

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007756.D
 Acq On : 04 Mar 2022 20:47
 Operator : SY/MD
 Sample : N1796-01
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 05 04:27:11 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)

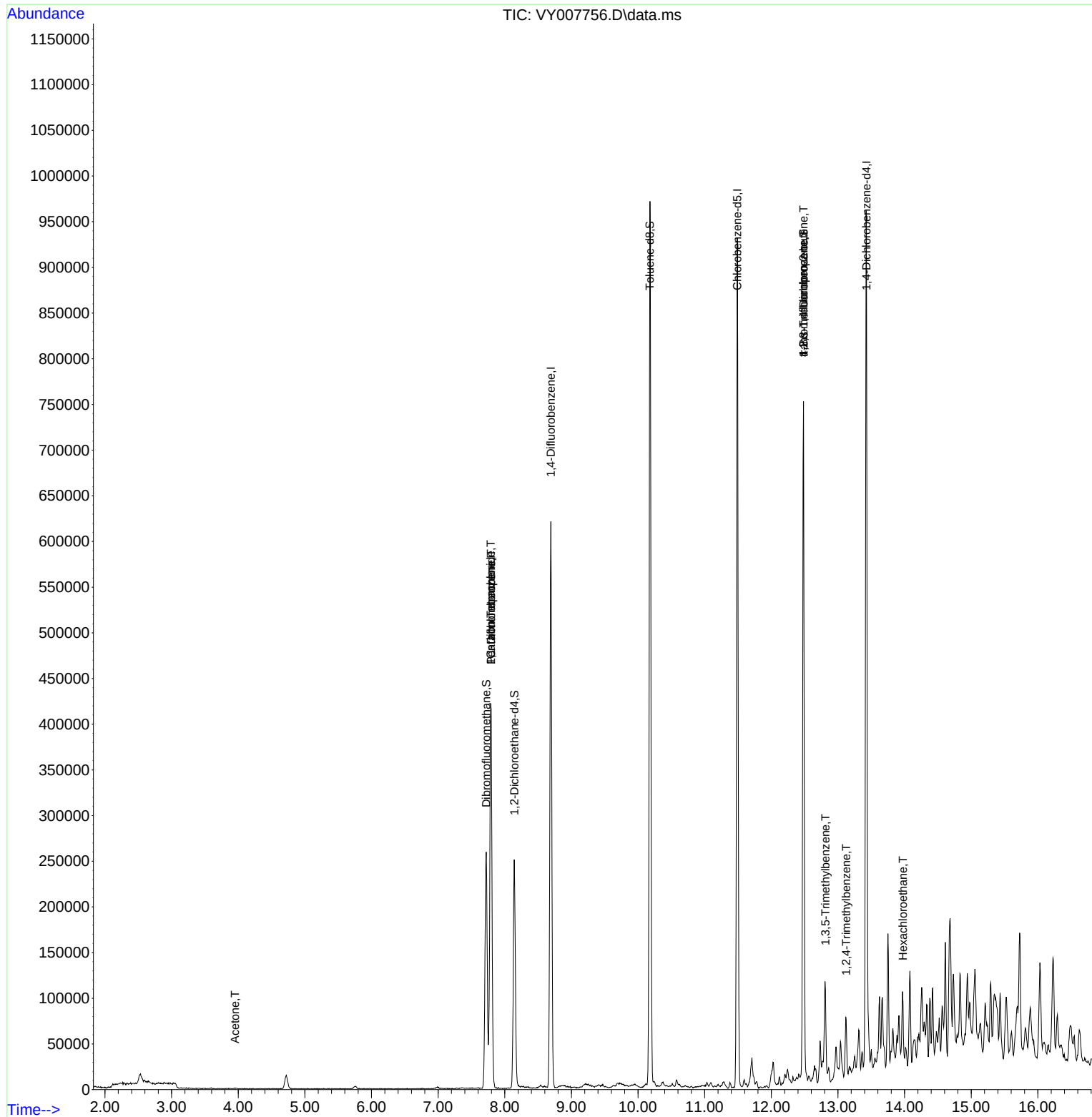
Internal Standards						
1) Pentafluorobenzene	7.795	168	343362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	542144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	493017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	238081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	187341	52.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.240%	
35) Dibromofluoromethane	7.722	113	176535	50.932	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.860%	
50) Toluene-d8	10.179	98	641607	50.287	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	12.483	95	199507	48.509	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.020%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	95	Below Cal	#	43
3) Chloromethane	2.119	50	936	Below Cal	#	74
13) Acrolein	3.607	56	42	Below Cal	#	14
16) Acetone	3.954	43	843	1.153	ug/l #	31
17) Carbon Disulfide	4.198	76	21	Below Cal	#	75
18) Methyl Acetate	4.509	43	80	Below Cal	#	56
20) Methylene Chloride	4.729	84	11148	Below Cal	#	65
31) Cyclohexane	7.789	56	6660	Below Cal	#	12
36) 1,1-Dichloropropene	7.795	75	23995	4.401	ug/l #	52
38) Carbon Tetrachloride	7.789	117	31524	5.420	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	110496	41.559	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.812	105	17192	1.159	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.483	75	110496	84.961	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.123	105	34091	2.334	ug/l	95
90) Hexachloroethane	13.977	117	3644	1.153	ug/l #	6

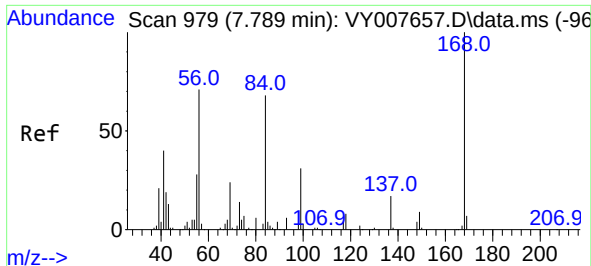
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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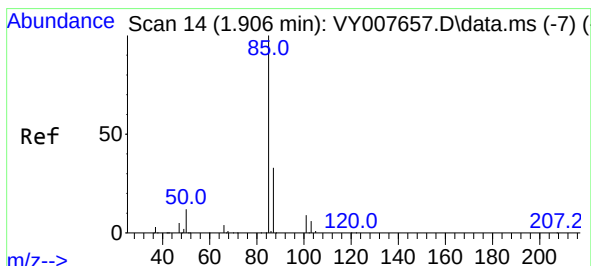
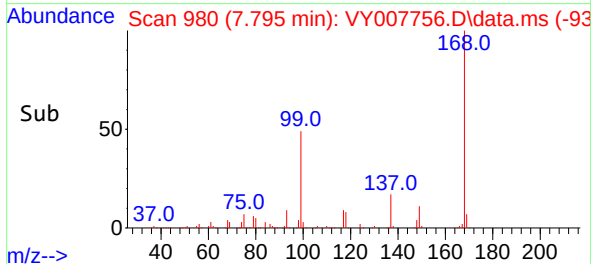
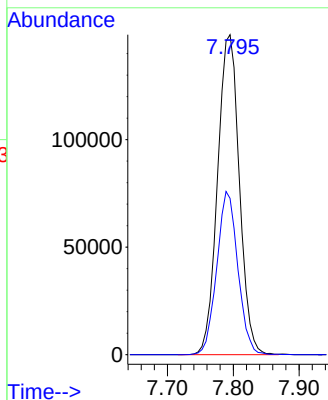
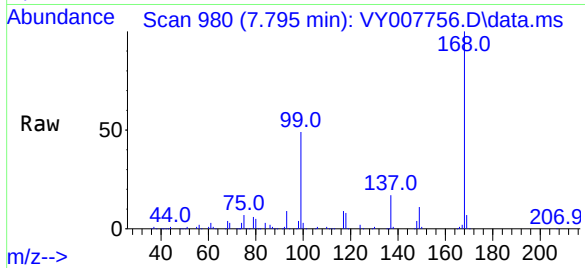




