

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007754.D
 Acq On : 04 Mar 2022 20:01
 Operator : SY/MD
 Sample : N1790-07
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 05 04:26:50 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)

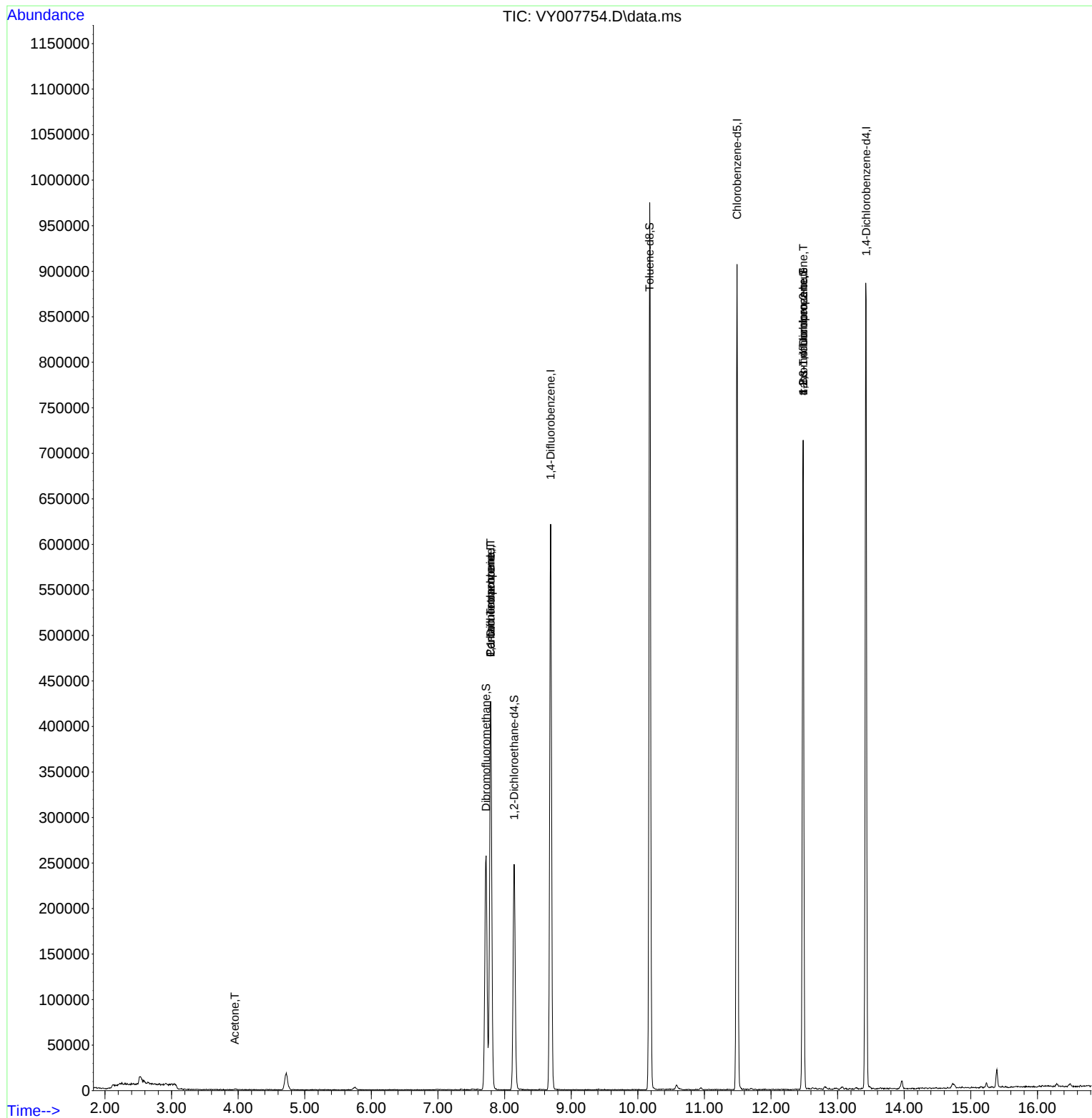
Internal Standards						
1) Pentafluorobenzene	7.789	168	344202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	548796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	489826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	229209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	191143	53.044	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 106.080%		
35) Dibromofluoromethane	7.722	113	177909	50.706	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 101.420%		
50) Toluene-d8	10.179	98	641475	49.667	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 99.340%		
62) 4-Bromofluorobenzene	12.483	95	192724	46.292	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 92.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	165	Below Cal		86
3) Chloromethane	2.119	50	1049	Below Cal		94
13) Acrolein	3.783	56	42	Below Cal	#	14
16) Acetone	3.948	43	898	1.225 ug/l	#	78
17) Carbon Disulfide	4.204	76	98	Below Cal	#	75
18) Methyl Acetate	4.484	43	64	Below Cal	#	56
20) Methylene Chloride	4.722	84	14233	Below Cal	#	72
31) Cyclohexane	7.783	56	6930	Below Cal	#	54
36) 1,1-Dichloropropene	7.789	75	24850	4.502 ug/l	#	52
38) Carbon Tetrachloride	7.789	117	31752	5.393 ug/l	#	15
76) 1,2,3-Trichloropropane	12.483	75	108265	42.296 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	108265	86.468 ug/l	#	7

