

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007750.D
 Acq On : 04 Mar 2022 18:27
 Operator : SY/MD
 Sample : N1774-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 05 04:26:08 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)

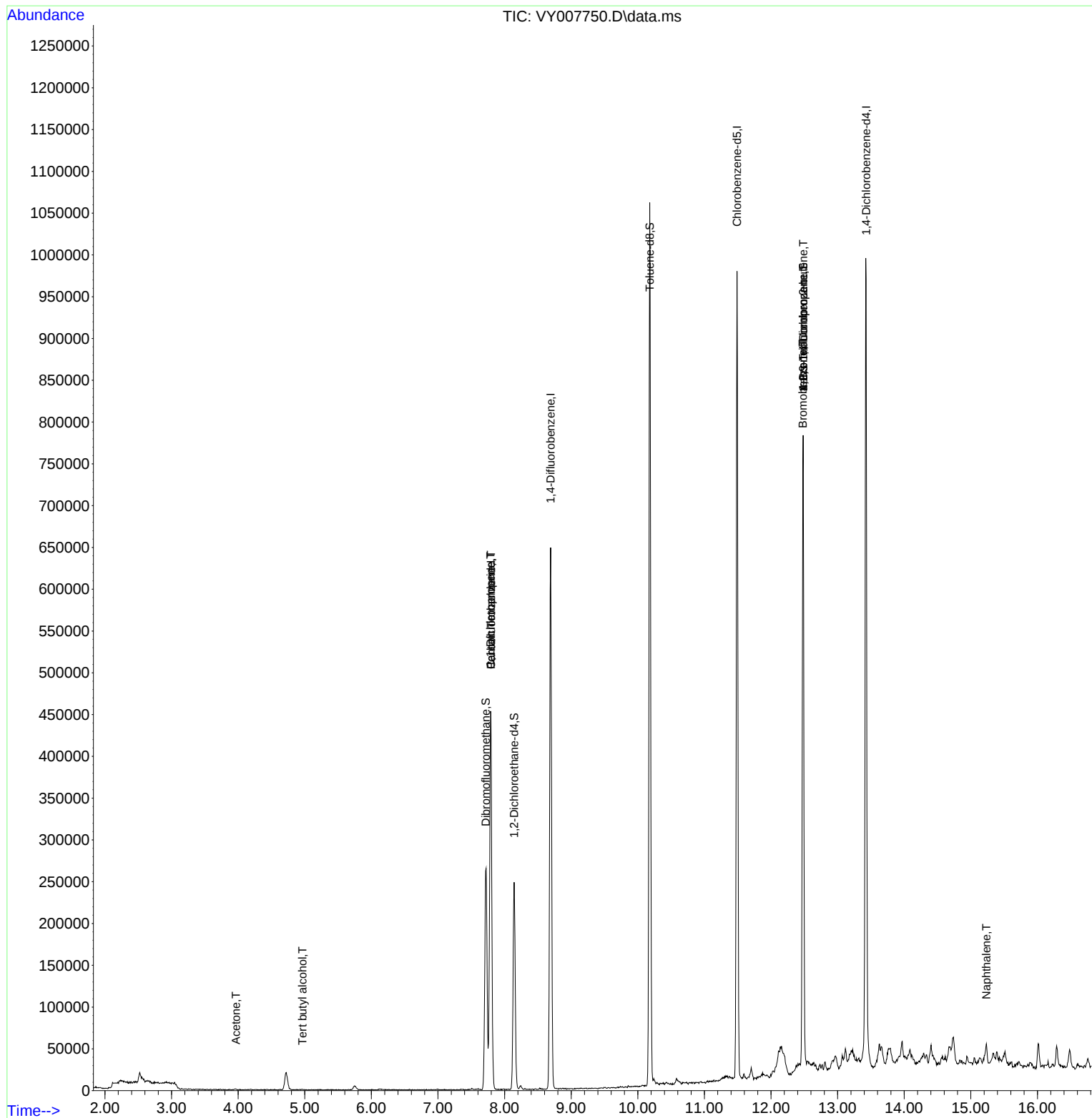
Internal Standards						
1) Pentafluorobenzene	7.795	168	369989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	567960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	518749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	242585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	187999	48.535	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.080%
35) Dibromofluoromethane	7.716	113	186482	51.356	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.720%
50) Toluene-d8	10.179	98	688685	51.523	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.040%
62) 4-Bromofluorobenzene	12.483	95	207986	48.272	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	164	Below Cal	#	43
3) Chloromethane	2.119	50	1309	Below Cal	#	60
11) Tert butyl alcohol	4.966	59	601	1.792	ug/l #	87
13) Acrolein	3.716	56	82	Below Cal	#	14
16) Acetone	3.966	43	1325	1.682	ug/l	98
17) Carbon Disulfide	4.192	76	62	Below Cal	#	75
18) Methyl Acetate	4.491	43	34	Below Cal	#	5
20) Methylene Chloride	4.716	84	15556	Below Cal	#	81
31) Cyclohexane	7.789	56	7464	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	25233	4.417	ug/l #	52
38) Carbon Tetrachloride	7.795	117	34404	5.646	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	115794	42.743	ug/l #	100
77) Bromobenzene	12.477	156	5114	1.175	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	115794	87.382	ug/l #	7
95) Naphthalene	15.233	128	15251	1.540	ug/l #	94

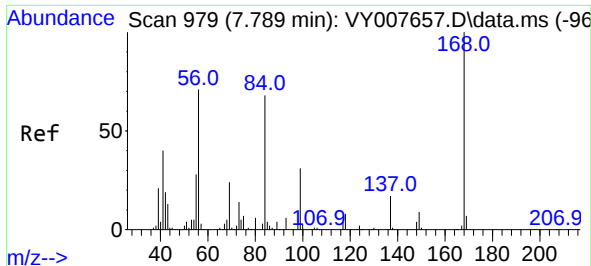
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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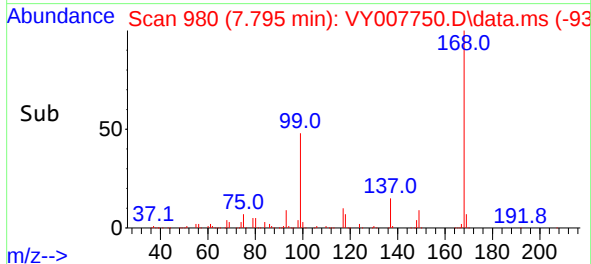
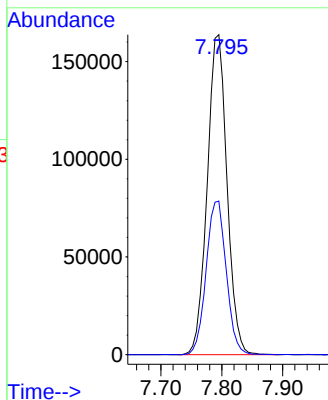
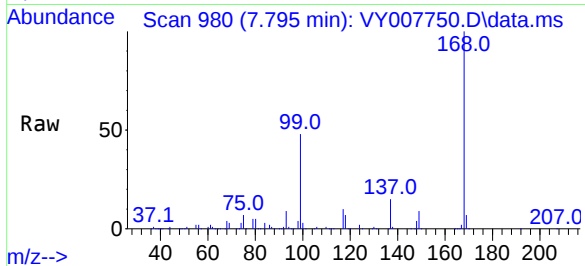