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

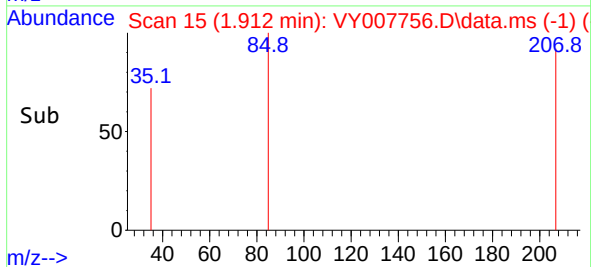
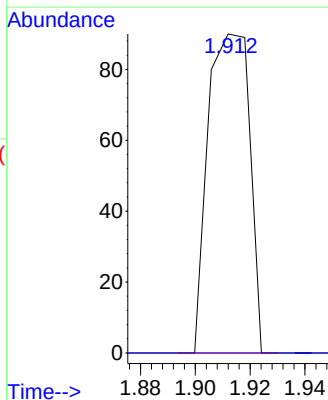
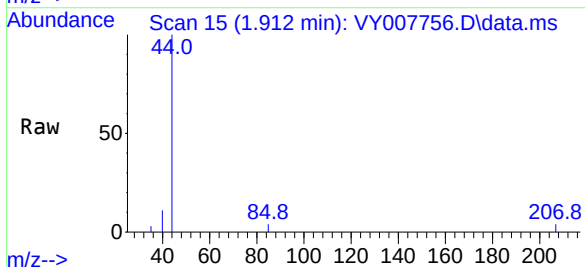
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 343362
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3

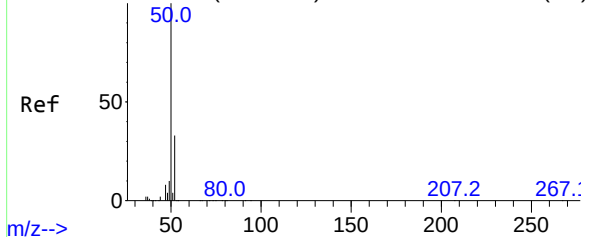


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

Tgt Ion: 85 Resp: 95
Ion Ratio Lower Upper
85 100
87 0.0 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: VY007756.D

Acq: 04 Mar 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

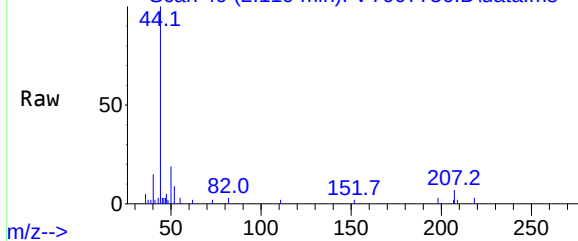
Tgt Ion: 50 Resp: 936

Ion Ratio Lower Upper

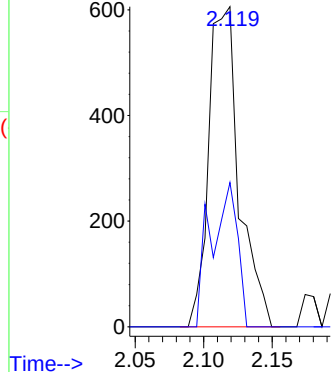
50 100

52 45.0 24.6 37.0#

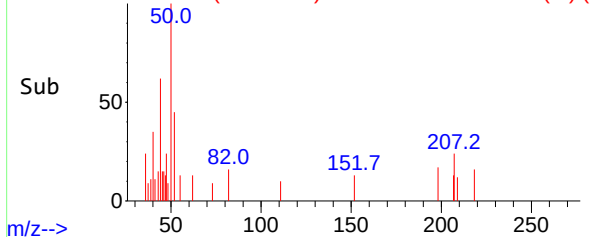
Abundance Scan 49 (2.119 min): VY007756.D\data.ms



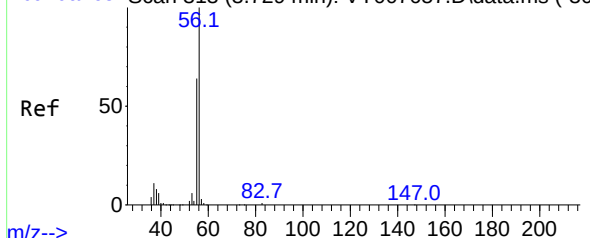
Abundance



Abundance Scan 49 (2.119 min): VY007756.D\data.ms (-1)



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



#13

Acrolein

Concen: Below Cal

RT: 3.607 min Scan# 293

Delta R.T. -0.122 min

Lab File: VY007756.D

Acq: 04 Mar 2022 20:47

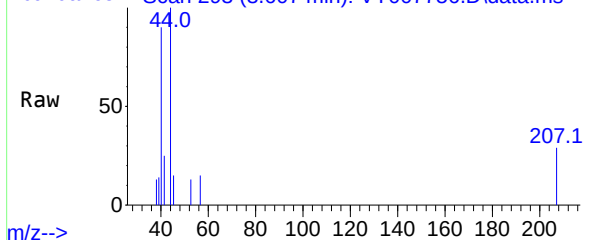
Tgt Ion: 56 Resp: 42

Ion Ratio Lower Upper

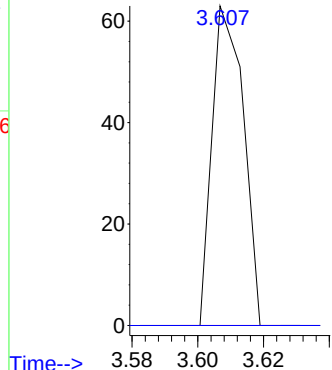
56 100

55 0.0 57.6 86.4#

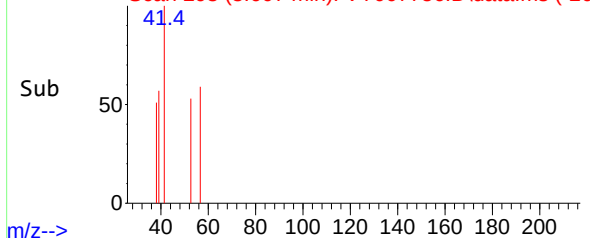
Abundance Scan 293 (3.607 min): VY007756.D\data.ms