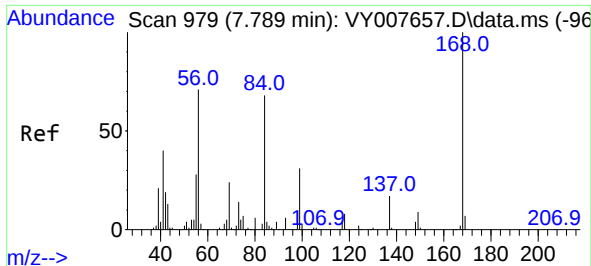
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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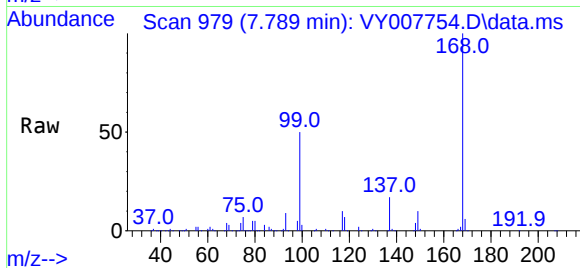
Quant Time: Mar 05 04:26:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
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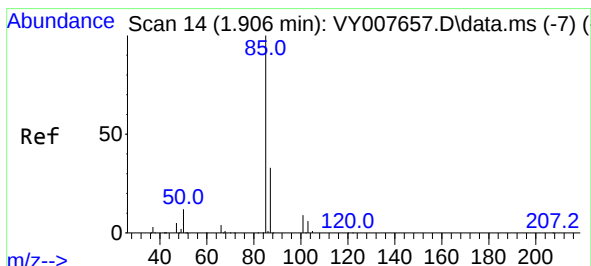
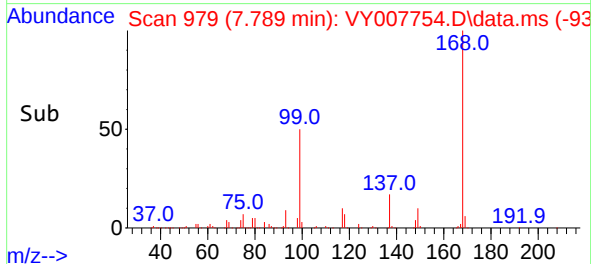
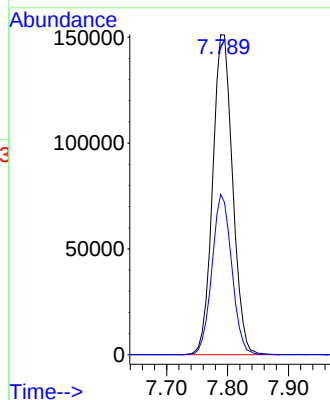


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007754.D
Acq: 04 Mar 2022 20:01

Instrument :
MSVOA_Y
ClientSampleId :

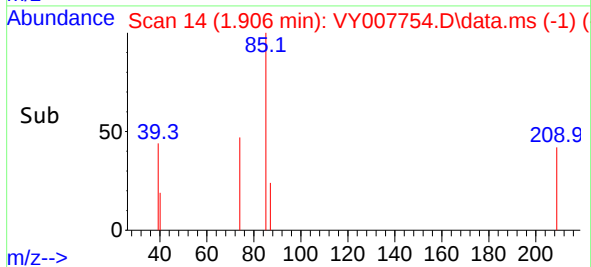
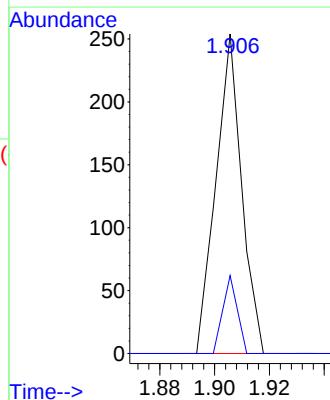
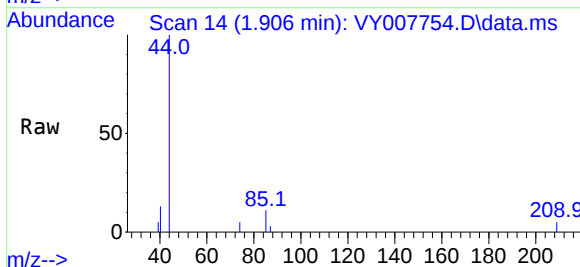


Tgt Ion:168 Resp: 344202
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3

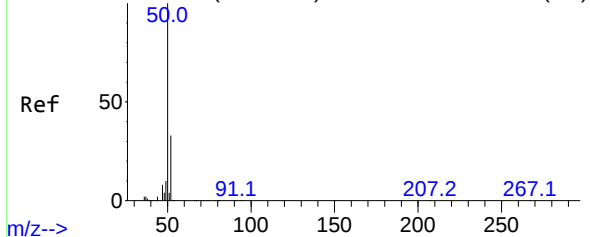


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007754.D
Acq: 04 Mar 2022 20:01

Tgt Ion: 85 Resp: 165
Ion Ratio Lower Upper
85 100
87 24.4 16.1 48.2



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



#3

Chloromethane

Concen: Below Cal

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY007754.D

Acq: 04 Mar 2022 20:01

Instrument :

MSVOA_Y

ClientSampleId :

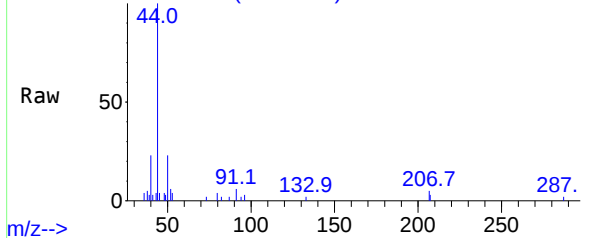
Tgt Ion: 50 Resp: 1049

Ion Ratio Lower Upper

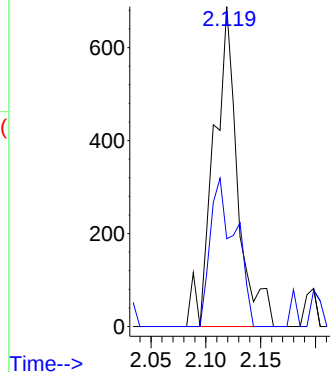
50 100

52 27.5 24.6 37.0

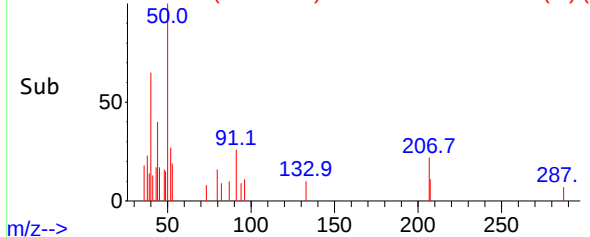
Abundance Scan 49 (2.119 min): VY007754.D\data.ms



