

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007834.D
 Acq On : 10 Mar 2022 18:43
 Operator : SY/MD
 Sample : N1763-08RE
 Misc : 6.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-2-SAMPLE-LOCATION-1

Quant Time: Mar 10 23:59:14 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)

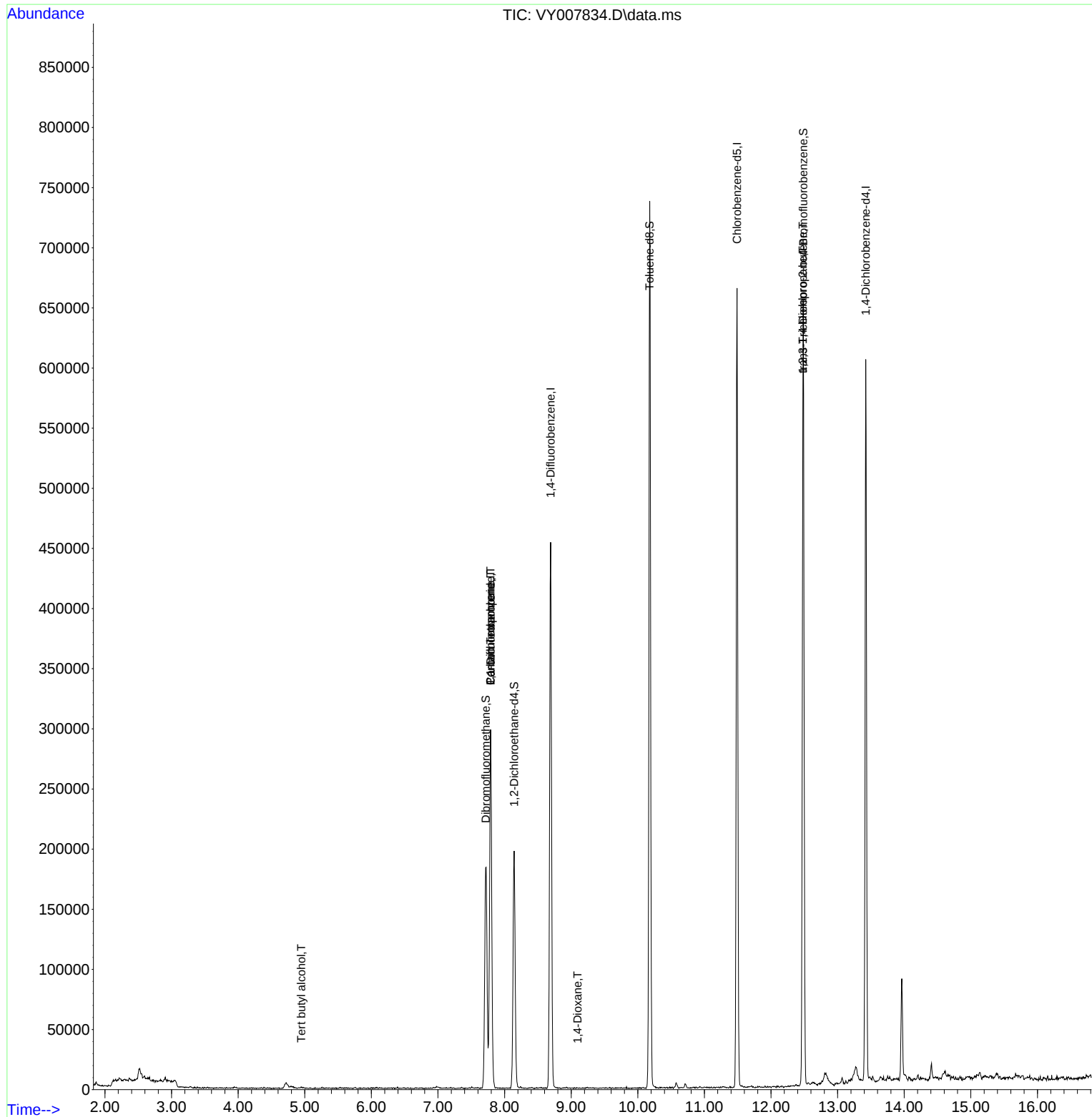
Internal Standards						
1) Pentafluorobenzene	7.789	168	220831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	382583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	339752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	146999	63.584	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 127.160%		
35) Dibromofluoromethane	7.716	113	129697	53.025	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 106.040%		
50) Toluene-d8	10.179	98	472478	52.476	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 104.960%		
62) 4-Bromofluorobenzene	12.483	95	137587	47.406	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 94.820%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.936	85	21	Below Cal	#	43
3) Chloromethane	2.113	50	1507	Below Cal		95
11) Tert butyl alcohol	4.948	59	1067	5.331	ug/l #	84
18) Methyl Acetate	4.472	43	50	Below Cal	#	1
20) Methylene Chloride	4.716	84	2896	Below Cal	#	66
31) Cyclohexane	7.789	56	5266	Below Cal	#	42
36) 1,1-Dichloropropene	7.789	75	18317	4.760	ug/l #	51
38) Carbon Tetrachloride	7.789	117	23486	5.722	ug/l #	14
49) 1,4-Dioxane	9.094	88	29	1.445	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	80360	51.152	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	80360	104.573	ug/l #	8