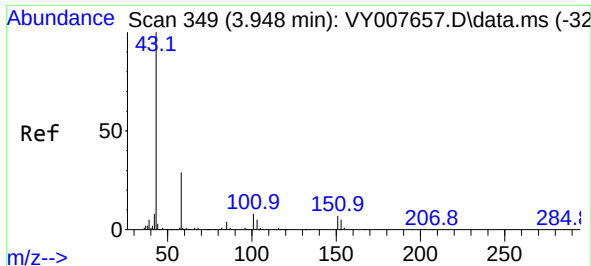


Abundance



Abundance Scan 293 (3.607 min): VY007756.D\data.ms (-26)

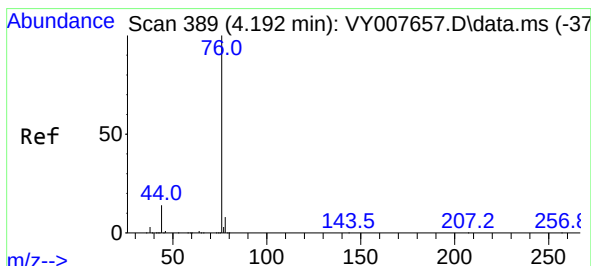
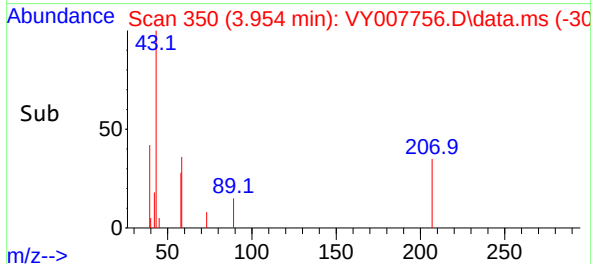
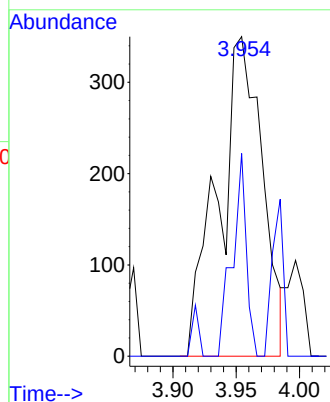
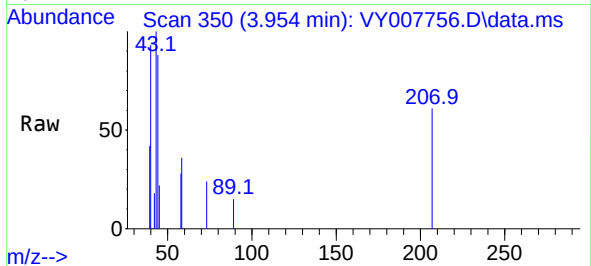




#16
Acetone
Concen: 1.153 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

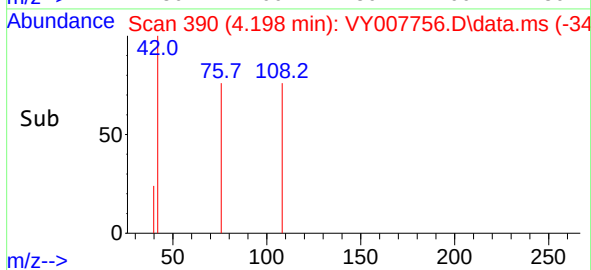
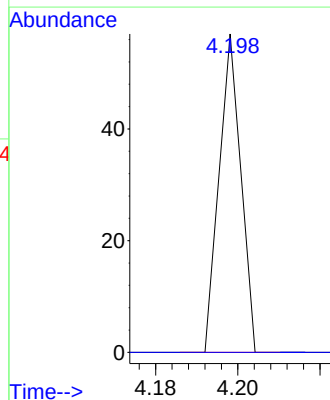
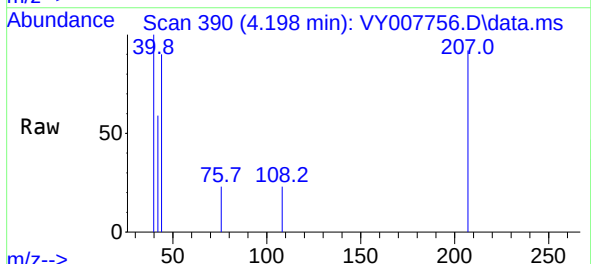
Instrument :
MSVOA_Y
ClientSampleId :

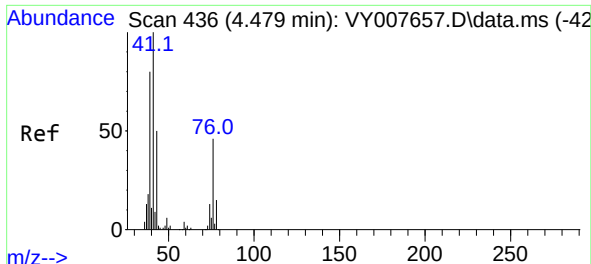
Tgt Ion: 43 Resp: 843
Ion Ratio Lower Upper
43 100
58 63.4 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

Tgt Ion: 76 Resp: 21
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

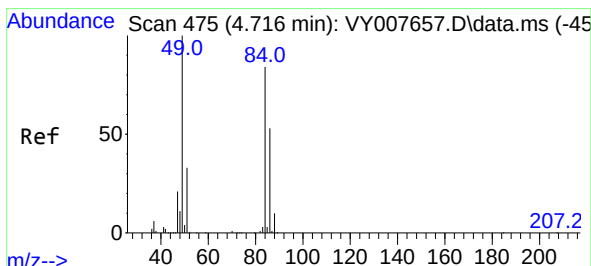
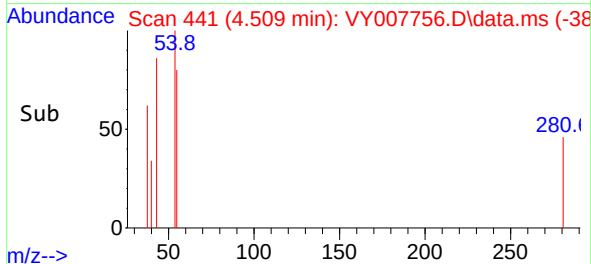
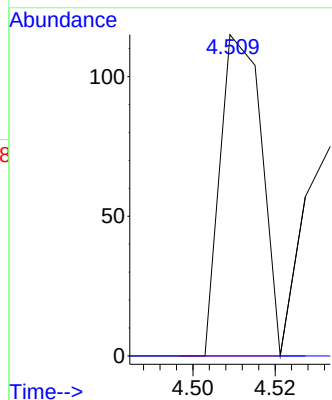
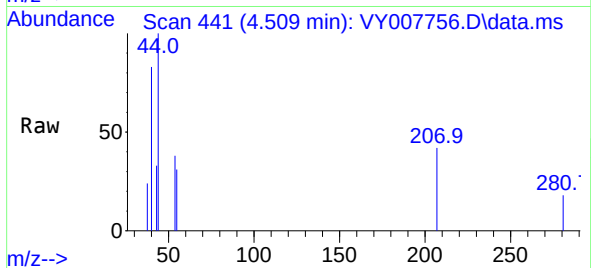