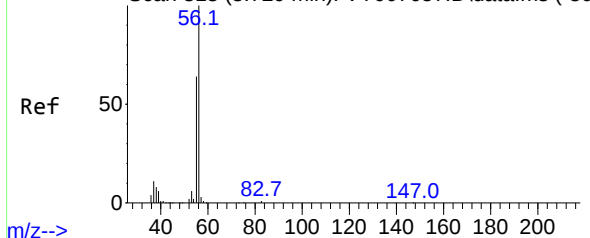
Abundance



Abundance Scan 49 (2.119 min): VY007754.D\data.ms (-1)



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



#13

Acrolein

Concen: Below Cal

RT: 3.783 min Scan# 322

Delta R.T. 0.054 min

Lab File: VY007754.D

Acq: 04 Mar 2022 20:01

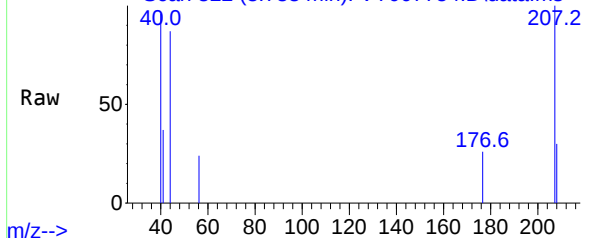
Tgt Ion: 56 Resp: 42

Ion Ratio Lower Upper

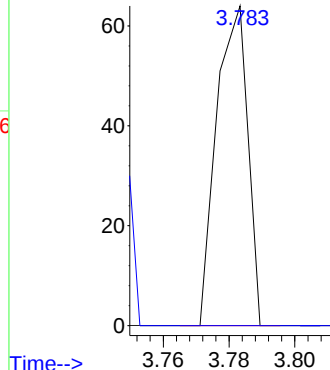
56 100

55 0.0 57.6 86.4#

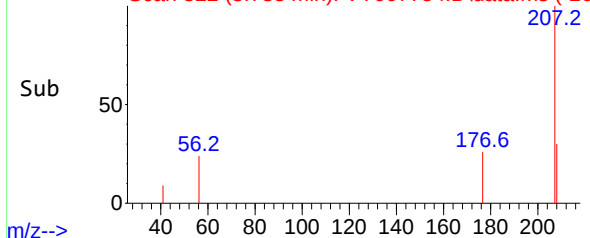
Abundance Scan 322 (3.783 min): VY007754.D\data.ms



Abundance



Abundance Scan 322 (3.783 min): VY007754.D\data.ms (-26)

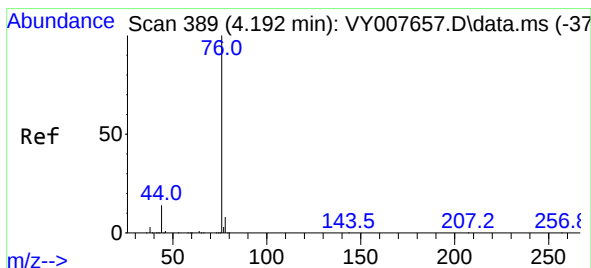
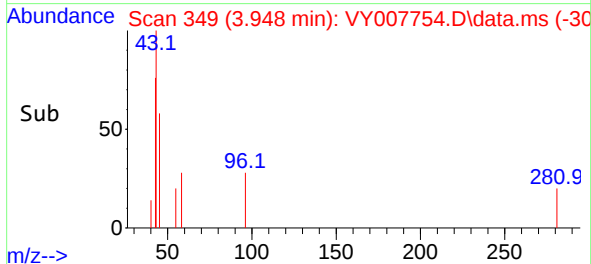
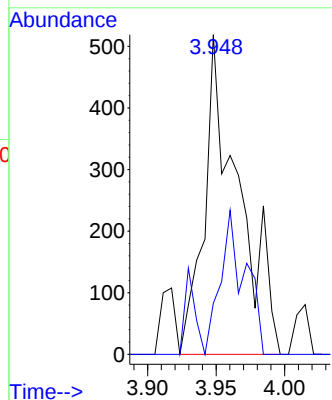
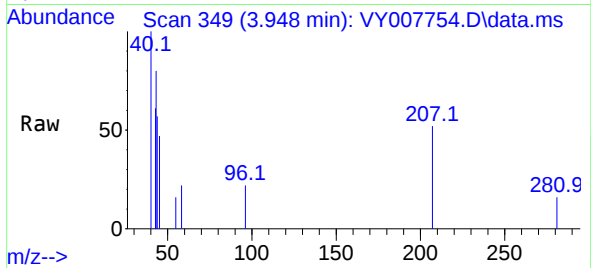




#16
Acetone
Concen: 1.225 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007754.D
Acq: 04 Mar 2022 20:01

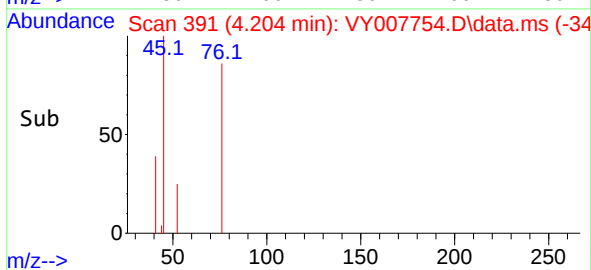
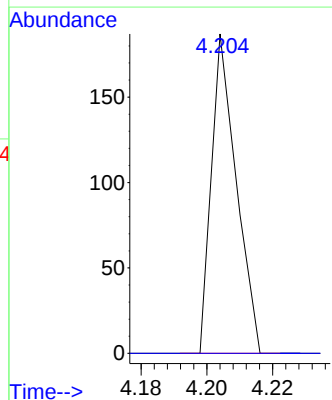
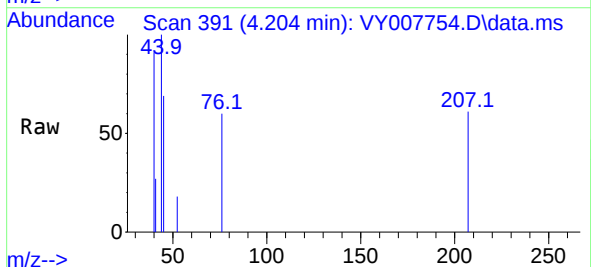
Instrument :
MSVOA_Y
ClientSampleId :

