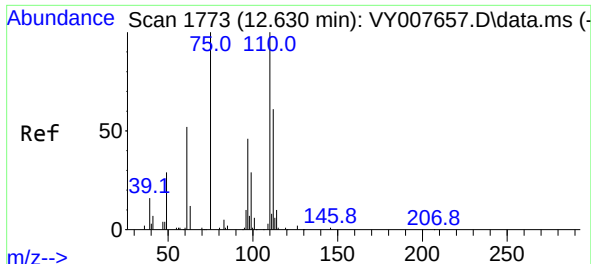
Tgt Ion:117 Resp: 351141
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

Tgt Ion:152 Resp: 151613
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 156.4 0.0 347.6

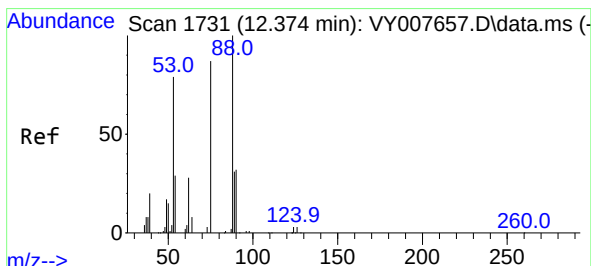
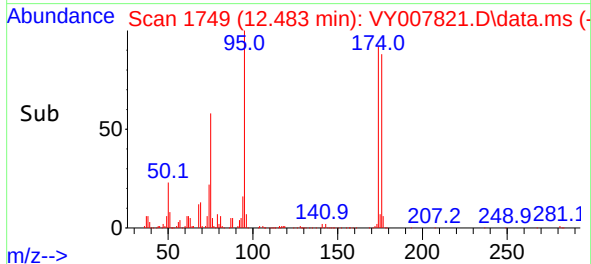
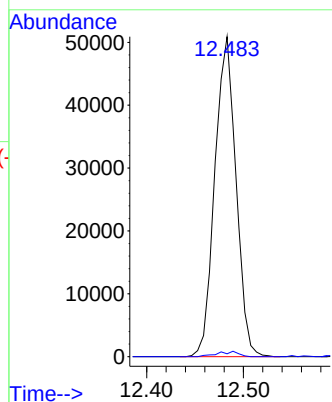
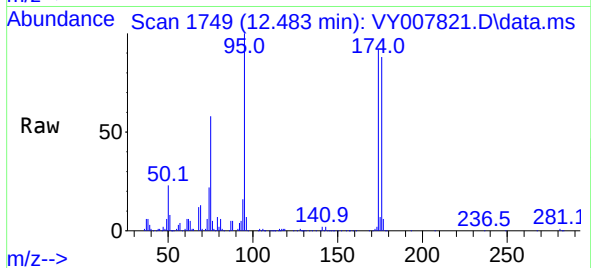




#76
1,2,3-Trichloropropane
Concen: 45.690 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0310SBL01

Tgt Ion: 75 Resp: 77361
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.408 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007821.D
Acq: 10 Mar 2022 12:22

Tgt Ion: 75 Resp: 77361
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