#18
Methyl Acetate
Concen: Below Cal
RT: 4.509 min Scan# 441
Delta R.T. 0.030 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

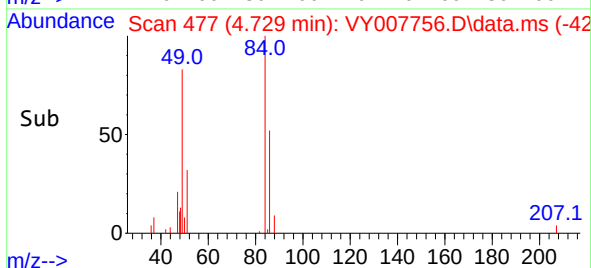
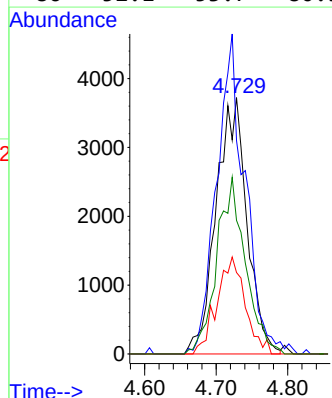
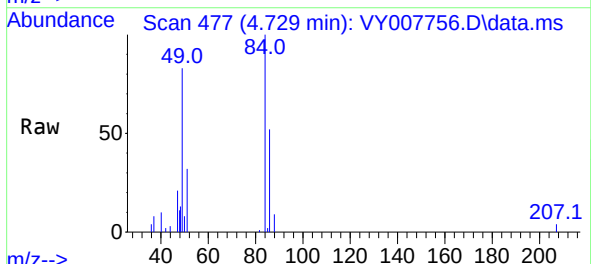
Instrument :
MSVOA_Y
ClientSampleId :

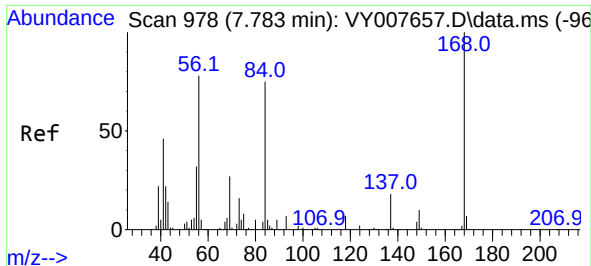
Tgt Ion: 43 Resp: 80
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

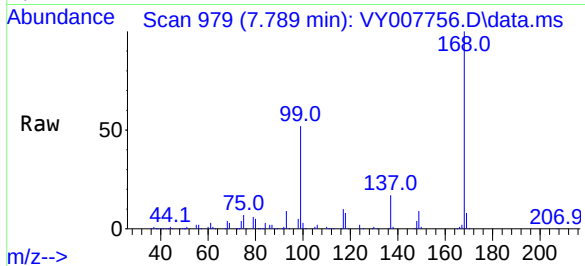
Tgt Ion: 84 Resp: 11148
Ion Ratio Lower Upper
84 100
49 83.3 114.4 171.6#
51 31.8 35.3 52.9#
86 52.1 53.7 80.5#



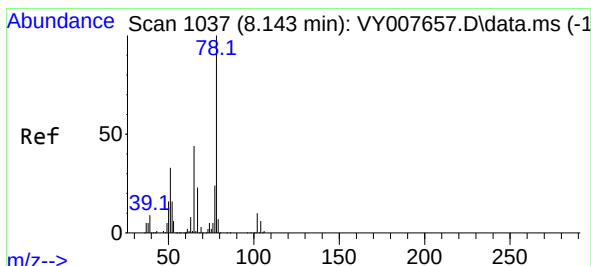
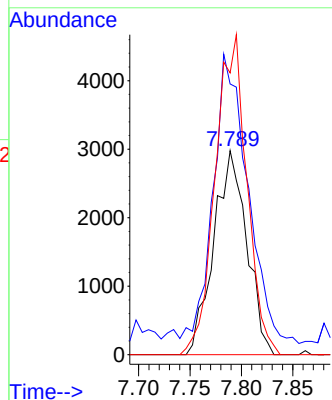
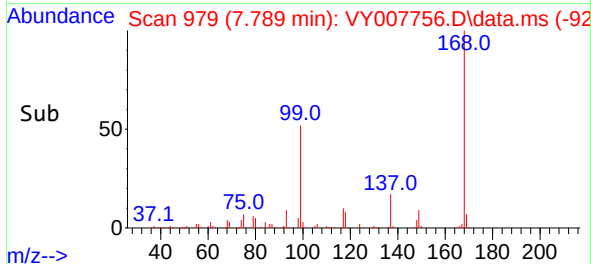


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

Instrument :
MSVOA_Y
ClientSampleId :

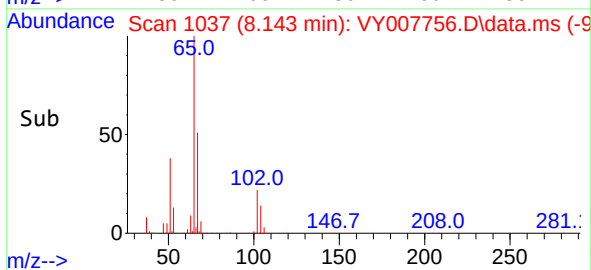
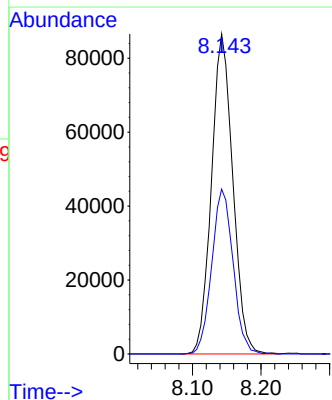
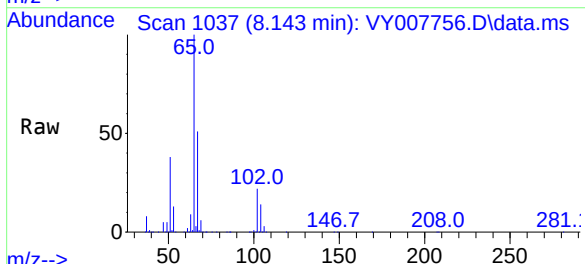


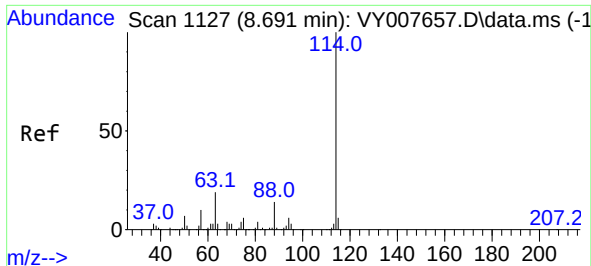
Tgt Ion: 56 Resp: 6660
Ion Ratio Lower Upper
56 100
69 124.8 26.7 40.1#
84 138.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 52.116 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

