

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007790.D
 Acq On : 08 Mar 2022 19:12
 Operator : SY/MD
 Sample : N1763-04
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 09 00:29:24 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)

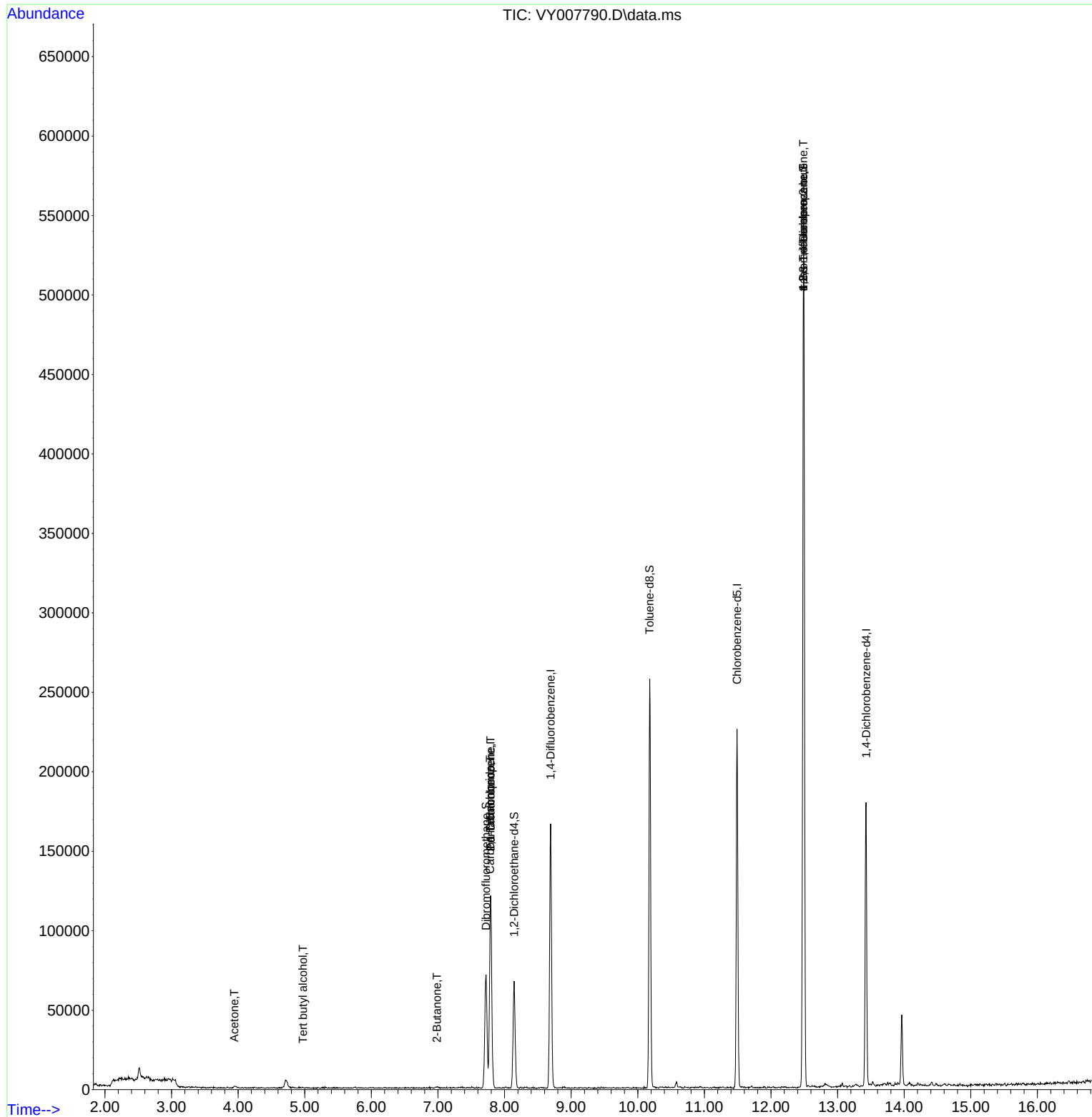
Internal Standards						
1) Pentafluorobenzene	7.789	168	95472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	142806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	120746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	49612	49.637	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.280%			
35) Dibromofluoromethane	7.722	113	48407	53.019	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.040%			
50) Toluene-d8	10.179	98	169271	50.366	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.740%			
62) 4-Bromofluorobenzene	12.483	95	44368	40.955	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 81.900%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	808	Below Cal	#	62
11) Tert butyl alcohol	4.972	59	126	1.456	ug/l #	77
13) Acrolein	3.717	56	23	Below Cal	#	14
16) Acetone	3.942	43	963	4.736	ug/l	94
17) Carbon Disulfide	4.095	76	29	Below Cal	#	75
18) Methyl Acetate	4.473	43	96	Below Cal	#	56
20) Methylene Chloride	4.716	84	3794	Below Cal	#	61
25) 2-Butanone	6.984	43	381	1.117	ug/l #	54
31) Cyclohexane	7.789	56	2289	Below Cal	#	5
36) 1,1-Dichloropropene	7.789	75	7407	5.157	ug/l #	52
38) Carbon Tetrachloride	7.783	117	9136	5.963	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	28515	54.403	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	28515	111.220	ug/l #	9