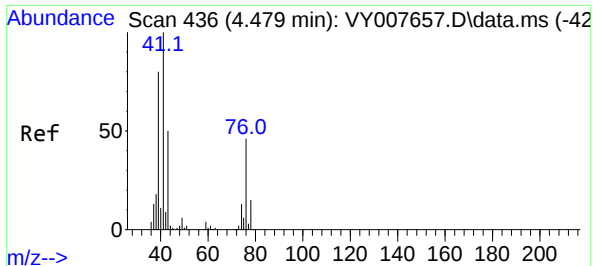
Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
58 16.0 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007754.D
Acq: 04 Mar 2022 20:01

Tgt Ion: 76 Resp: 98
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.484 min Scan# 41

Delta R.T. 0.005 min

Lab File: VY007754.D

Acq: 04 Mar 2022 20:01

Instrument :

MSVOA_Y

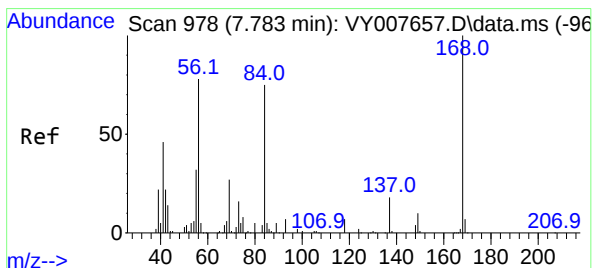
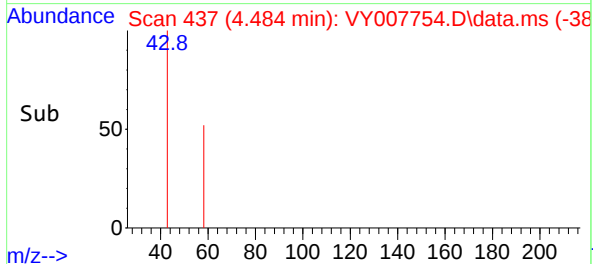
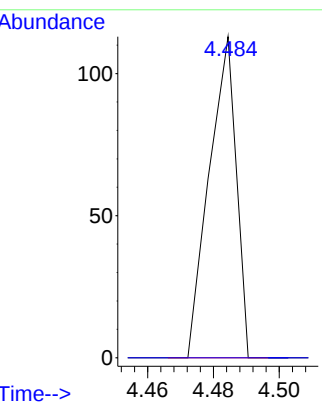
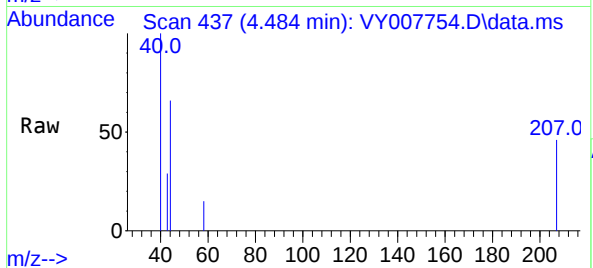
ClientSampleId :

Tgt Ion: 43 Resp: 64

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY007754.D

Acq: 04 Mar 2022 20:01

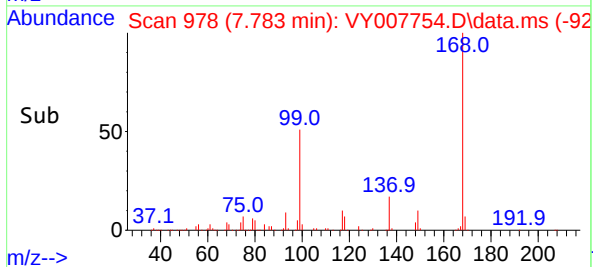
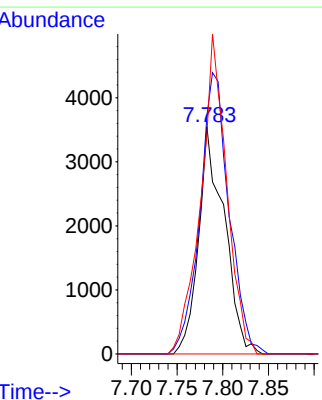
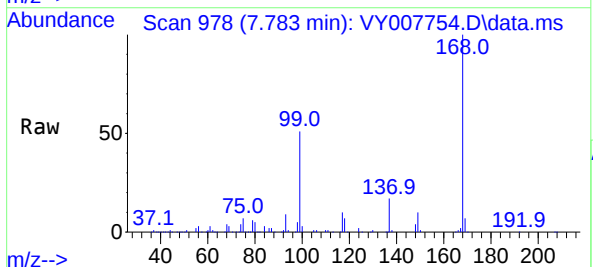
Tgt Ion: 56 Resp: 6930