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

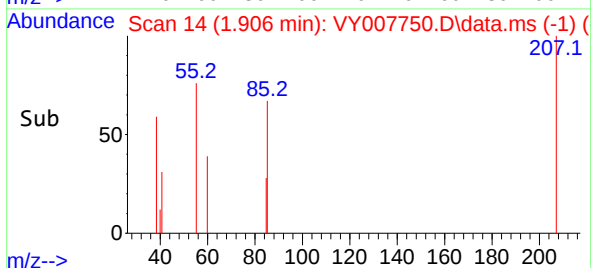
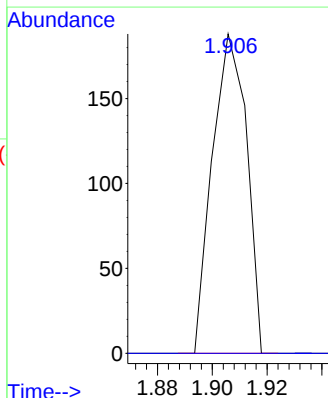
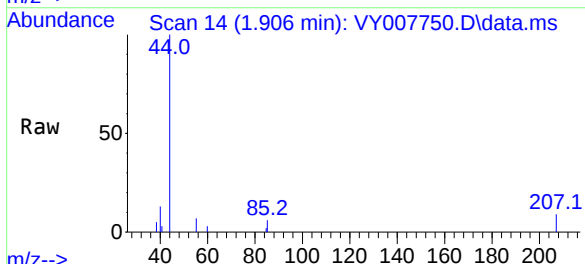
Instrument :
MSVOA_Y
ClientSampleId :

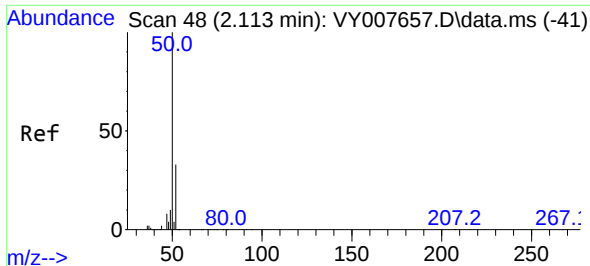
Tgt Ion:168 Resp: 369989
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

Tgt Ion: 85 Resp: 164
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

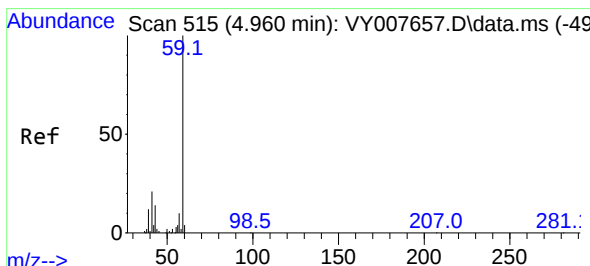
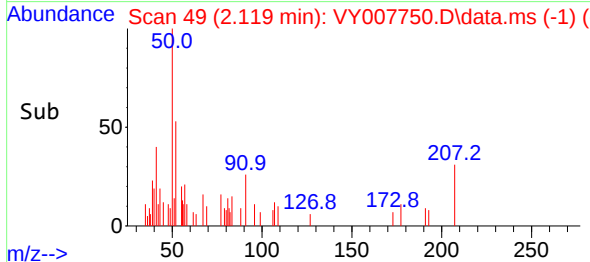
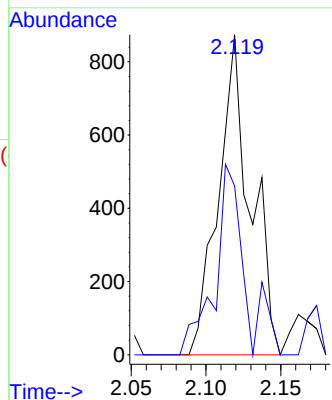
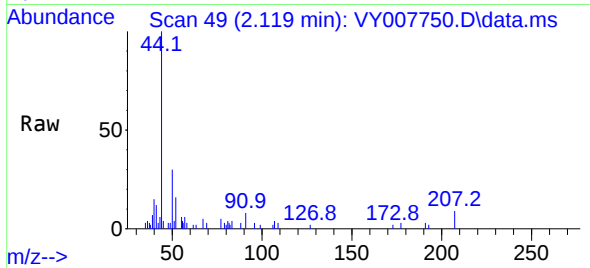




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

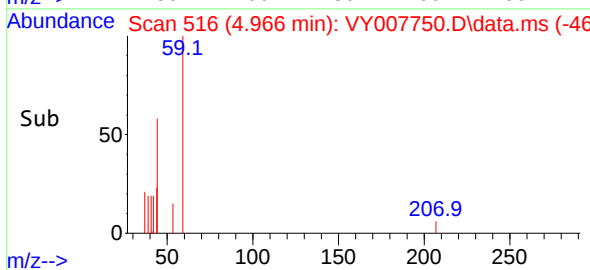
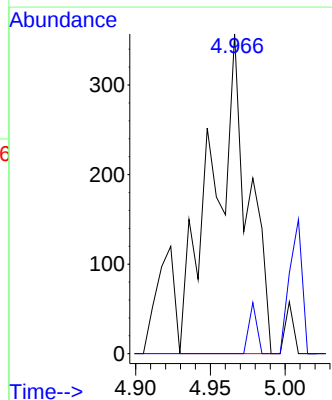
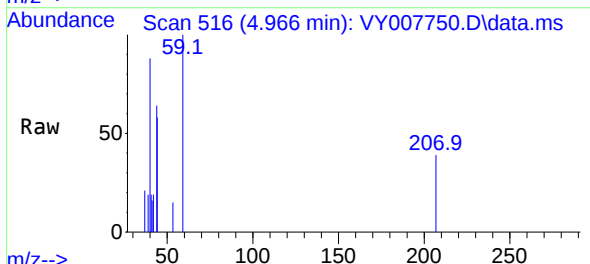
Instrument :
MSVOA_Y
ClientSampleId :