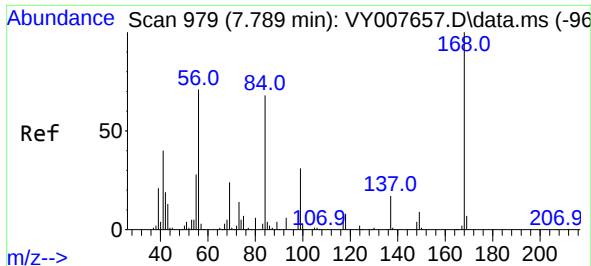
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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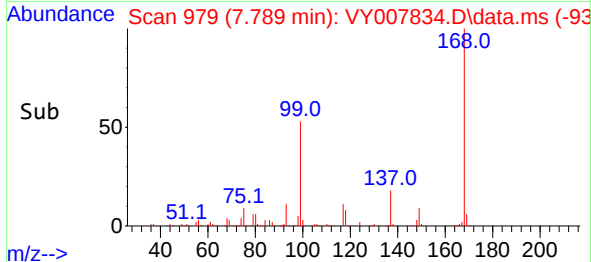
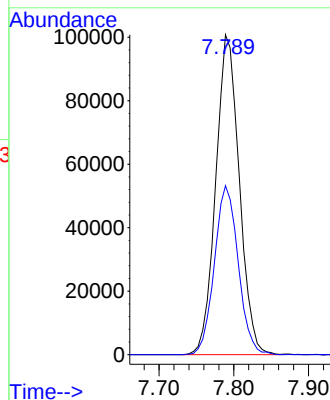
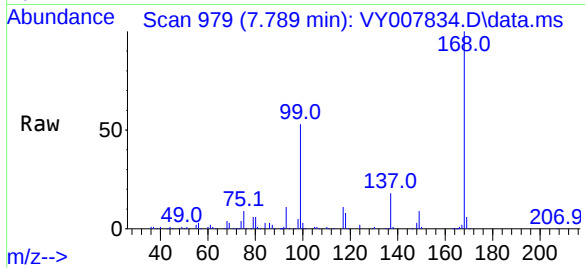




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

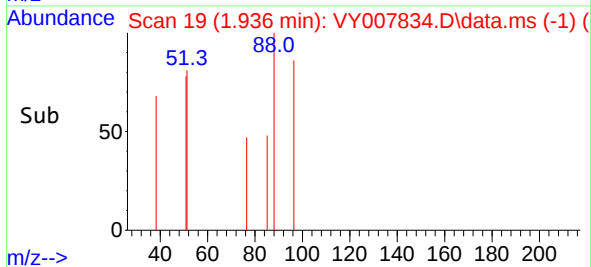
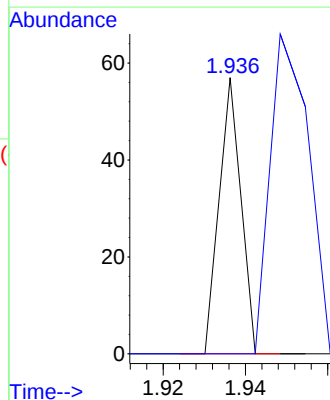
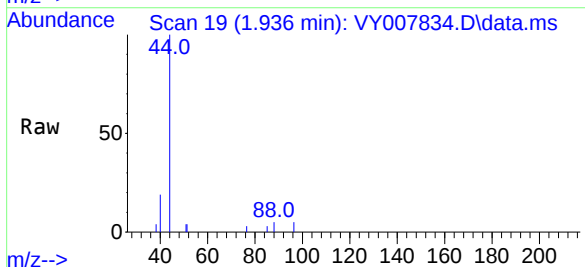
Instrument :
MSVOA_Y
ClientSampleId :
1-2-SAMPLE-LOCATION-1