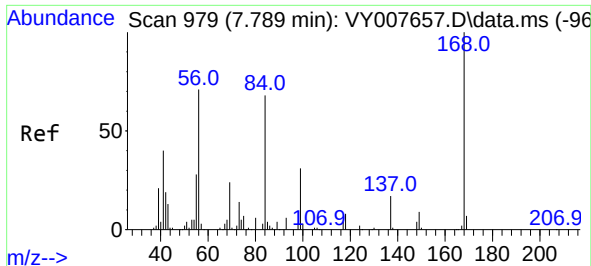
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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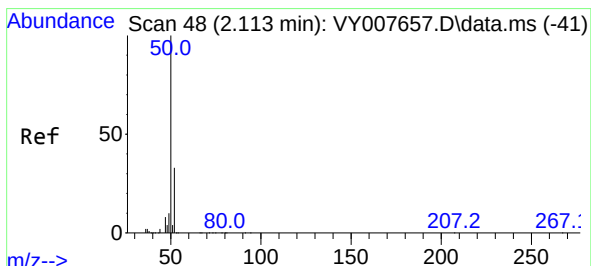
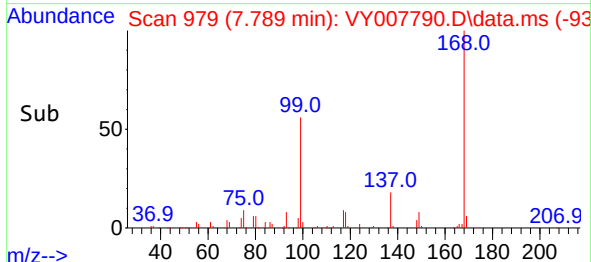
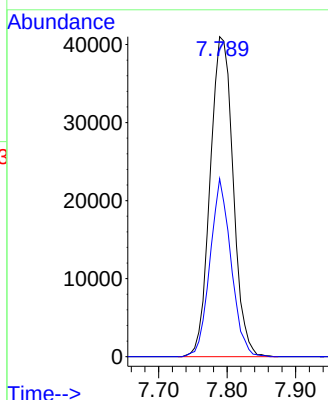
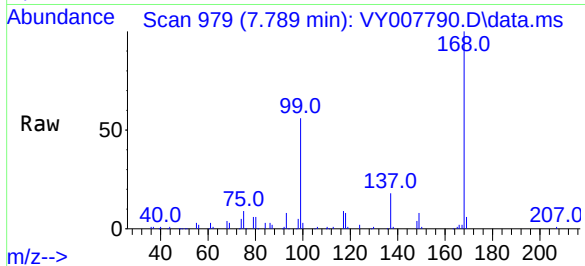




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

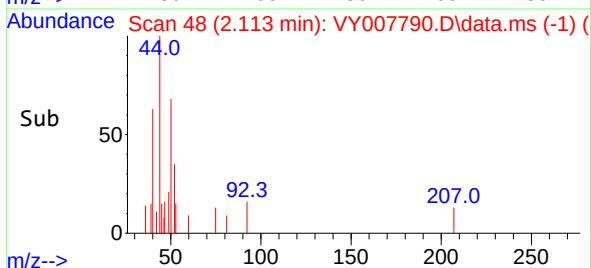
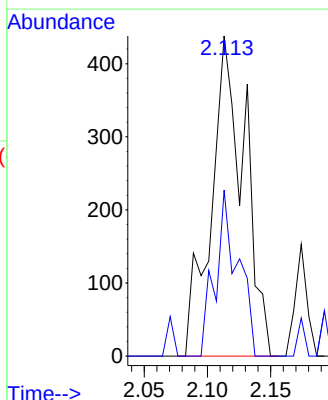
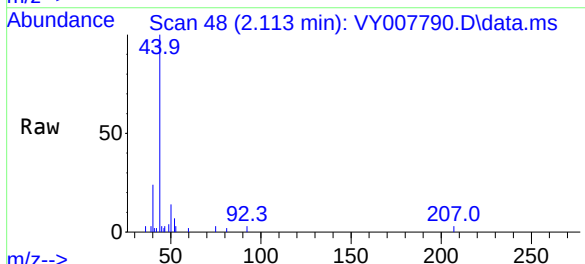
Instrument :
MSVOA_Y
ClientSampleId :

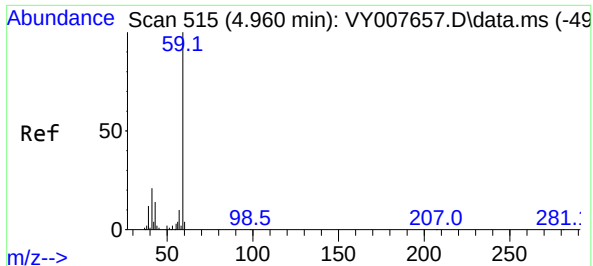
Tgt Ion:168 Resp: 95472
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

Tgt Ion: 50 Resp: 808
Ion Ratio Lower Upper
50 100
52 51.8 24.6 37.0#

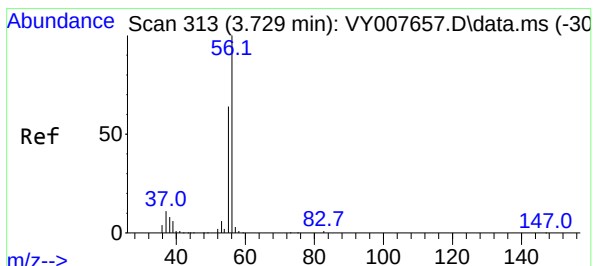
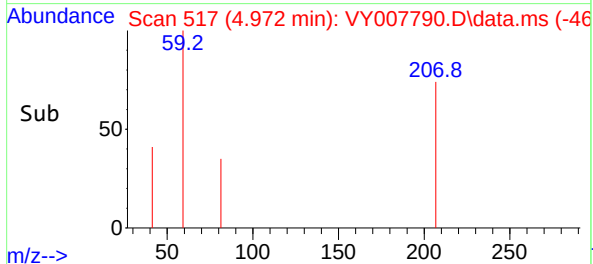
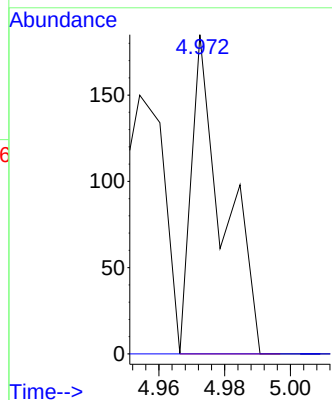
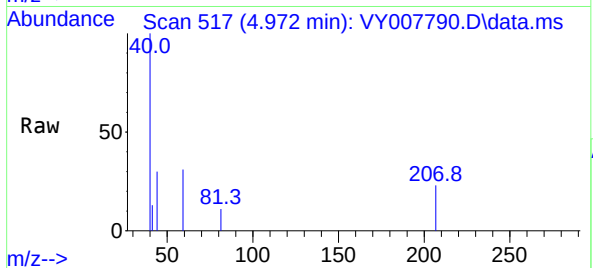