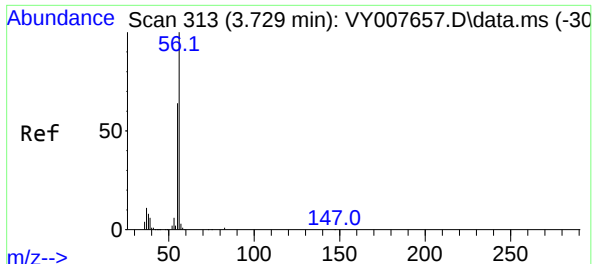
Tgt Ion: 50 Resp: 1309
Ion Ratio Lower Upper
50 100
52 52.7 24.6 37.0#



#11
Tert butyl alcohol
Concen: 1.792 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

Tgt Ion: 59 Resp: 601
Ion Ratio Lower Upper
59 100
57 3.5 6.4 9.6#

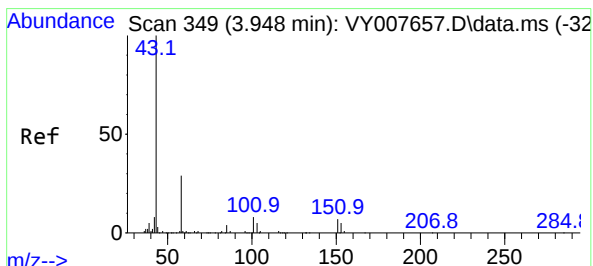
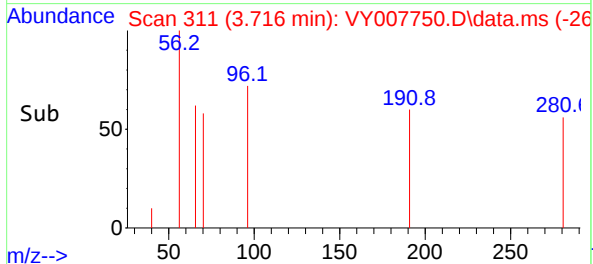
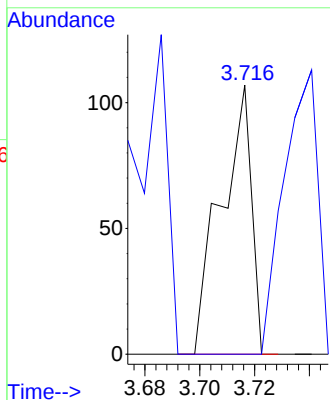
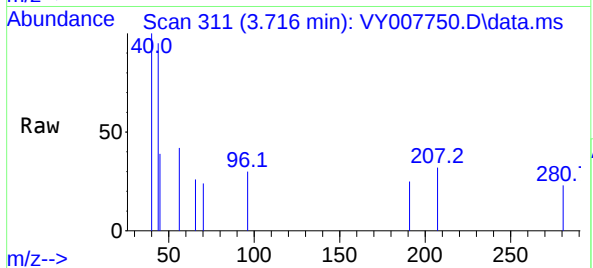




#13
Acrolein
Concen: Below Cal
RT: 3.716 min Scan# 311
Delta R.T. -0.013 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

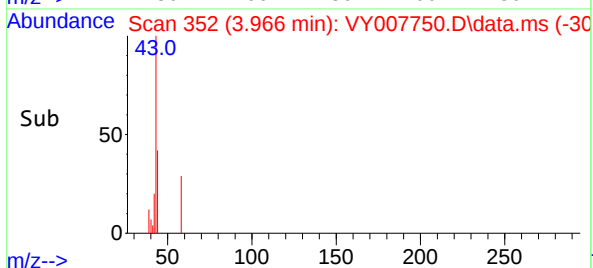
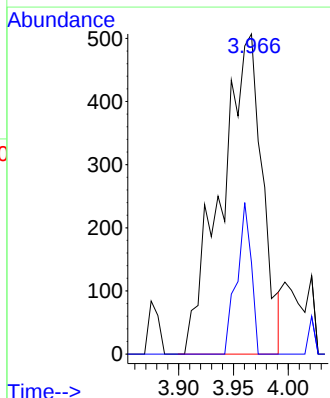
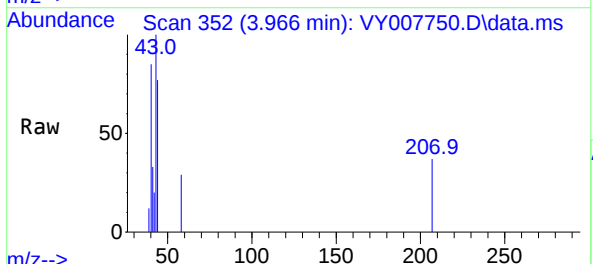
Instrument :
MSVOA_Y
ClientSampleId :

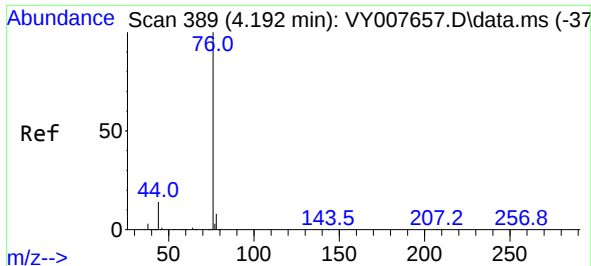
Tgt Ion: 56 Resp: 82
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 1.682 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