Tgt Ion: 65 Resp: 187341
Ion Ratio Lower Upper
65 100
67 51.4 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: VY007756.D

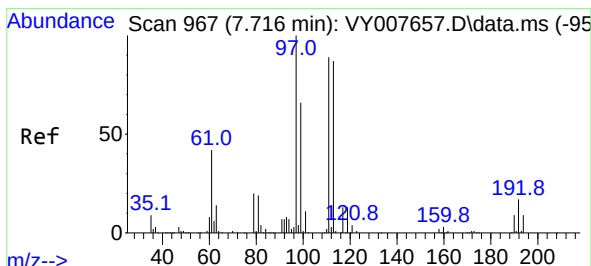
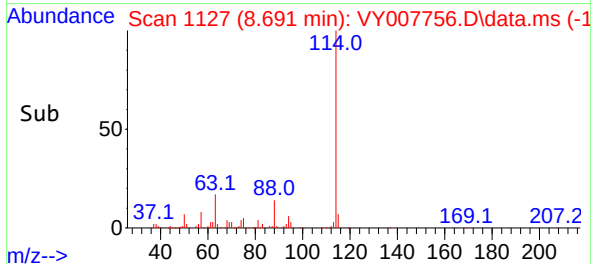
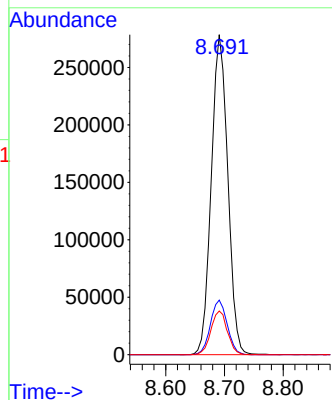
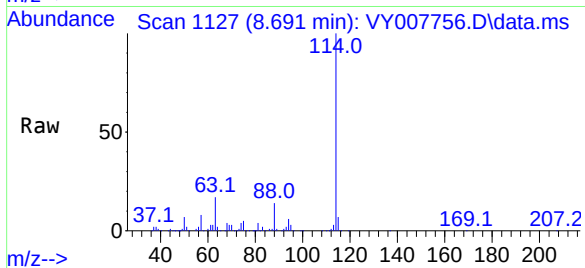
Acq: 04 Mar 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	542144
Ion	Ratio	Lower Upper
114	100	
63	17.0	0.0 43.2
88	13.6	0.0 31.8



#35

Dibromofluoromethane

Concen: 50.932 ug/l

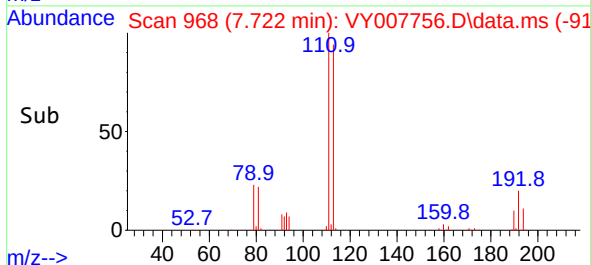
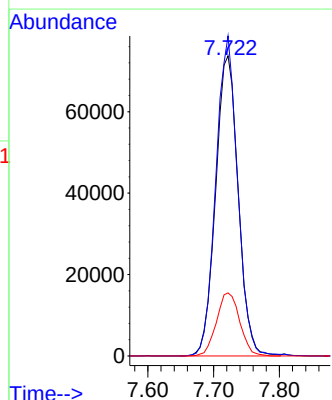
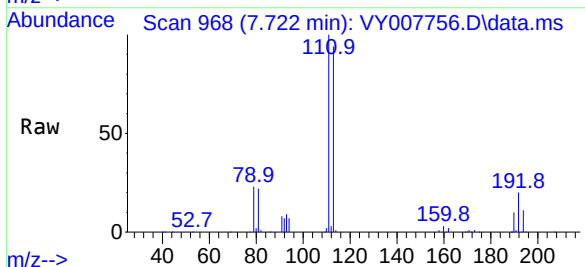
RT: 7.722 min Scan# 968

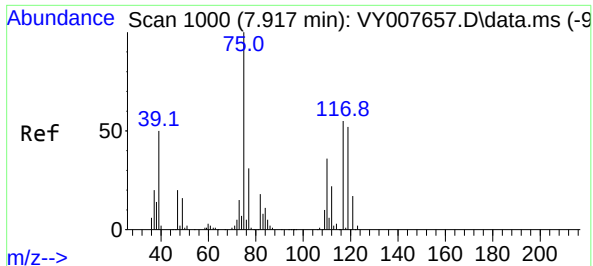
Delta R.T. 0.006 min

Lab File: VY007756.D

Acq: 04 Mar 2022 20:47

Tgt Ion:113	Resp:	176535
Ion	Ratio	Lower Upper
113	100	
111	102.6	82.6 124.0
192	21.6	17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.401 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY007756.D

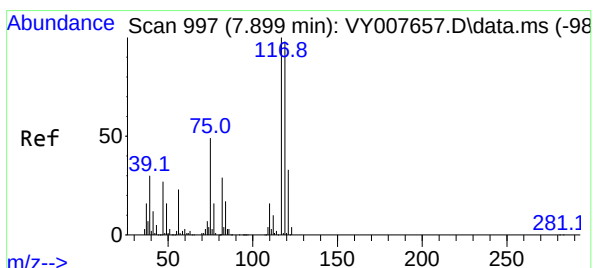
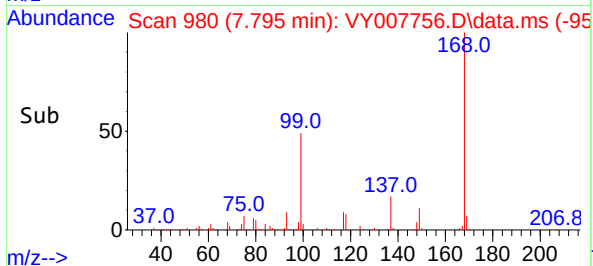
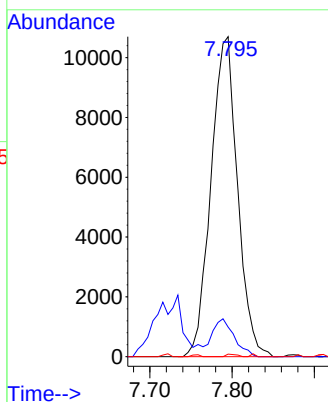
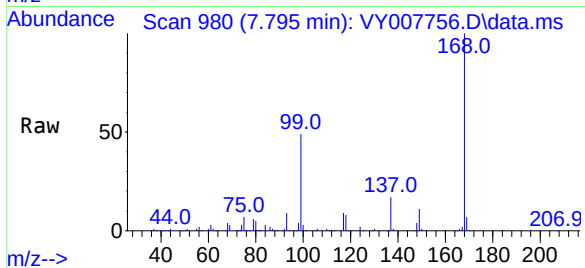
Acq: 04 Mar 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	23995
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.1	51.2#
77	0.3	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.420 ug/l