#11
Tert butyl alcohol
Concen: 1.456 ug/l
RT: 4.972 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

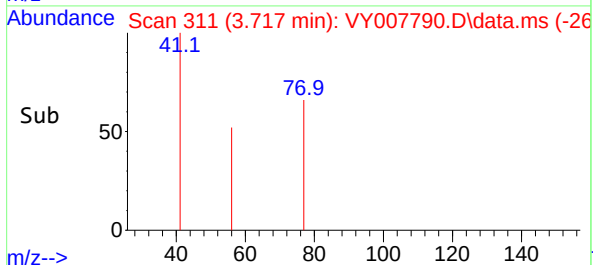
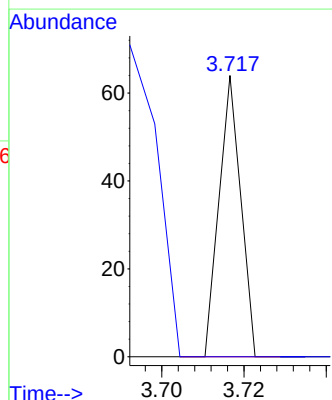
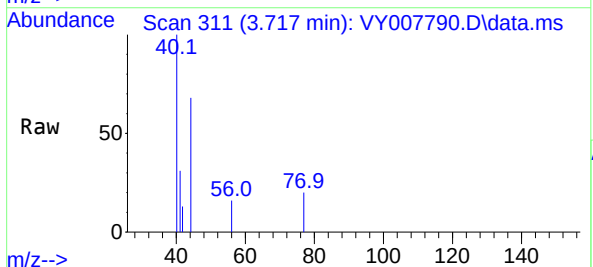
Instrument :
MSVOA_Y
ClientSampleId :

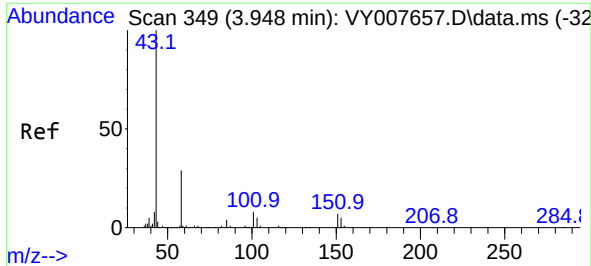
Tgt Ion: 59 Resp: 126
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#13
Acrolein
Concen: Below Cal
RT: 3.717 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#





#16

Acetone

Concen: 4.736 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY007790.D

Acq: 08 Mar 2022 19:12

Instrument :

MSVOA_Y

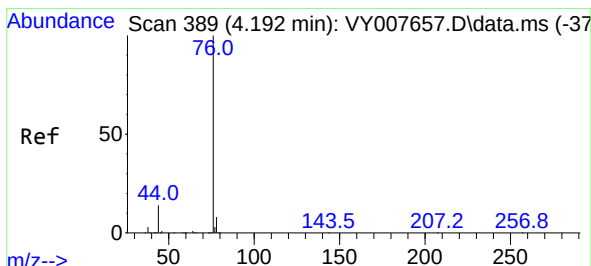
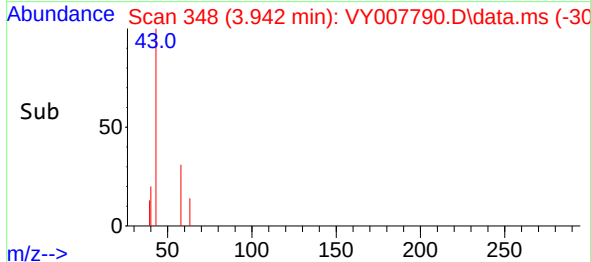
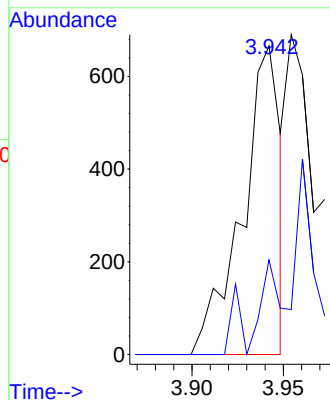
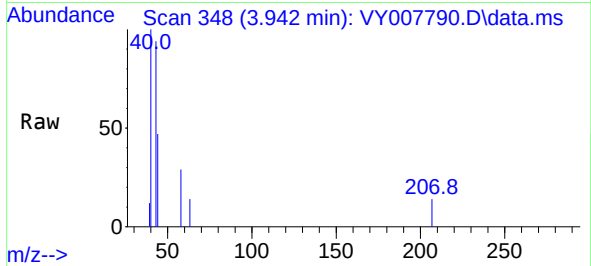
ClientSampleId :

Tgt Ion: 43 Resp: 963

Ion Ratio Lower Upper

43 100

58 30.6 22.0 33.0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.095 min Scan# 373

Delta R.T. -0.097 min

Lab File: VY007790.D

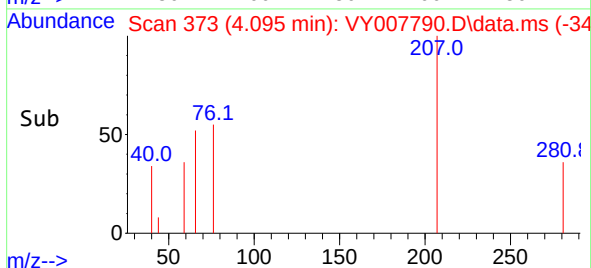
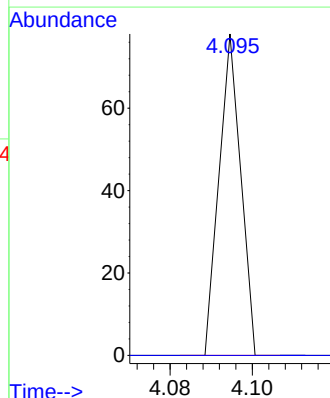
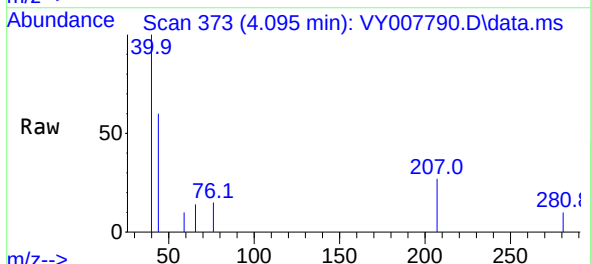
Acq: 08 Mar 2022 19:12