Tgt Ion: 43 Resp: 1325
Ion Ratio Lower Upper
43 100
58 28.6 22.0 33.0

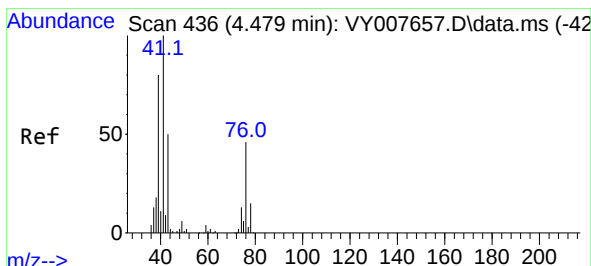
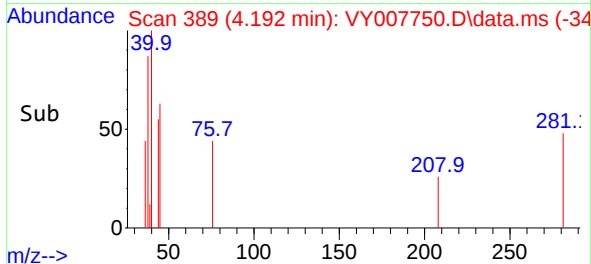
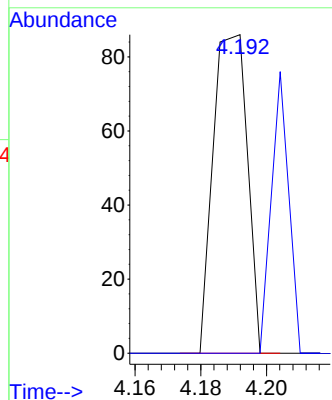
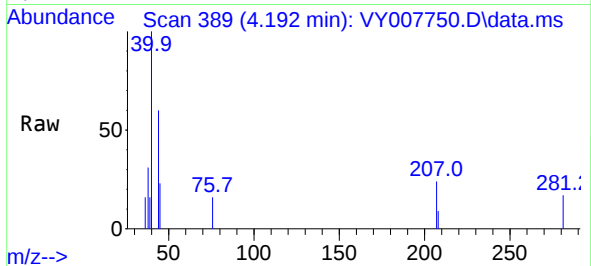




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

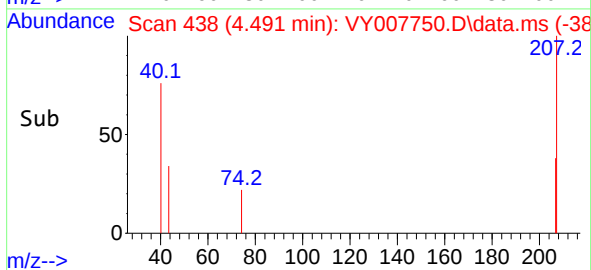
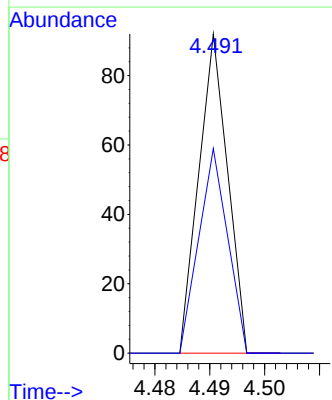
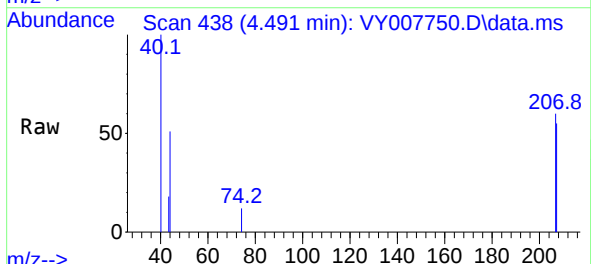
Instrument :
MSVOA_Y
ClientSampleId :

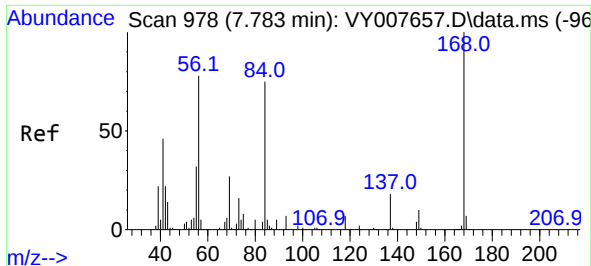
Tgt Ion: 76 Resp: 62
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

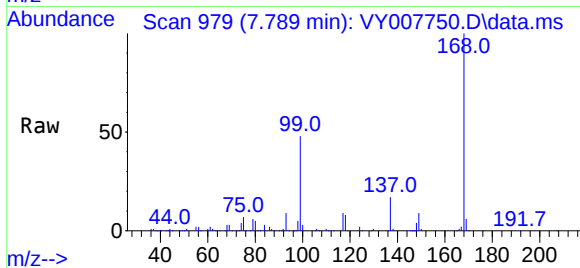
Tgt Ion: 43 Resp: 34
Ion Ratio Lower Upper
43 100
74 64.7 16.6 24.8#



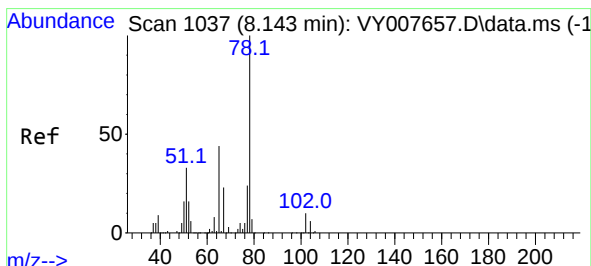
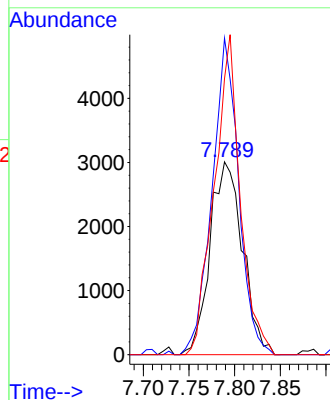
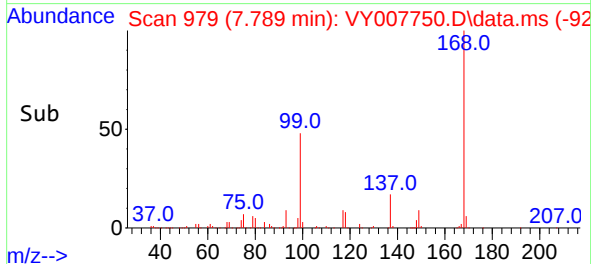


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

Instrument :
MSVOA_Y
ClientSampleId :

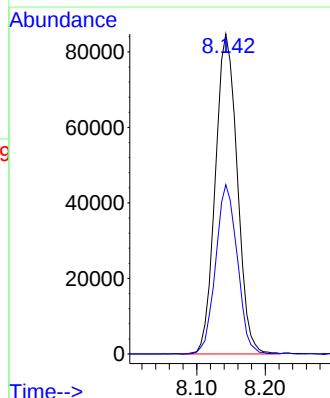
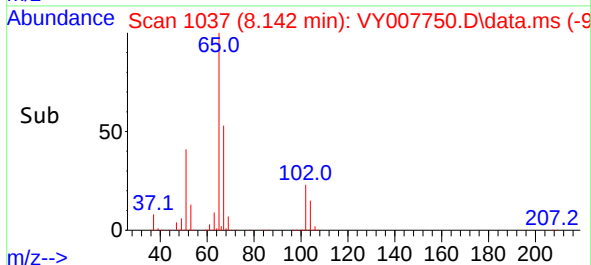
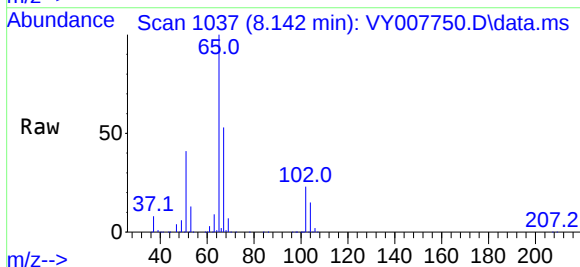