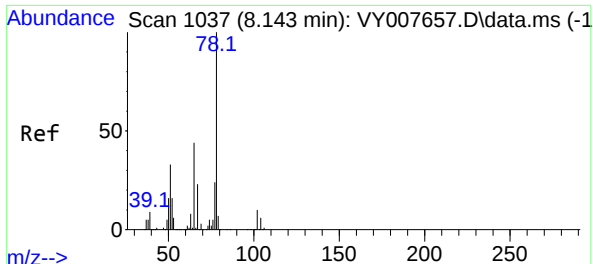
Ion Ratio Lower Upper

56 100

69 104.8 26.7 40.1#

84 96.6 67.2 100.8

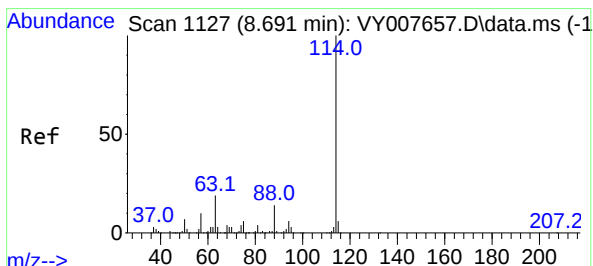
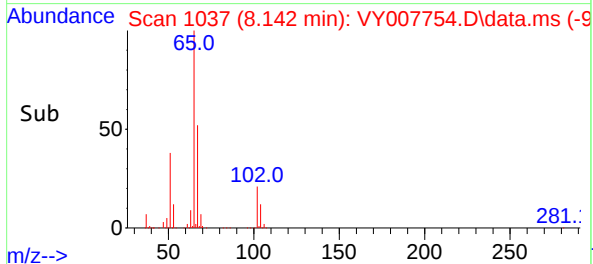
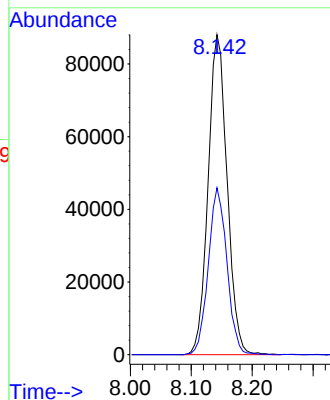
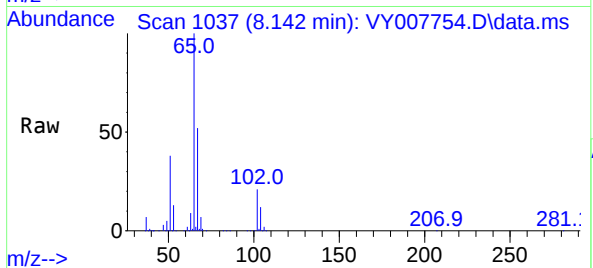




#33
1,2-Dichloroethane-d4
Concen: 53.044 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007754.D
Acq: 04 Mar 2022 20:01

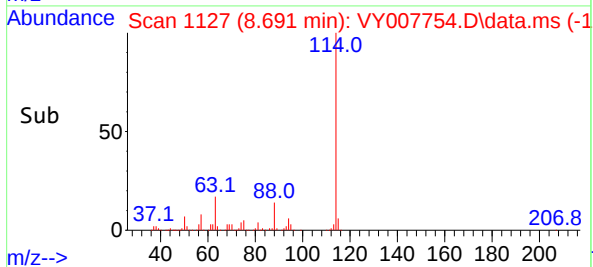
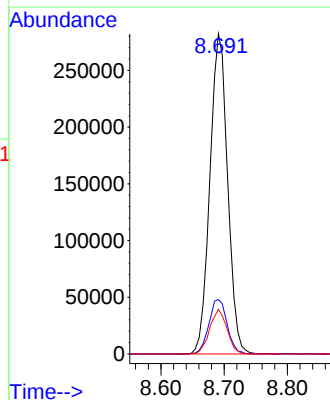
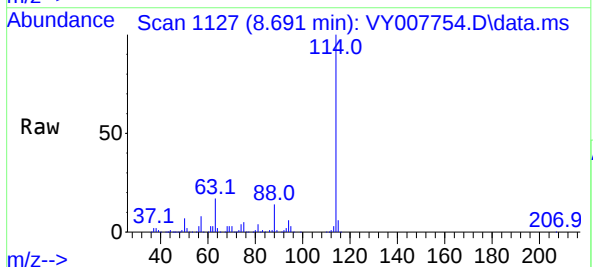
Instrument :
MSVOA_Y
ClientSampleId :

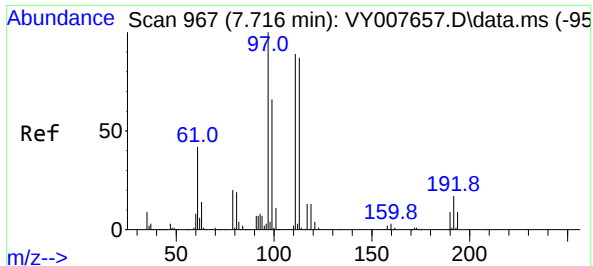
Tgt Ion: 65 Resp: 191143
Ion Ratio Lower Upper
65 100
67 51.1 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007754.D
Acq: 04 Mar 2022 20:01

Tgt Ion: 114 Resp: 548796
Ion Ratio Lower Upper
114 100
63 17.0 0.0 43.2
88 14.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.706 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY007754.D

Acq: 04 Mar 2022 20:01

Instrument :

MSVOA_Y

ClientSampleId :