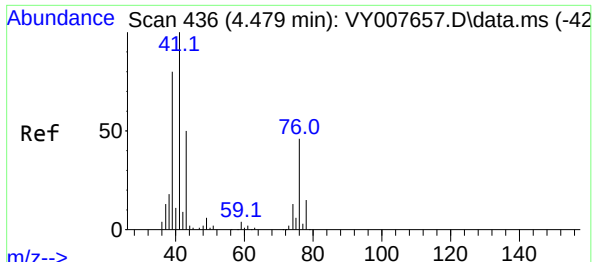
Tgt Ion: 76 Resp: 29

Ion Ratio Lower Upper

76 100

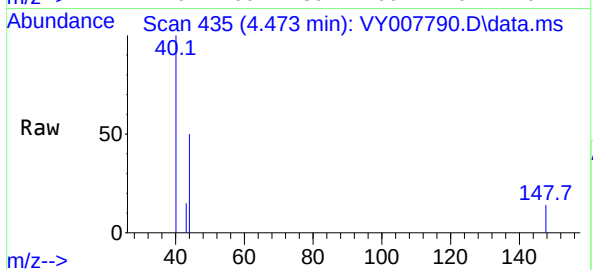
78 0.0 7.4 11.0#



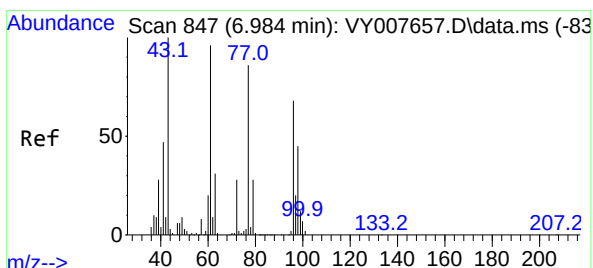
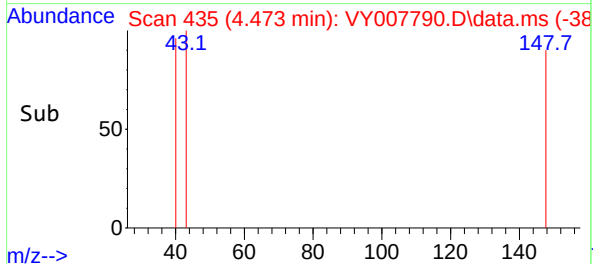
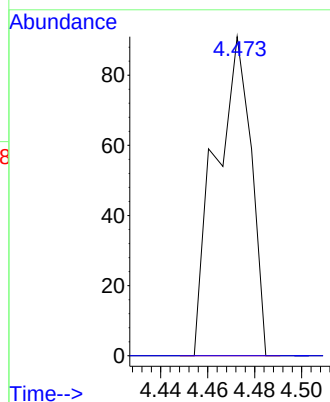


#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

Instrument :
MSVOA_Y
ClientSampleId :

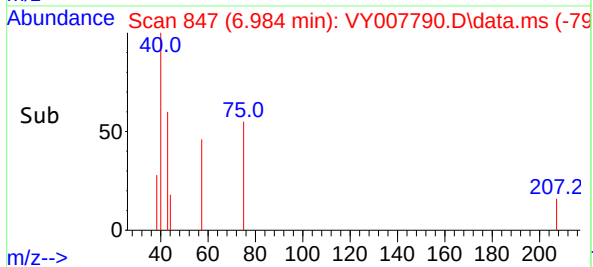
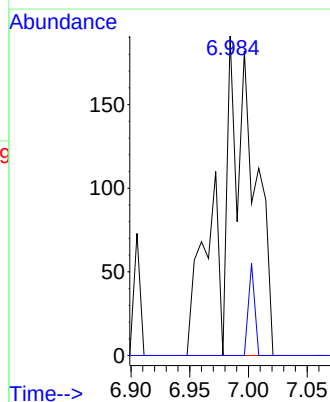
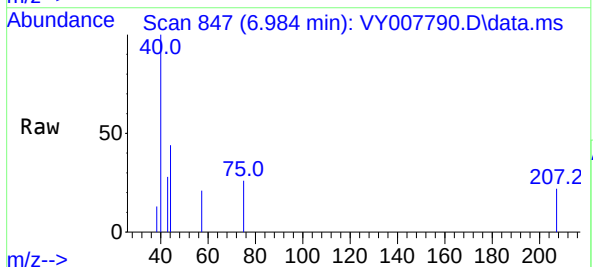


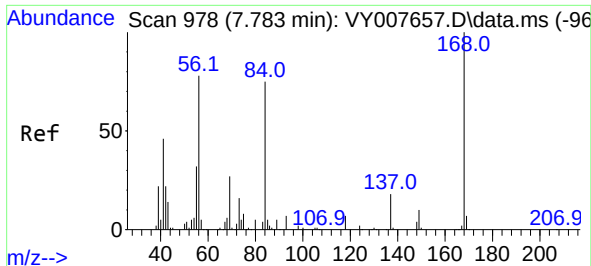
Tgt Ion: 43 Resp: 96
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 1.117 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

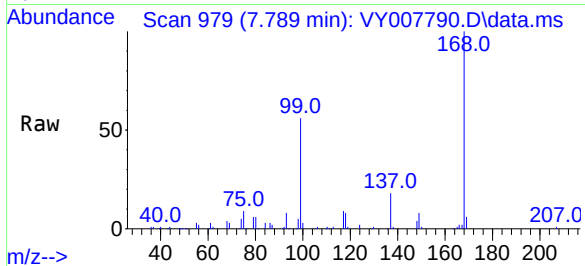
Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