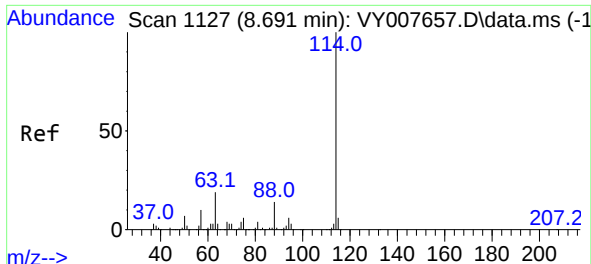
Tgt Ion: 56 Resp: 7464
Ion Ratio Lower Upper
56 100
69 164.2 26.7 40.1#
84 143.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 48.535 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

Tgt Ion: 65 Resp: 187999
Ion Ratio Lower Upper
65 100
67 52.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007750.D

Acq: 04 Mar 2022 18:27

Instrument :

MSVOA_Y

ClientSampleId :

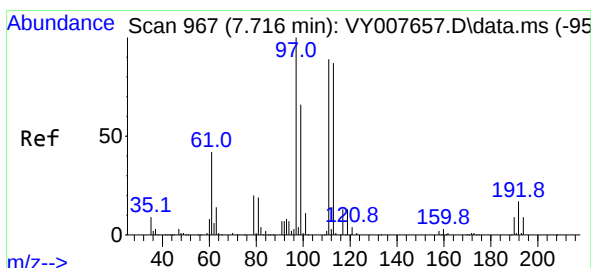
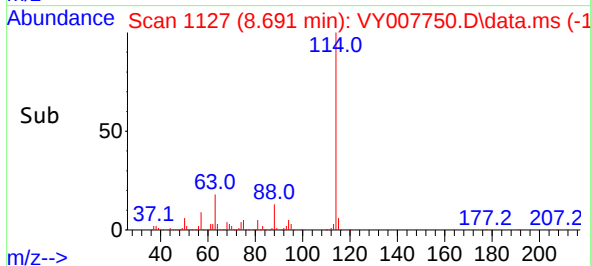
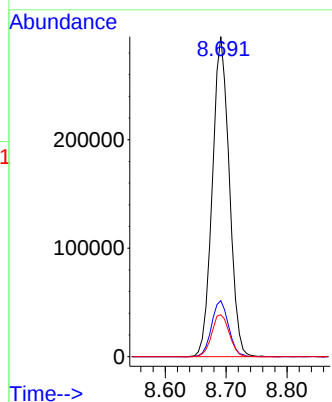
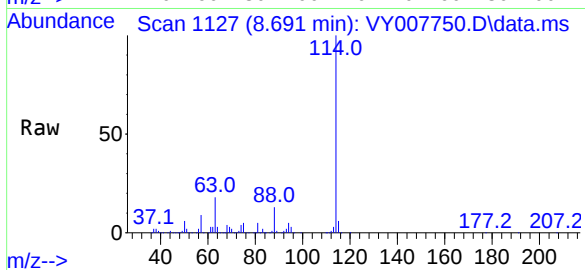
Tgt Ion:114 Resp: 567960

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 13.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.356 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007750.D

Acq: 04 Mar 2022 18:27

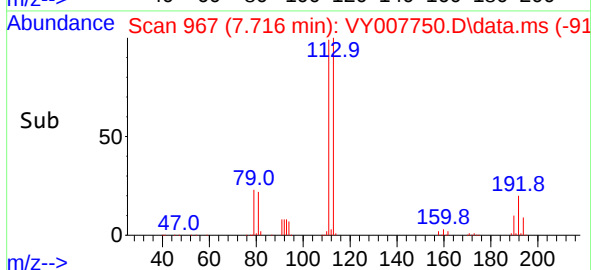
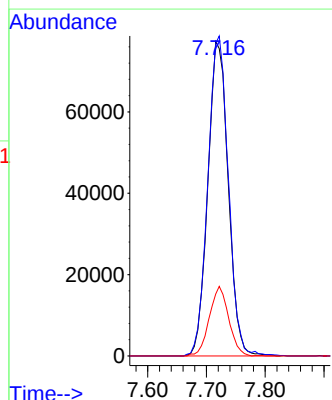
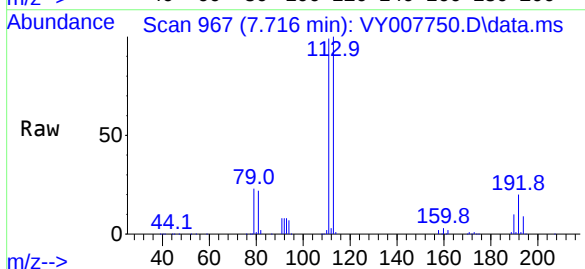
Tgt Ion:113 Resp: 186482

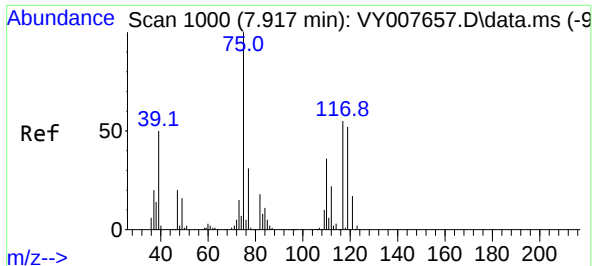
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 21.0 17.6 26.4