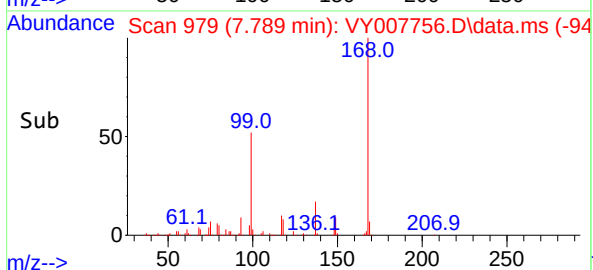
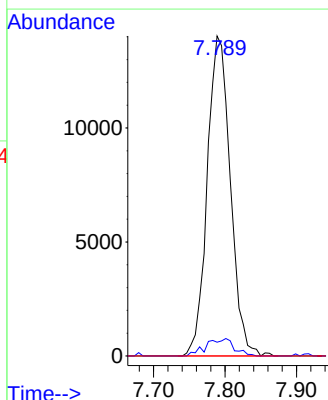
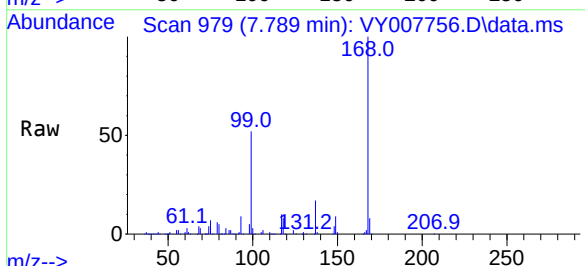
RT: 7.789 min Scan# 979

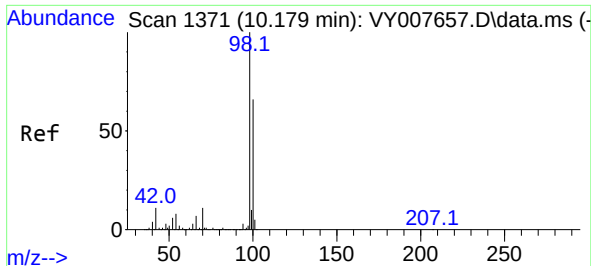
Delta R.T. -0.110 min

Lab File: VY007756.D

Acq: 04 Mar 2022 20:47

Tgt Ion:	117	Resp:	31524
Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.9	116.9#
121	0.0	24.8	37.2#

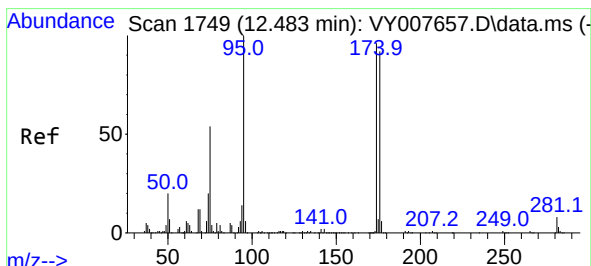
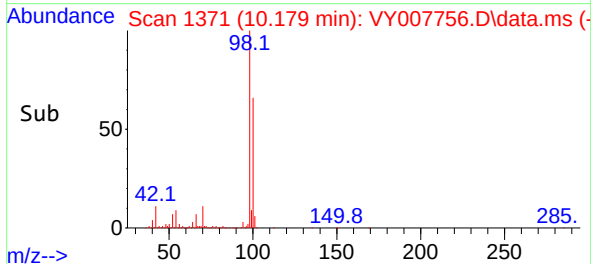
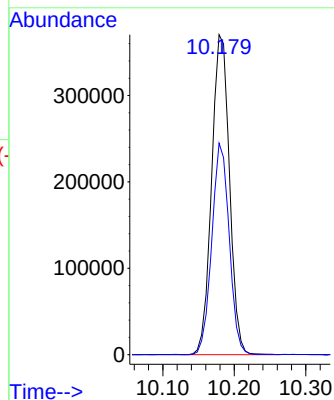
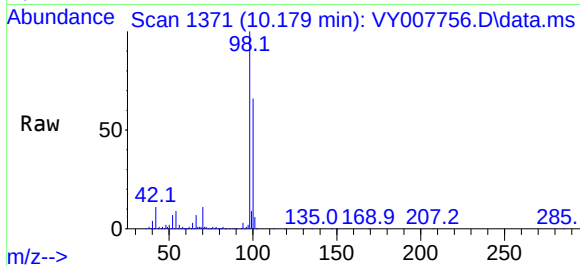




#50
Toluene-d8
Concen: 50.287 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

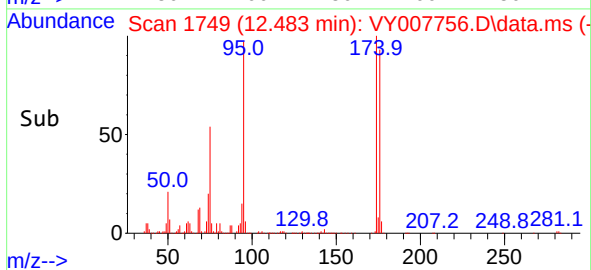
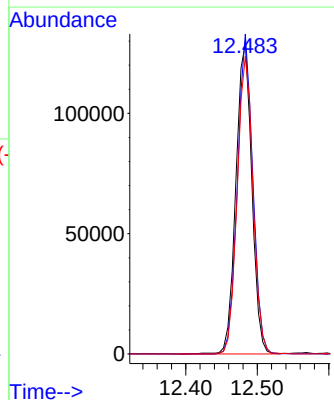
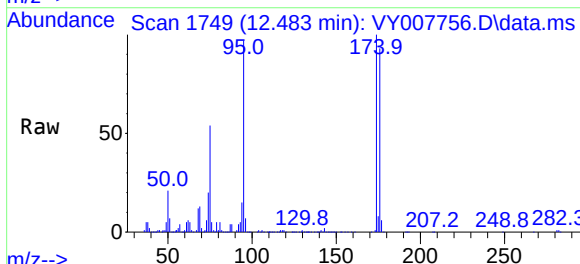
Instrument :
MSVOA_Y
ClientSampleId :

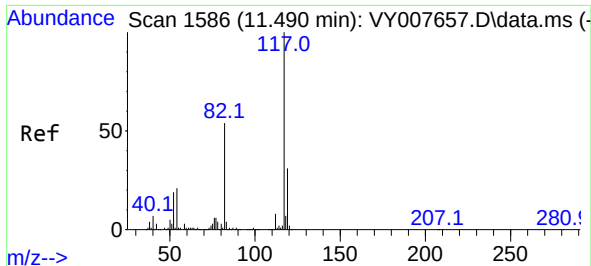
Tgt Ion: 98 Resp: 641607
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.509 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