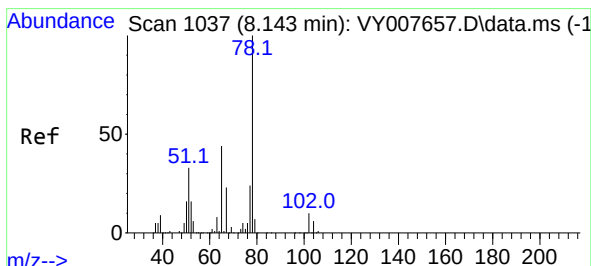
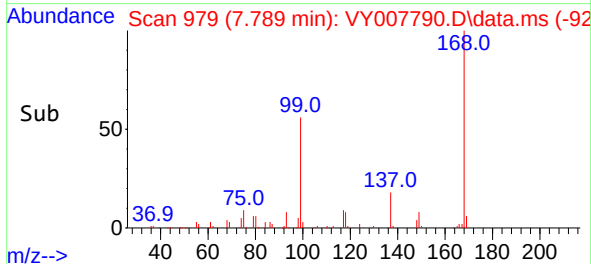
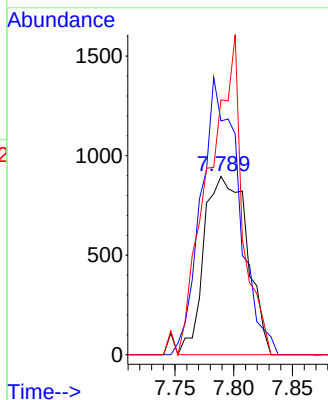


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

Instrument :
MSVOA_Y
ClientSampleId :

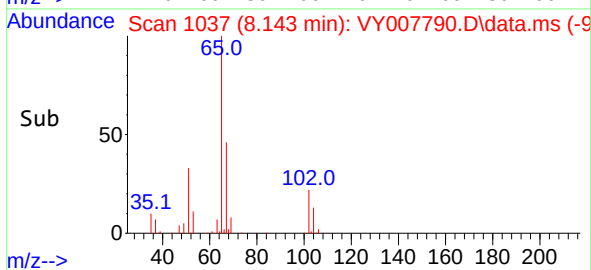
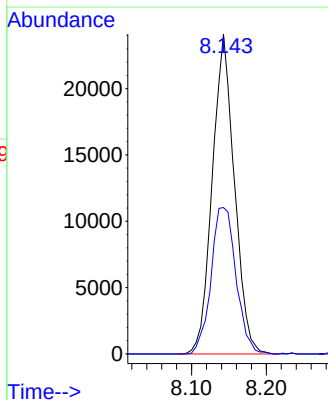
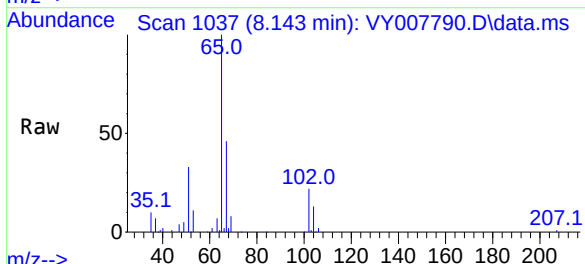


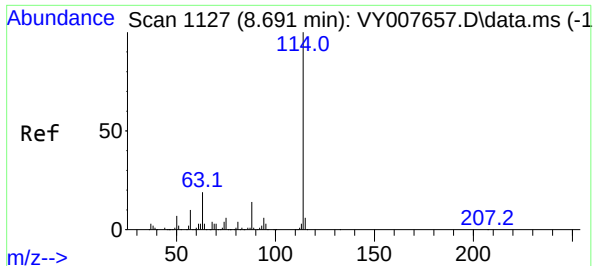
Tgt Ion: 56 Resp: 2289
Ion Ratio Lower Upper
56 100
69 131.1 26.7 40.1#
84 142.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 49.637 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

Tgt Ion: 65 Resp: 49612
Ion Ratio Lower Upper
65 100
67 51.7 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: VY007790.D

Acq: 08 Mar 2022 19:12

Instrument :

MSVOA_Y

ClientSampleId :

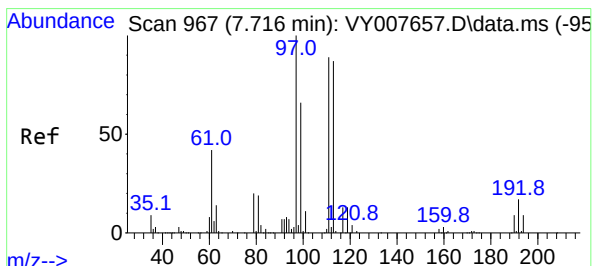
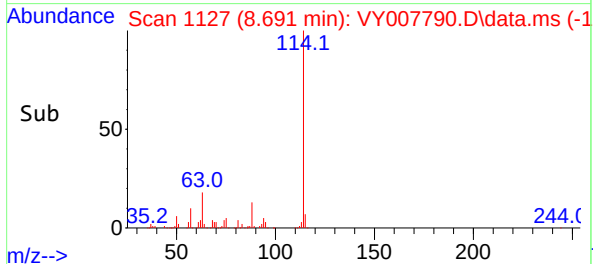
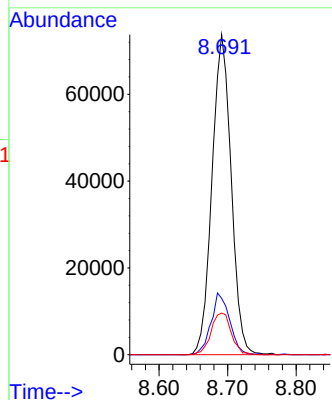
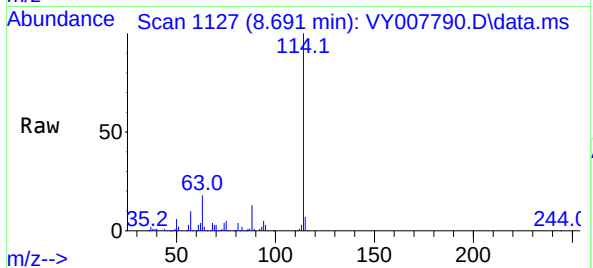
Tgt Ion:114 Resp: 142806

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 13.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.019 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007790.D