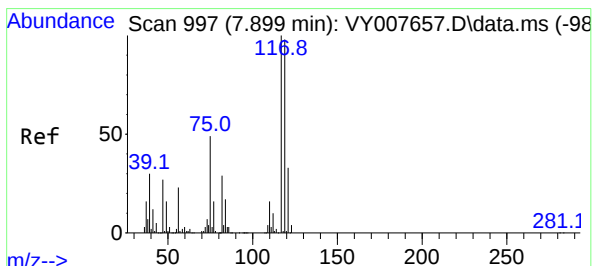
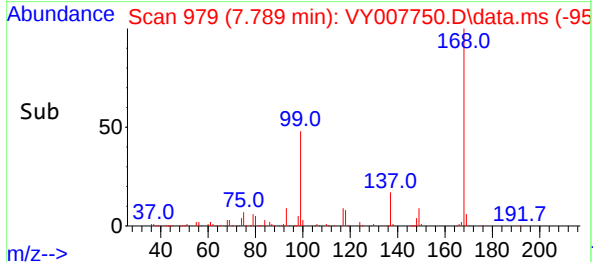
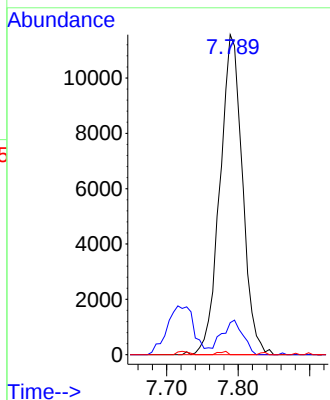
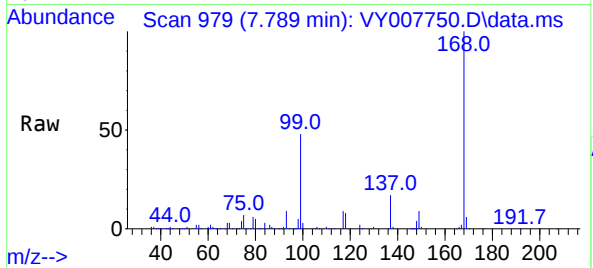




#36
1,1-Dichloropropene
Concen: 4.417 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

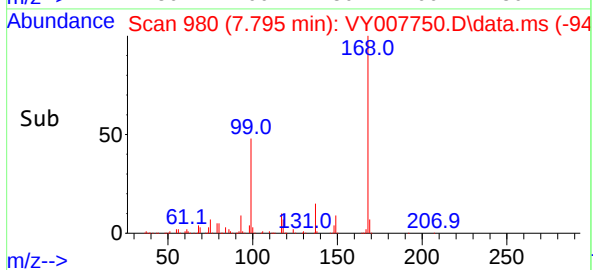
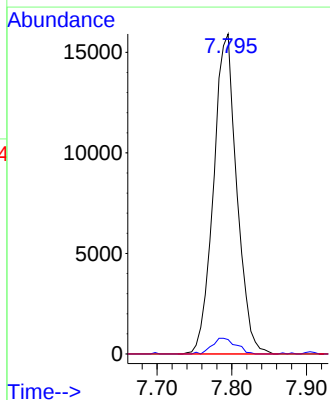
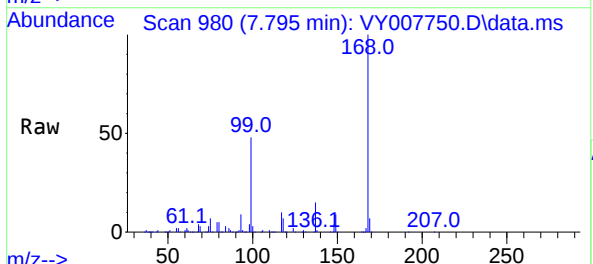
Instrument :
MSVOA_Y
ClientSampleId :

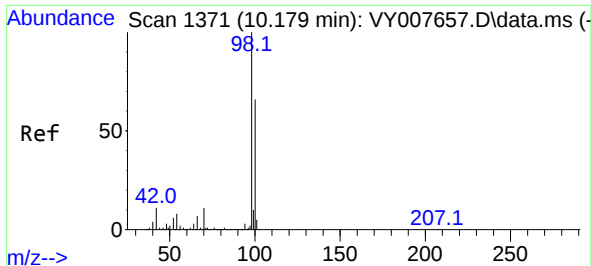
Tgt Ion: 75 Resp: 25233
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.4 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.646 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

Tgt Ion: 117 Resp: 34404
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#

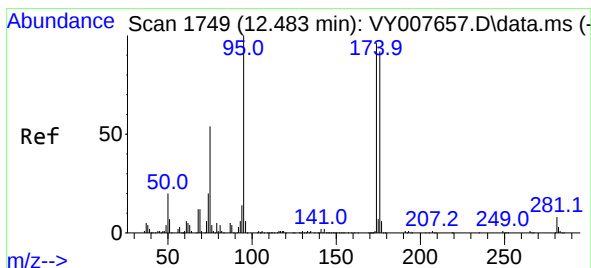
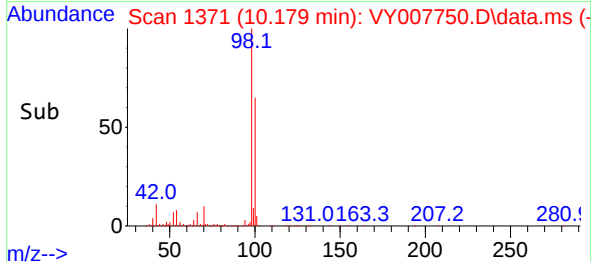
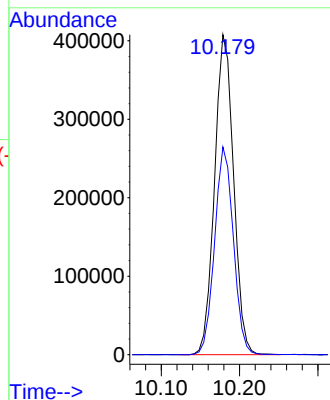
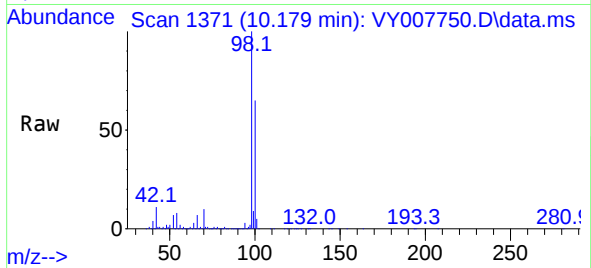




#50
Toluene-d8
Concen: 51.523 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