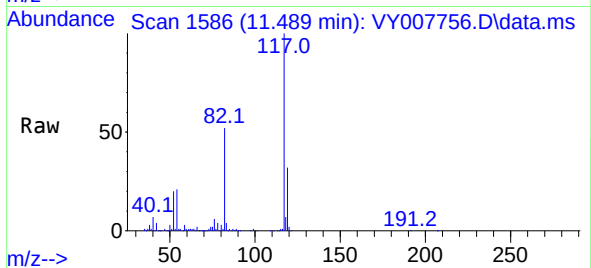
Tgt Ion: 95 Resp: 199507
Ion Ratio Lower Upper
95 100
174 99.4 0.0 177.0
176 94.7 0.0 175.8



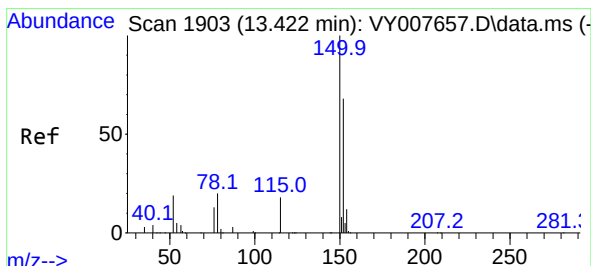
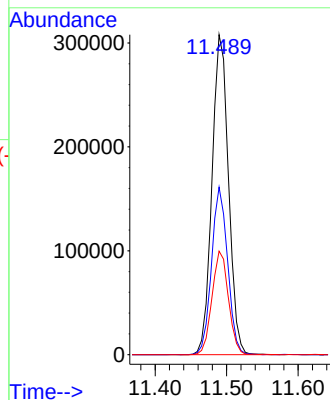
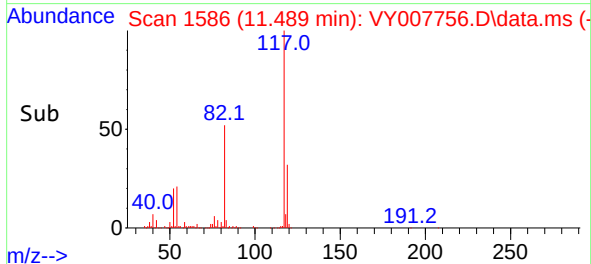


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

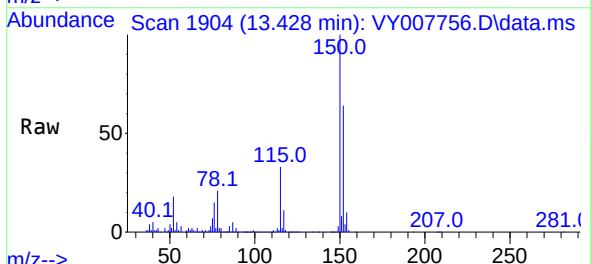
Instrument :
MSVOA_Y
ClientSampleId :



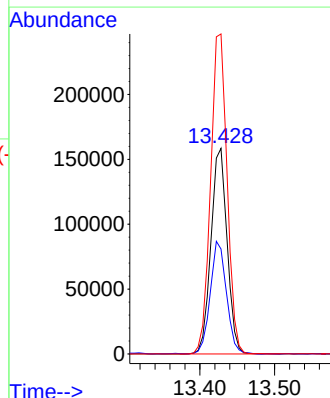
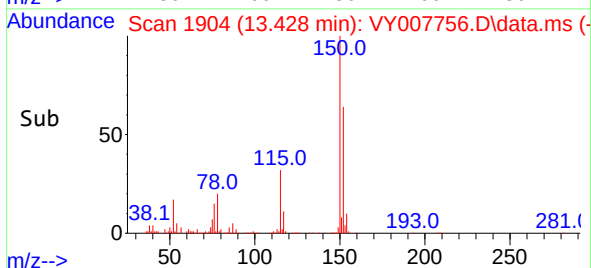
Tgt Ion:117 Resp: 493017
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.3 25.4 38.0

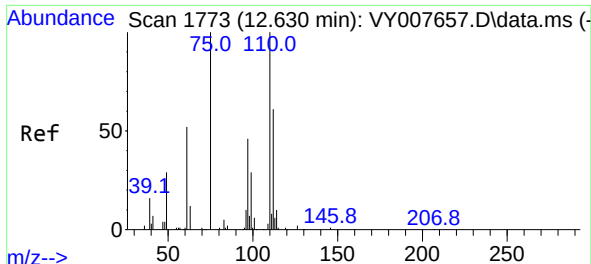


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47



Tgt Ion:152 Resp: 238081
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 158.8 0.0 347.6

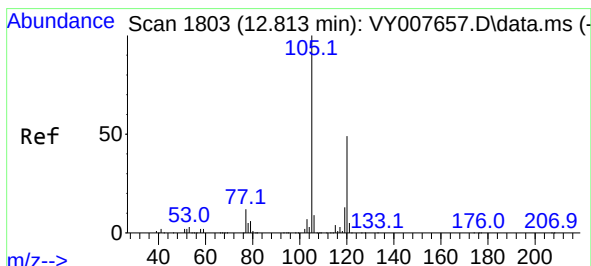
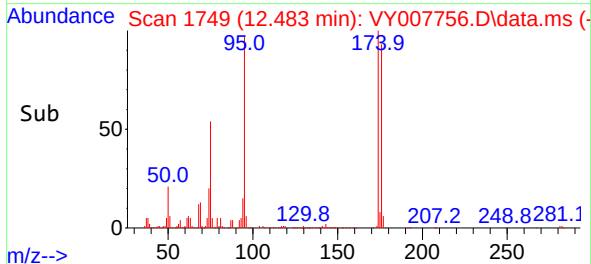
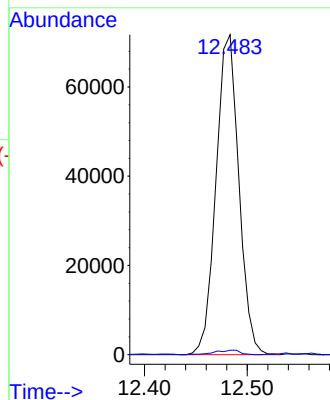
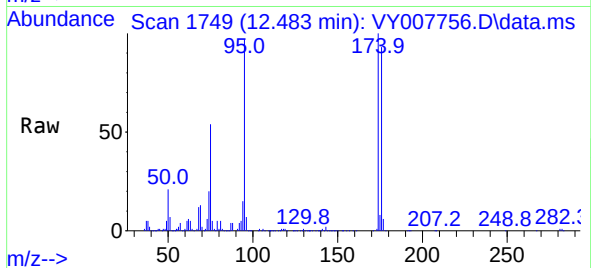




#76
1,2,3-Trichloropropane
Concen: 41.559 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.147 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