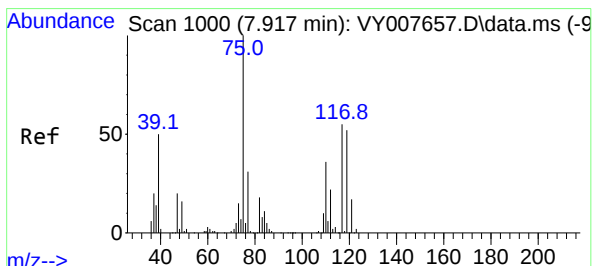
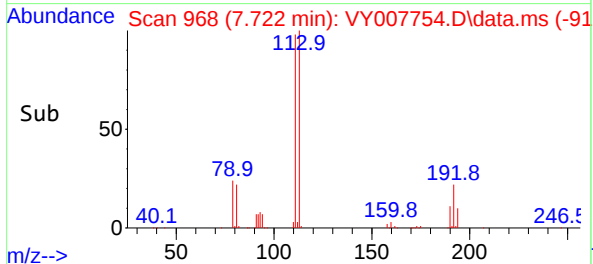
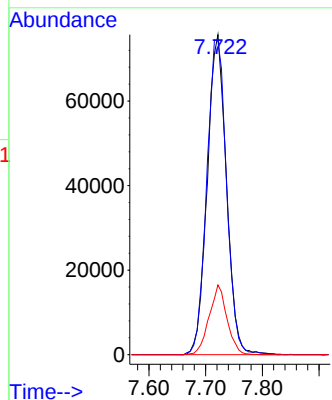
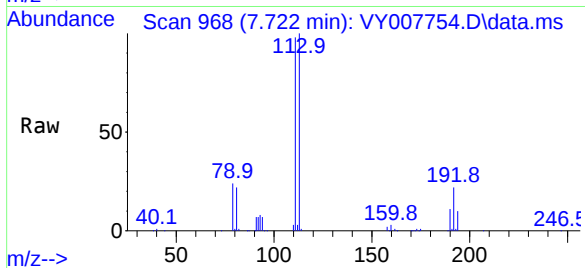
Tgt Ion:113 Resp: 177909

Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 20.3 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.502 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY007754.D

Acq: 04 Mar 2022 20:01

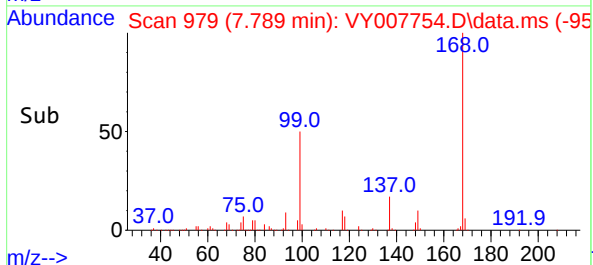
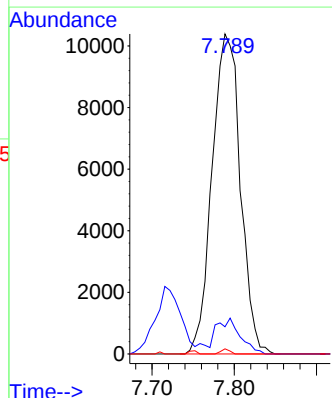
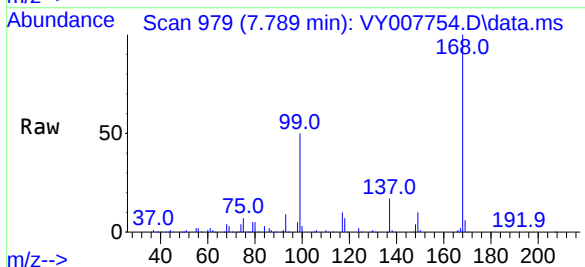
Tgt Ion: 75 Resp: 24850

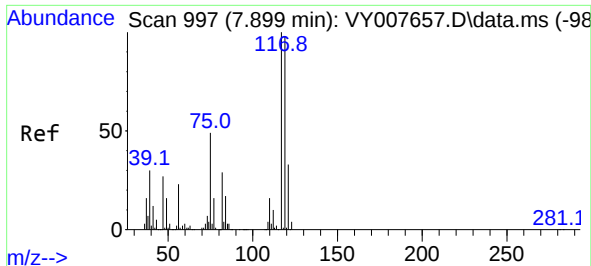
Ion Ratio Lower Upper

75 100

110 9.6 17.1 51.2#

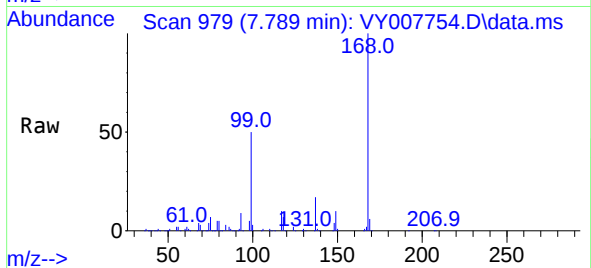
77 0.5 24.4 36.6#



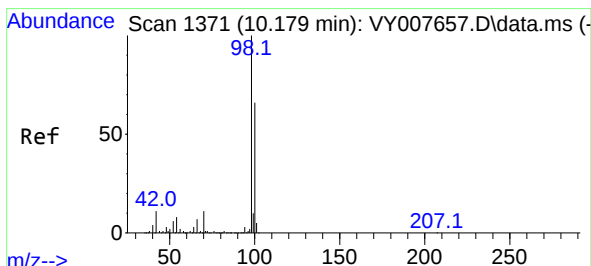
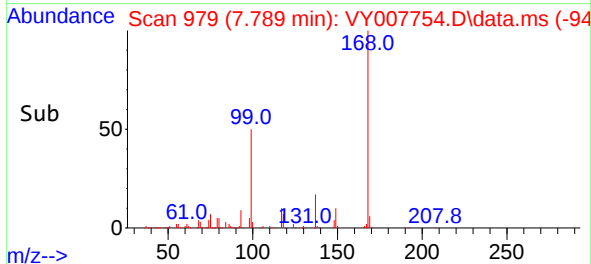
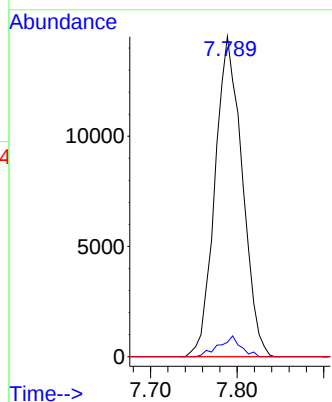


#38
Carbon Tetrachloride
Concen: 5.393 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007754.D
Acq: 04 Mar 2022 20:01

Instrument :
MSVOA_Y
ClientSampleId :