Acq: 08 Mar 2022 19:12

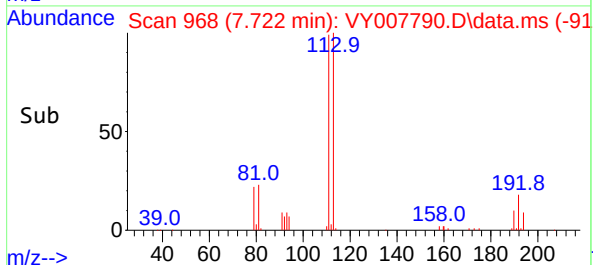
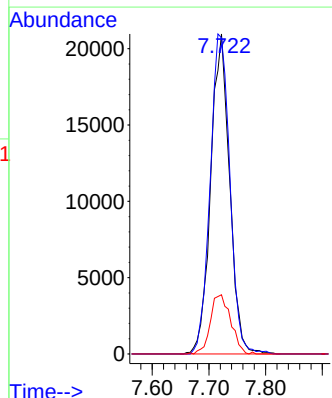
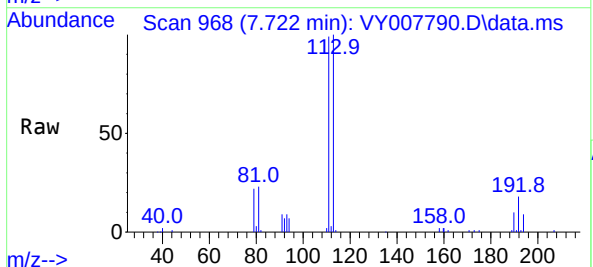
Tgt Ion:113 Resp: 48407

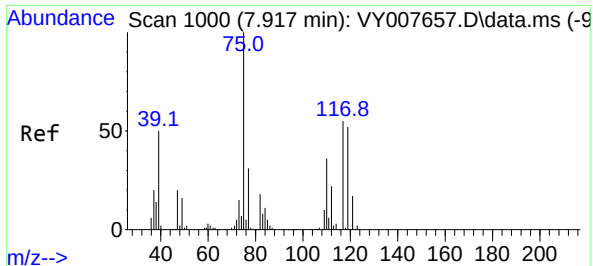
Ion Ratio Lower Upper

113 100

111 104.4 82.6 124.0

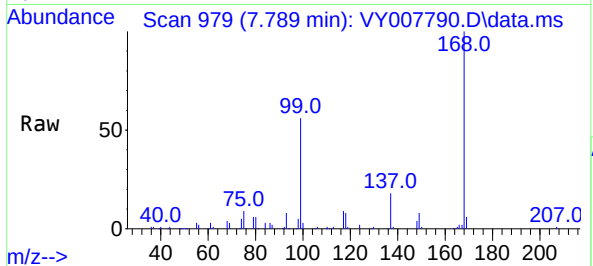
192 19.9 17.6 26.4



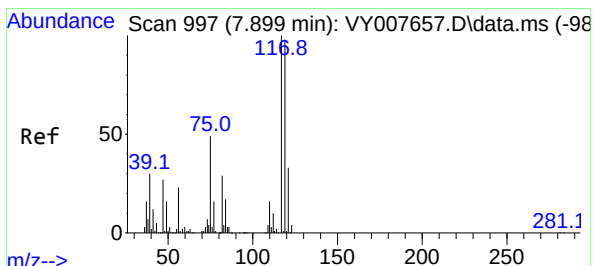
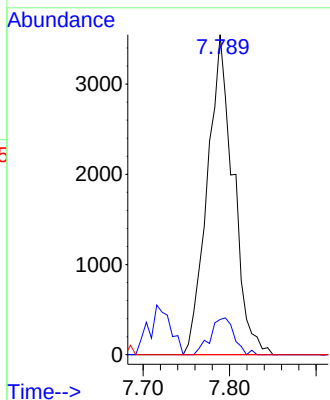
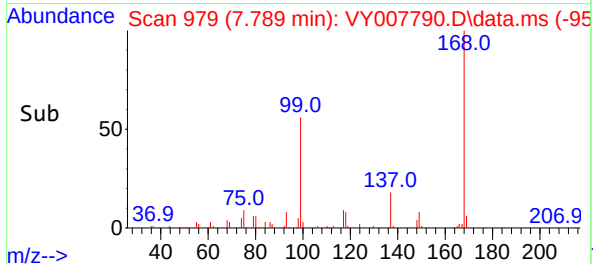


#36
1,1-Dichloropropene
Concen: 5.157 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

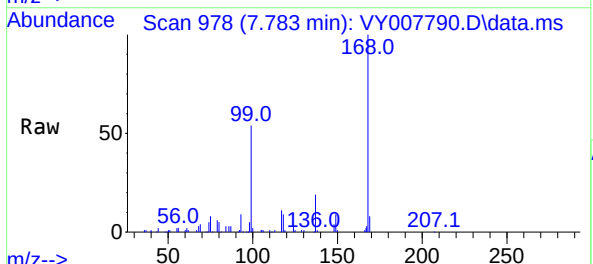
Instrument :
MSVOA_Y
ClientSampleId :



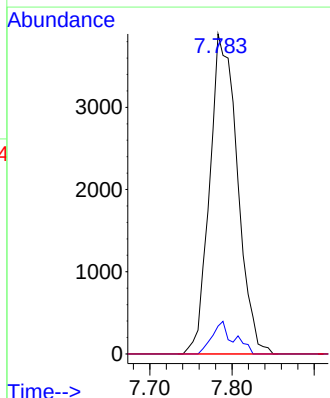
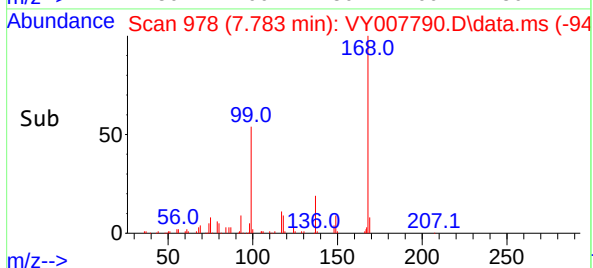
Tgt Ion: 75 Resp: 7407
Ion Ratio Lower Upper
75 100
110 10.5 17.1 51.2#
77 0.0 24.4 36.6#