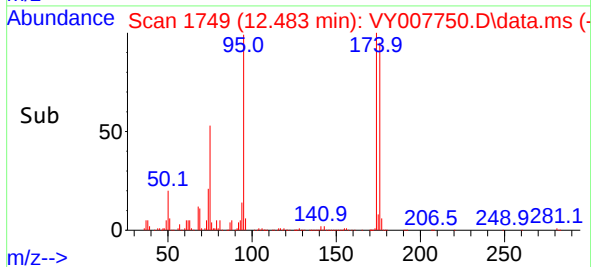
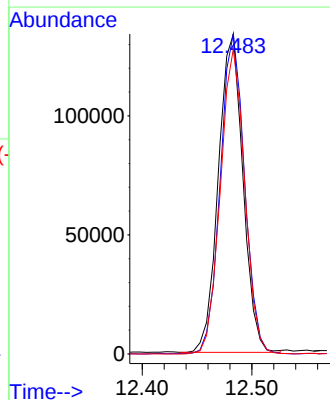
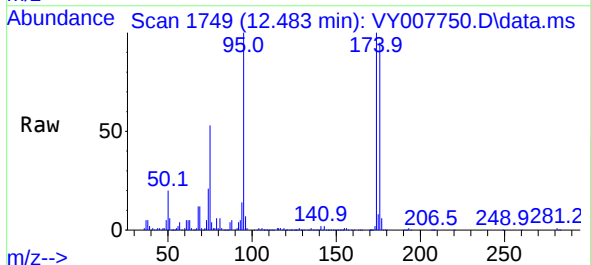
Instrument :
MSVOA_Y
ClientSampleId :

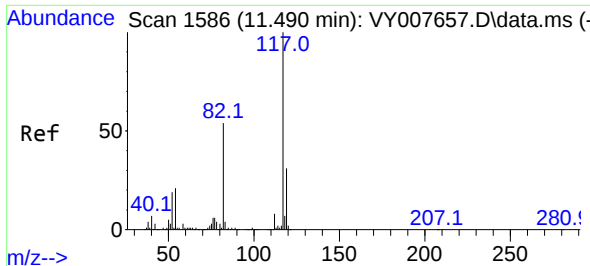
Tgt Ion: 98 Resp: 688685
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.272 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

Tgt Ion: 95 Resp: 207986
Ion Ratio Lower Upper
95 100
174 99.1 0.0 177.0
176 94.7 0.0 175.8

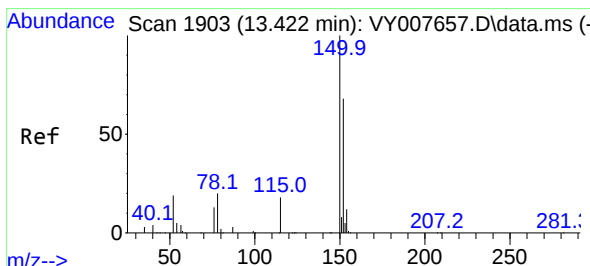
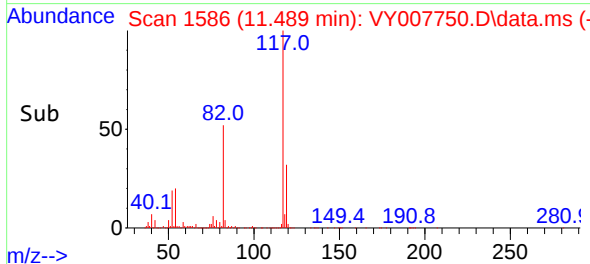
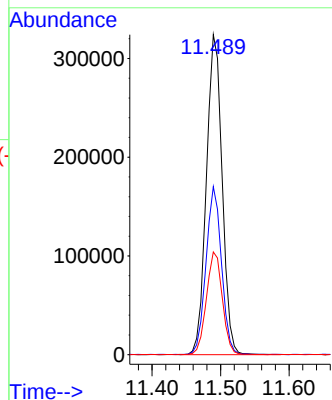
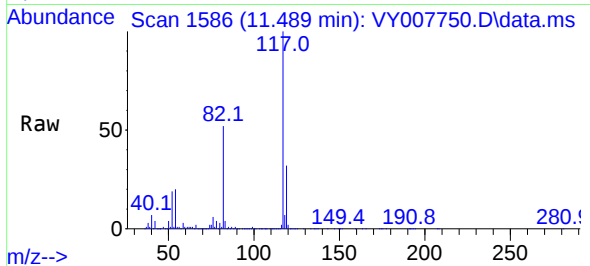




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

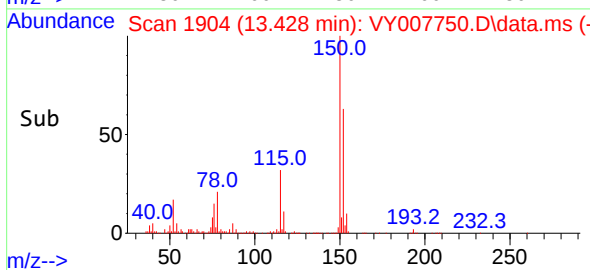
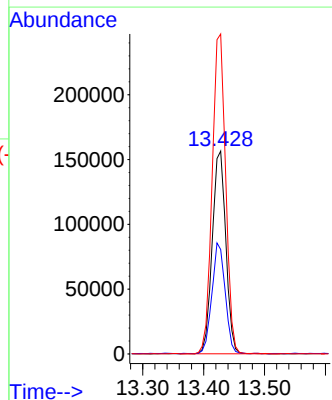
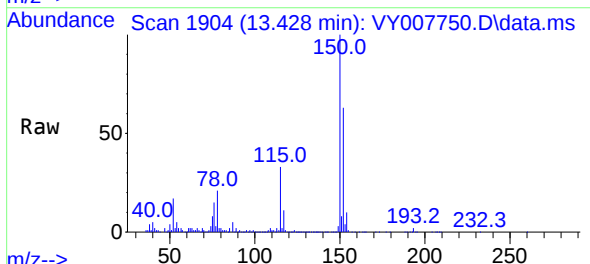
Instrument :
MSVOA_Y
ClientSampleId :

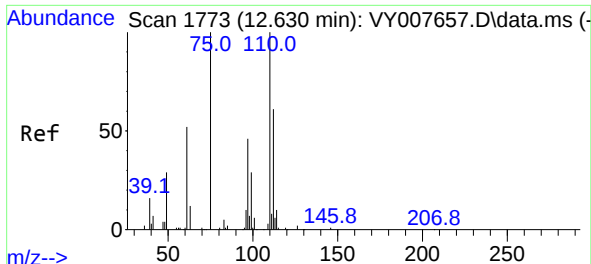
Tgt Ion:117 Resp: 518749
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

Tgt Ion:152 Resp: 242585
Ion Ratio Lower Upper
152 100
115 53.1 28.2 84.7
150 156.0 0.0 347.6