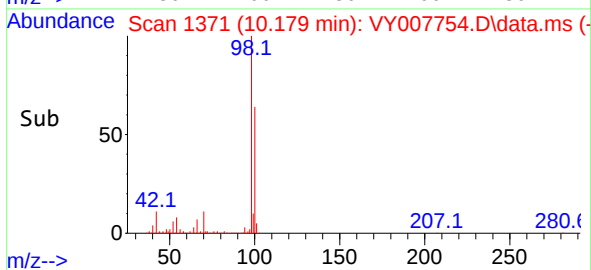
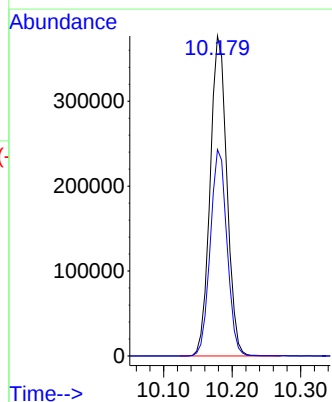
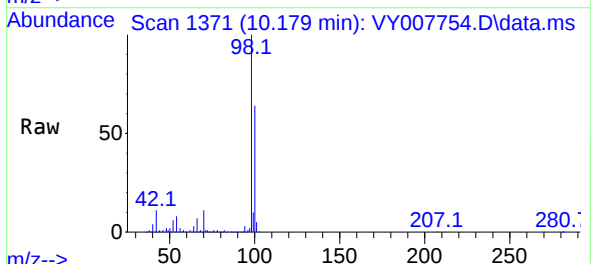


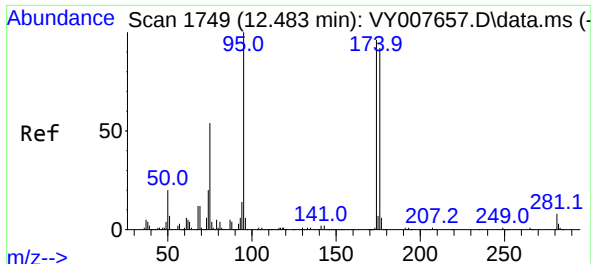
Tgt Ion:117 Resp: 31752
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.667 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007754.D
Acq: 04 Mar 2022 20:01

Tgt Ion: 98 Resp: 641475
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

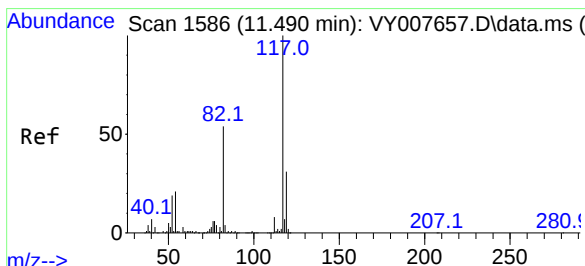
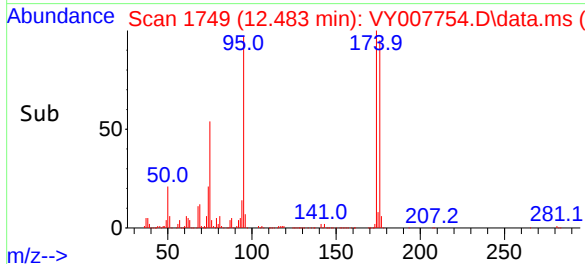
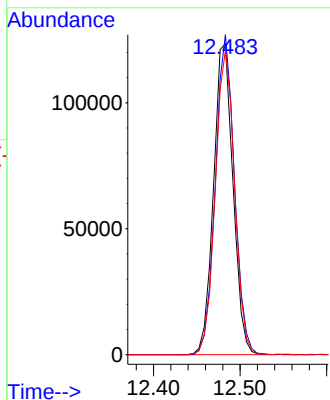
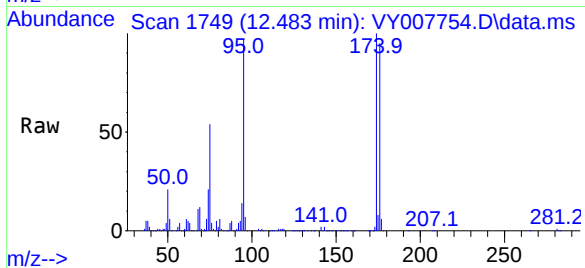




#62
4-Bromofluorobenzene
Concen: 46.292 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007754.D
Acq: 04 Mar 2022 20:01

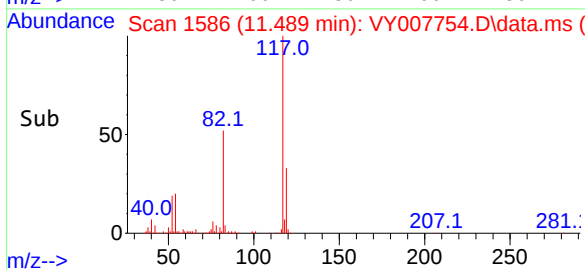
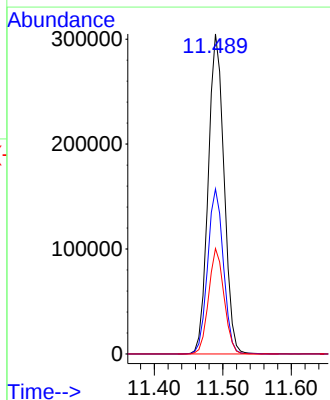
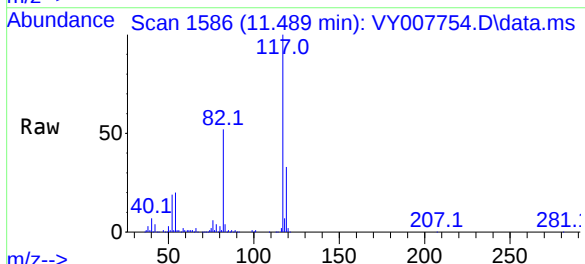
Instrument :
MSVOA_Y
ClientSampleId :