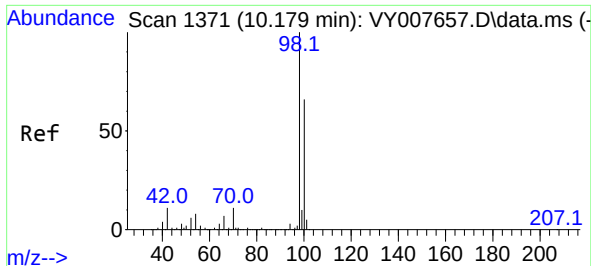


#38
Carbon Tetrachloride
Concen: 5.963 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12



Tgt Ion: 117 Resp: 9136
Ion Ratio Lower Upper
117 100
119 8.7 77.9 116.9#
121 0.0 24.8 37.2#

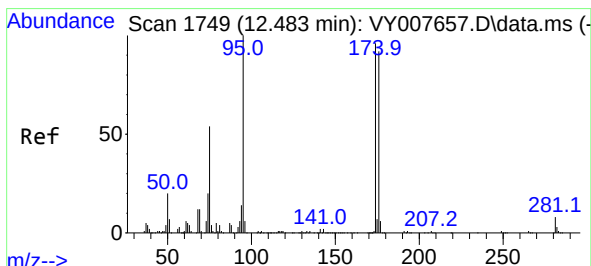
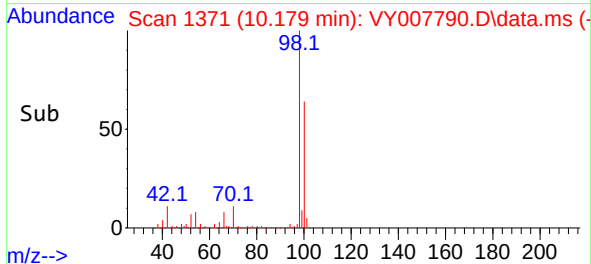
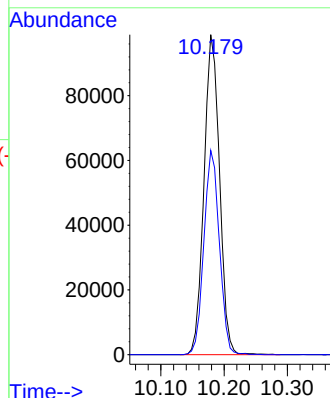
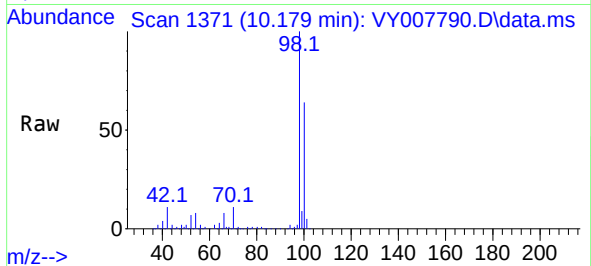




#50
Toluene-d8
Concen: 50.366 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

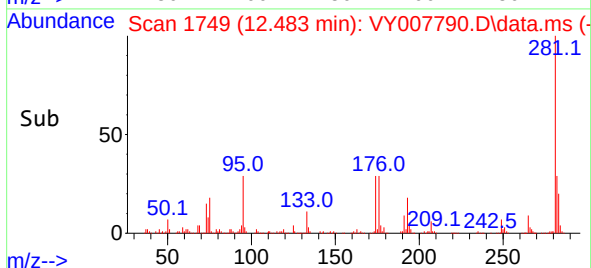
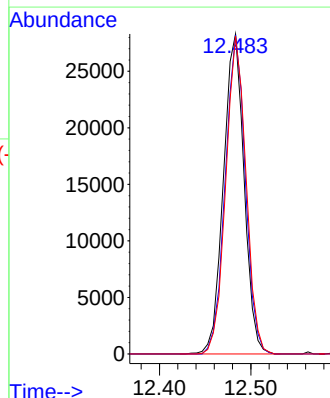
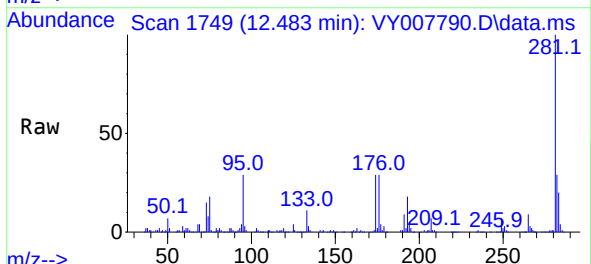
Instrument :
MSVOA_Y
ClientSampleId :

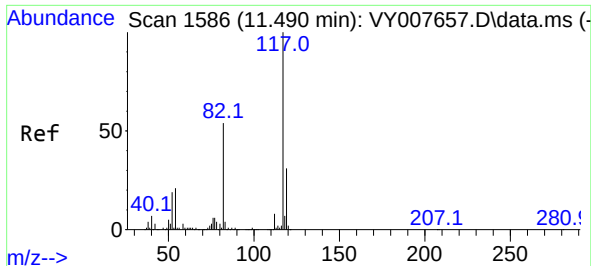
Tgt Ion: 98 Resp: 169271
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.955 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

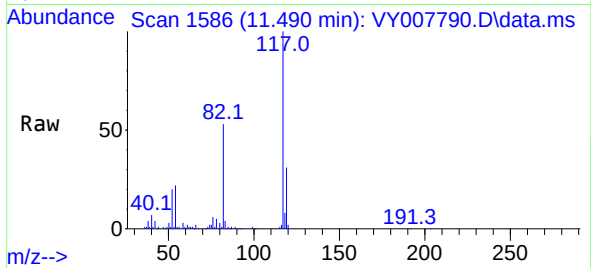
Tgt Ion: 95 Resp: 44368
Ion Ratio Lower Upper
95 100
174 97.2 0.0 177.0
176 97.3 0.0 175.8