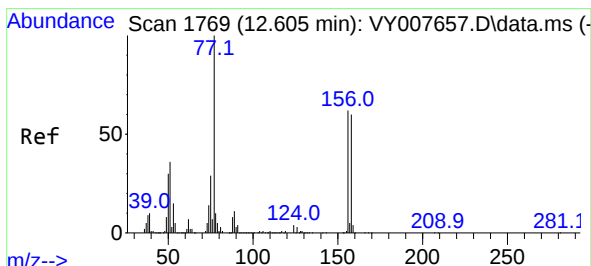
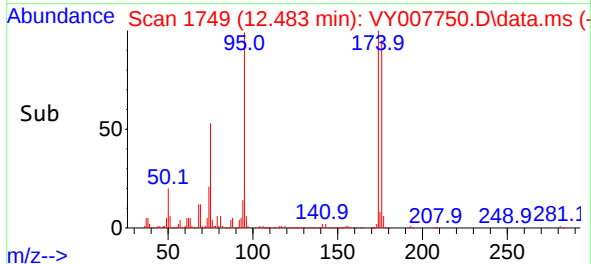
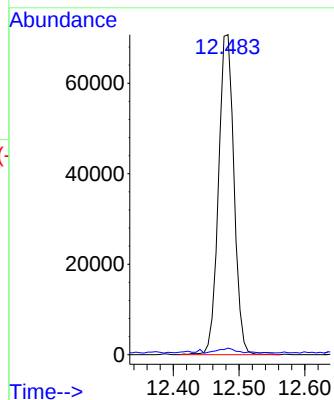
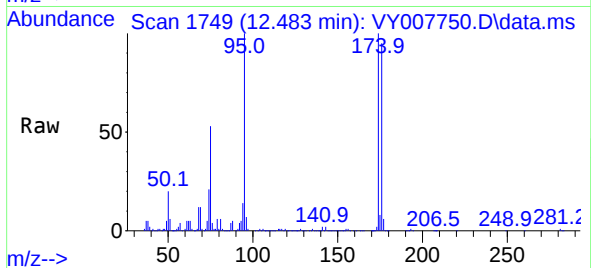




#76
1,2,3-Trichloropropane
Concen: 42.743 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

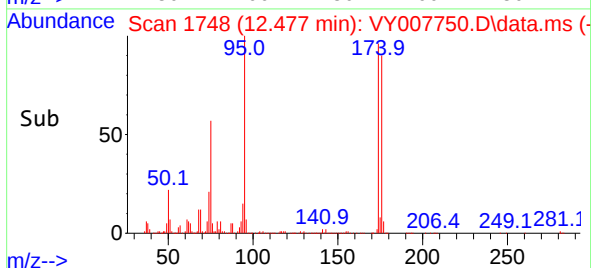
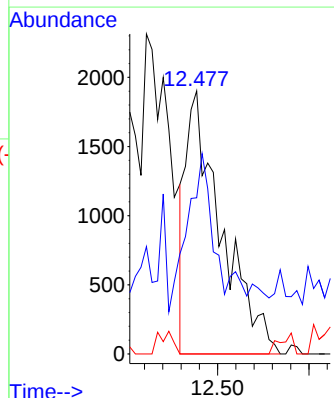
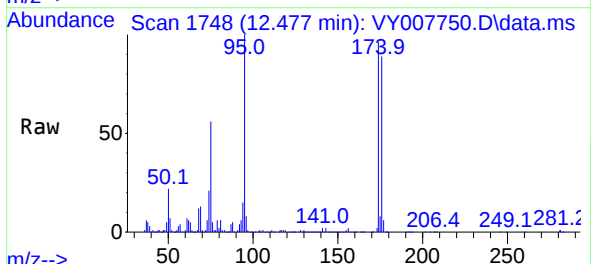
Instrument :
MSVOA_Y
ClientSampleId :

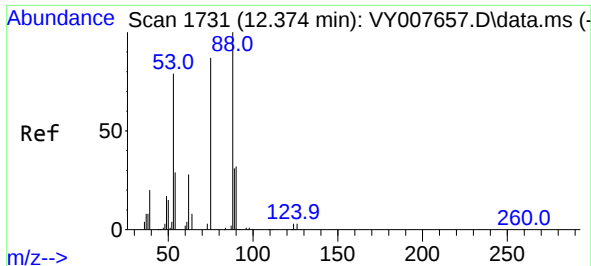
Tgt Ion: 75 Resp: 115794
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#77
Bromobenzene
Concen: 1.175 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.128 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

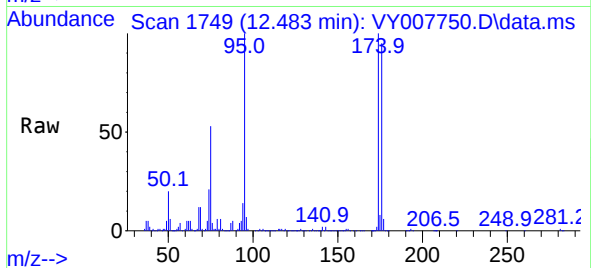
Tgt Ion: 156 Resp: 5114
Ion Ratio Lower Upper
156 100
77 33.2 95.5 286.4#
158 0.0 48.0 144.0#



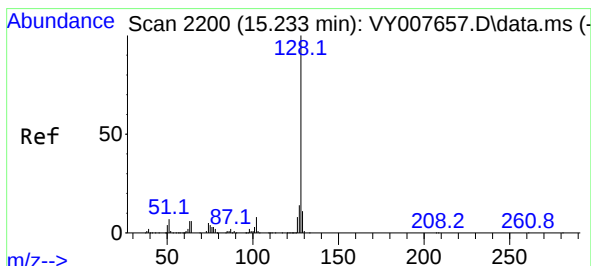
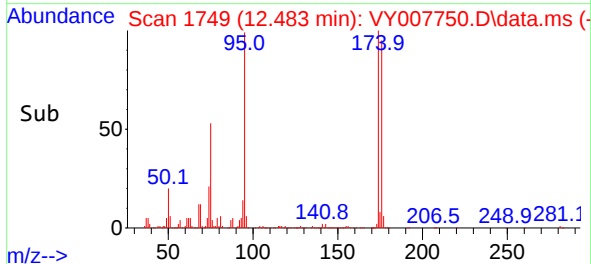
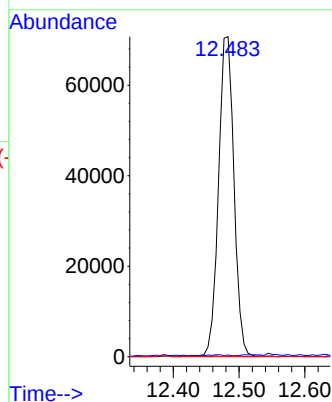


#81
trans-1,4-Dichloro-2-butene
Concen: 87.382 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 115794
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 1.540 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007750.D
Acq: 04 Mar 2022 18:27

Tgt Ion: 128 Resp: 15251
Ion Ratio Lower Upper
128 100
127 17.6 11.0 16.4#
129 11.3 8.4 12.6