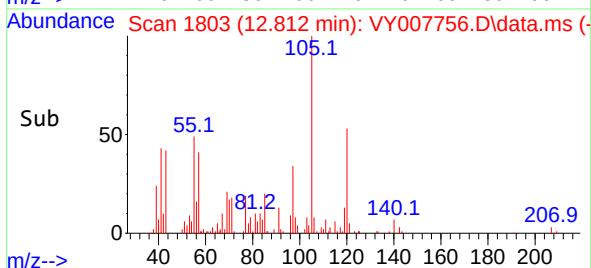
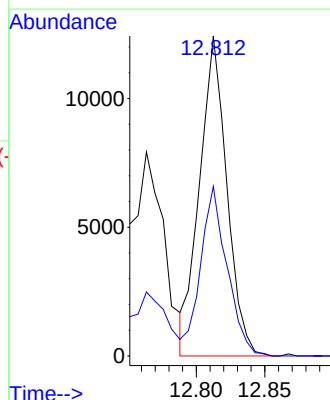
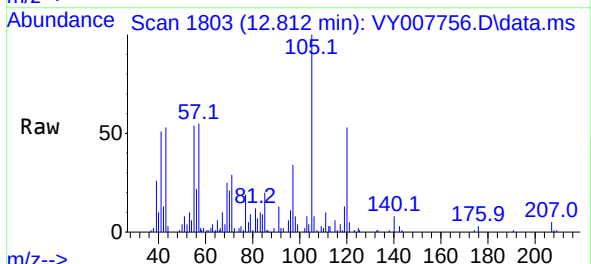
Instrument :
MSVOA_Y
ClientSampleId :

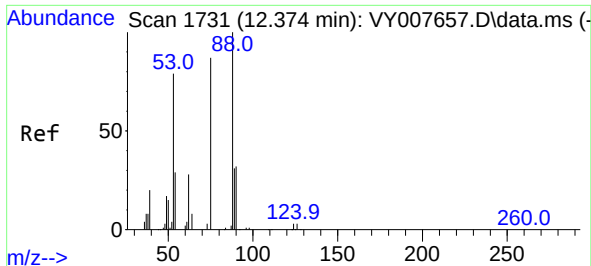
Tgt Ion: 75 Resp: 110496
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 1.159 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

Tgt Ion: 105 Resp: 17192
Ion Ratio Lower Upper
105 100
120 51.7 24.4 73.4

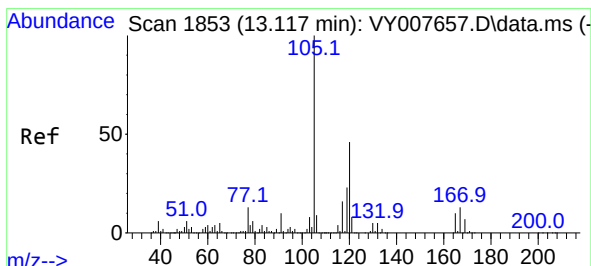
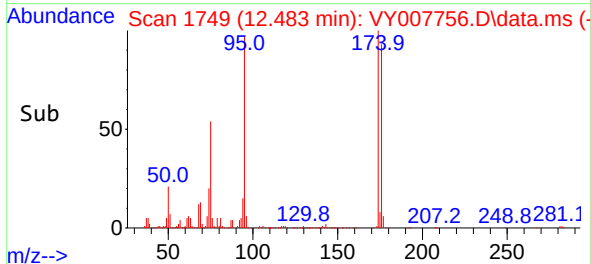
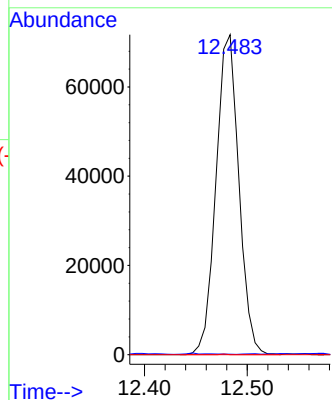
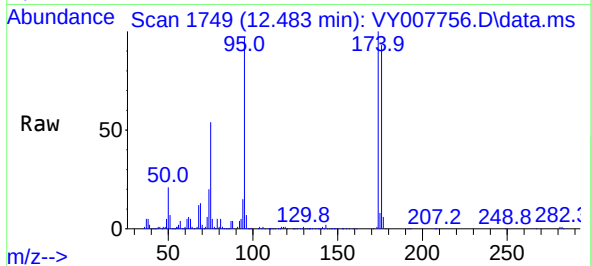




#81
trans-1,4-Dichloro-2-butene
Concen: 84.961 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

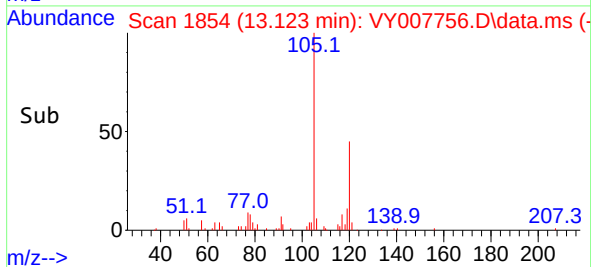
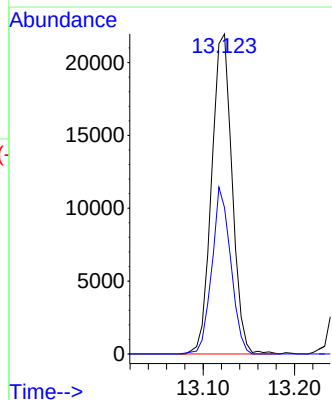
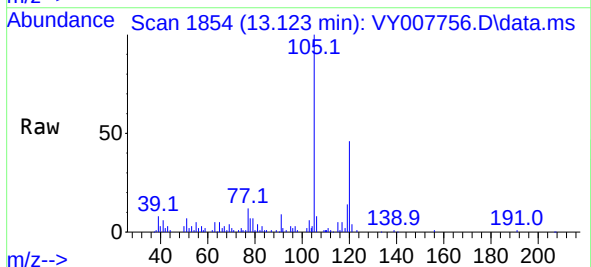
Instrument :
MSVOA_Y
ClientSampleId :

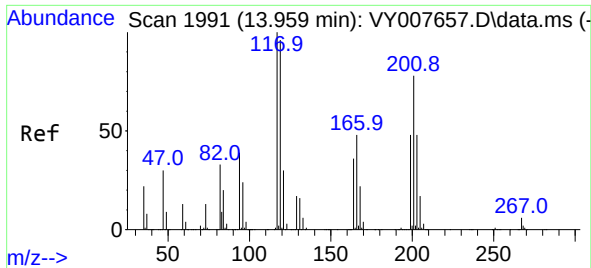
Tgt Ion: 75 Resp: 110496
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 2.334 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

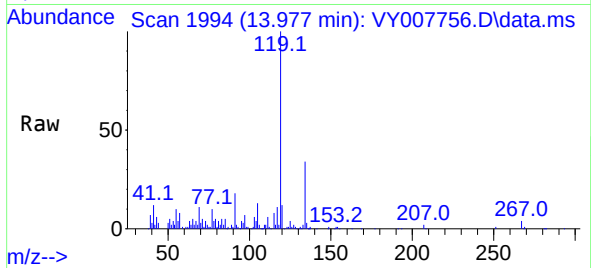
Tgt Ion: 105 Resp: 34091
Ion Ratio Lower Upper
105 100
120 48.0 22.3 66.9





#90
Hexachloroethane
Concen: 1.153 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.018 min
Lab File: VY007756.D
Acq: 04 Mar 2022 20:47

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:117 Resp: 3644
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#