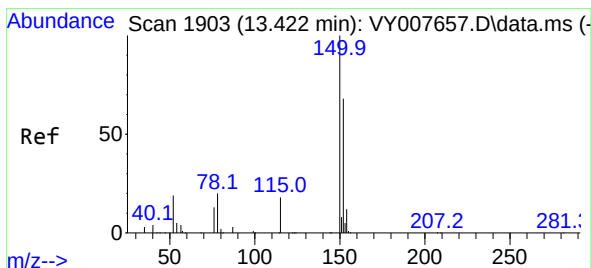
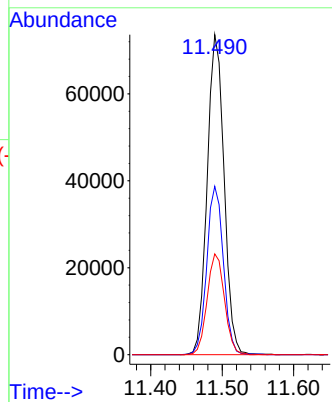
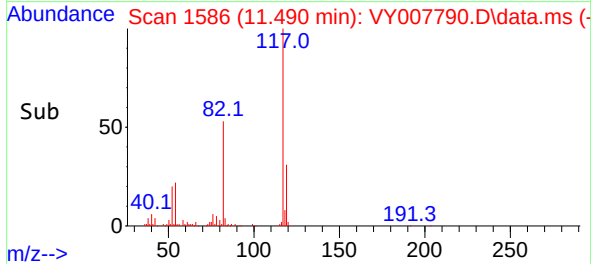


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

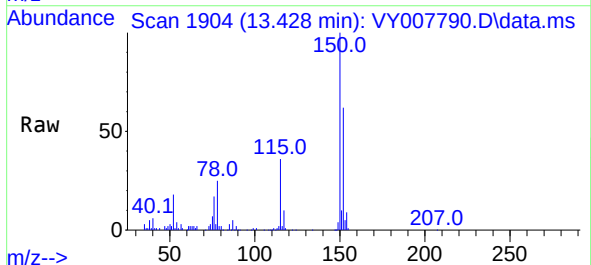
Instrument :
MSVOA_Y
ClientSampleId :



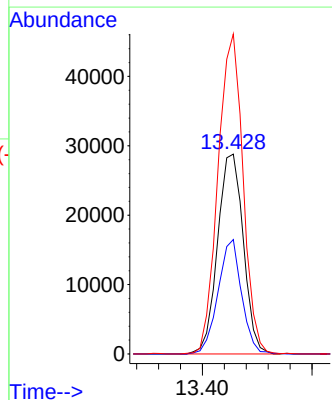
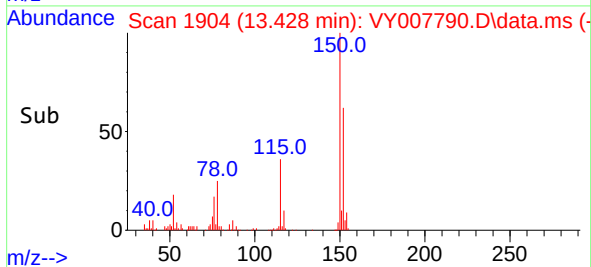
Tgt Ion:117 Resp: 120746
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 31.5 25.4 38.0

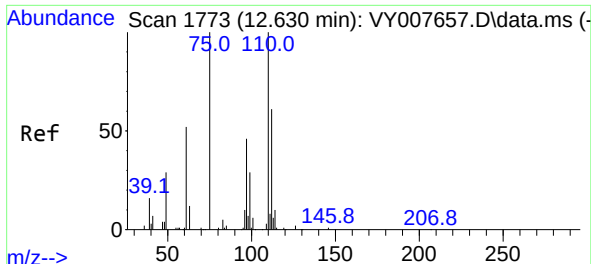


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12



Tgt Ion:152 Resp: 46934
Ion Ratio Lower Upper
152 100
115 52.5 28.2 84.7
150 156.1 0.0 347.6

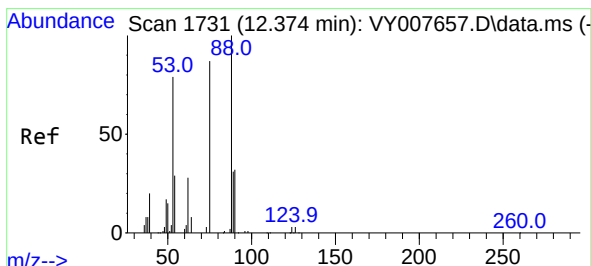
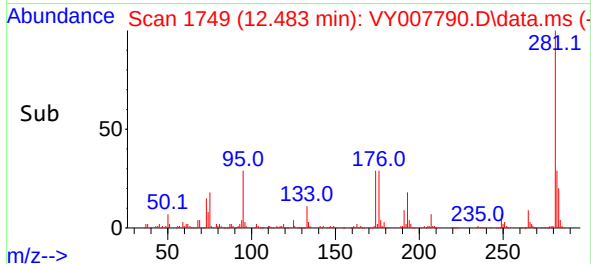
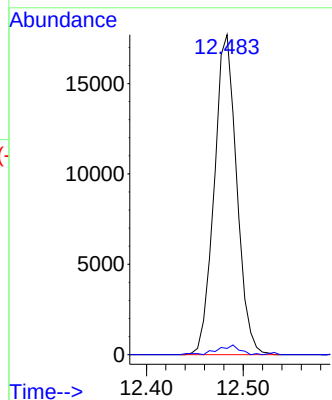
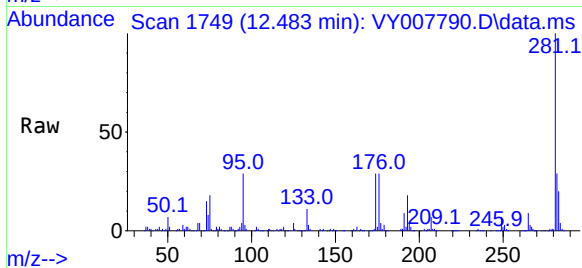




#76
1,2,3-Trichloropropane
Concen: 54.403 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 28515
Ion Ratio Lower Upper
75 100
77 3.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.220 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007790.D
Acq: 08 Mar 2022 19:12

Tgt Ion: 75 Resp: 28515
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 4.5 37.0 55.4#