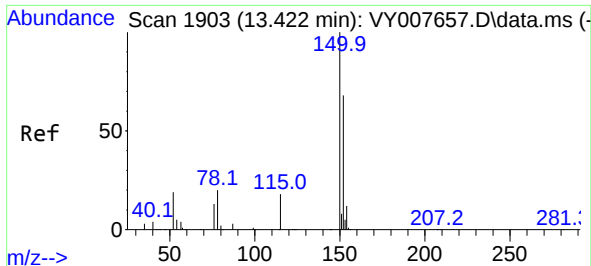
Tgt Ion: 95 Resp: 192724
Ion Ratio Lower Upper
95 100
174 100.6 0.0 177.0
176 96.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007754.D
Acq: 04 Mar 2022 20:01

Tgt Ion: 117 Resp: 489826
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 33.0 25.4 38.0



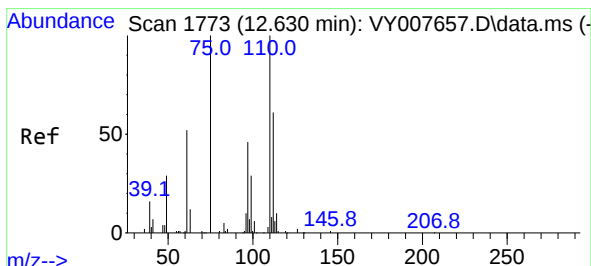
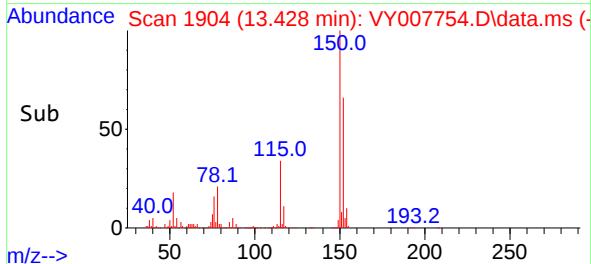
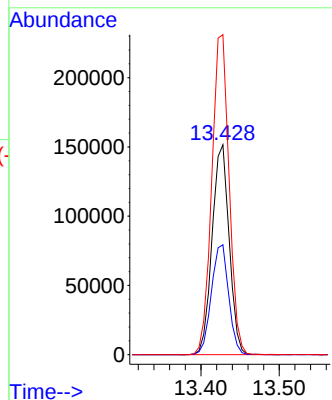
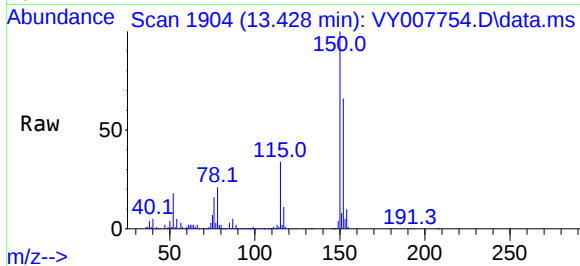


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007754.D
 Acq: 04 Mar 2022 20:01

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:152 Resp: 229209

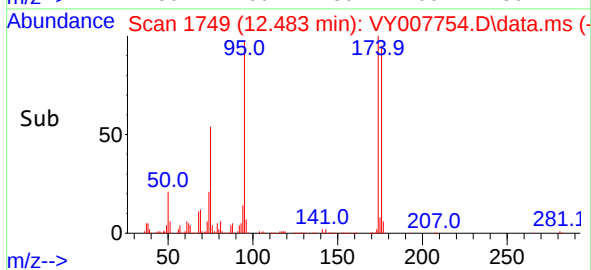
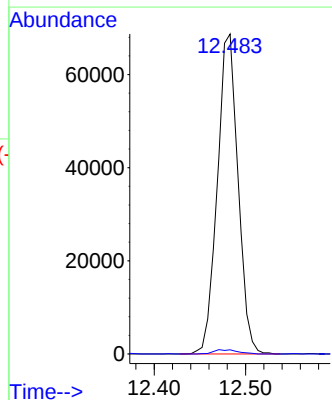
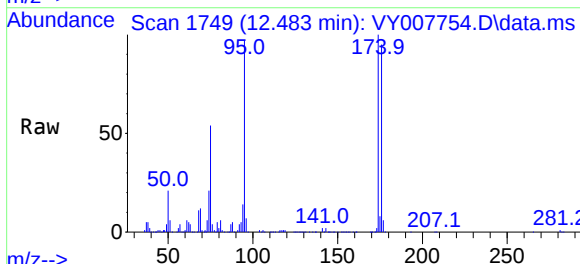
Ion	Ratio	Lower	Upper
152	100		
115	53.1	28.2	84.7
150	154.8	0.0	347.6

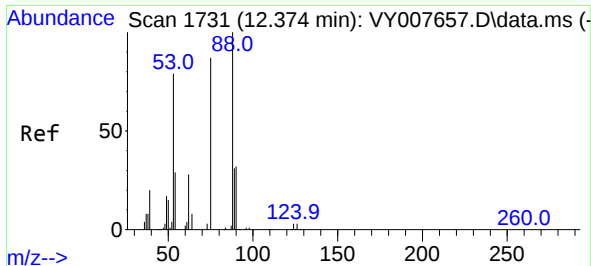


#76
 1,2,3-Trichloropropane
 Concen: 42.296 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007754.D
 Acq: 04 Mar 2022 20:01

Tgt Ion: 75 Resp: 108265

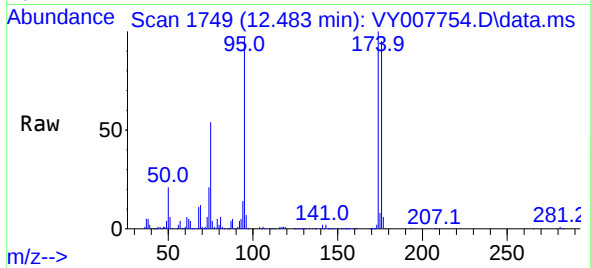
Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.468 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007754.D
 Acq: 04 Mar 2022 20:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 108265
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