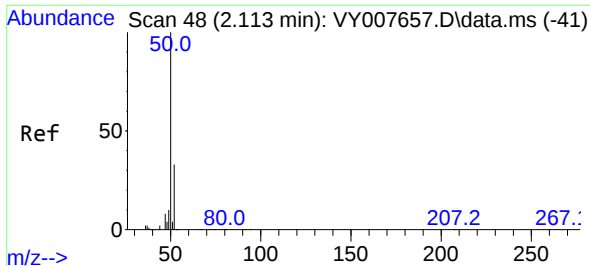
Tgt Ion:168 Resp: 220831
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.936 min Scan# 19
Delta R.T. 0.030 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

Tgt Ion: 85 Resp: 21
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

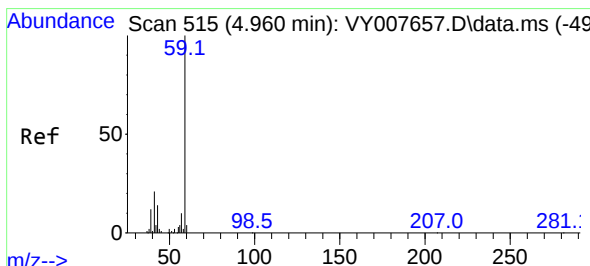
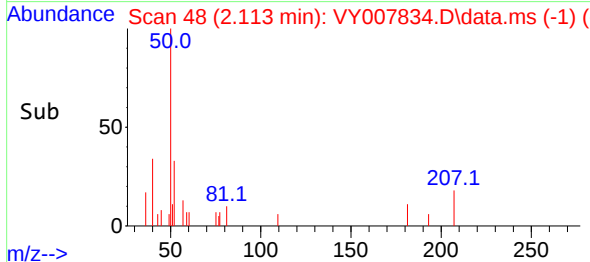
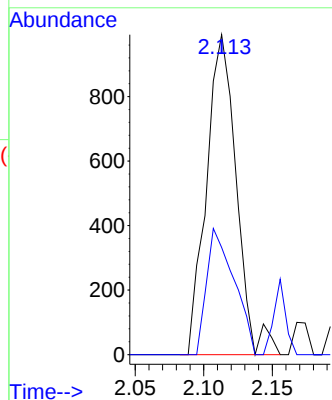
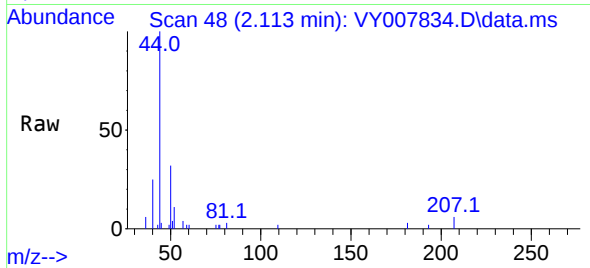




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

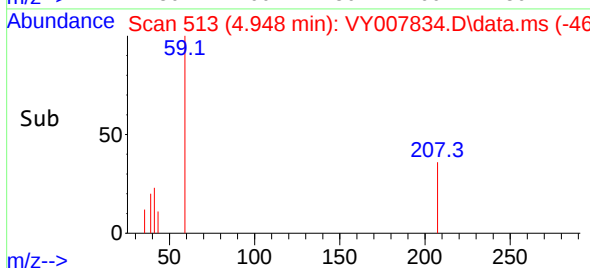
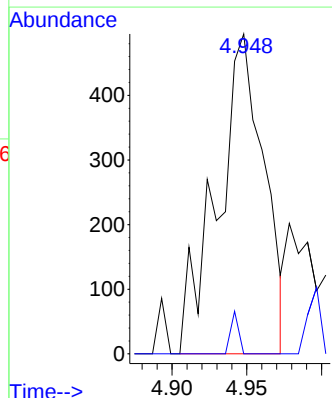
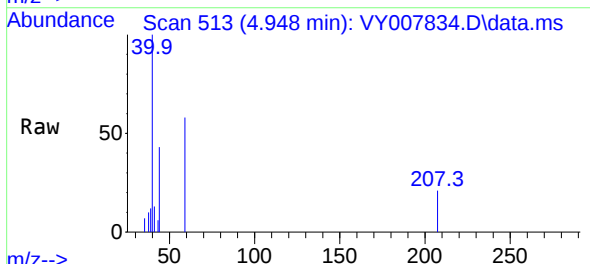
Instrument :
MSVOA_Y
ClientSampleId :
1-2-SAMPLE-LOCATION-1

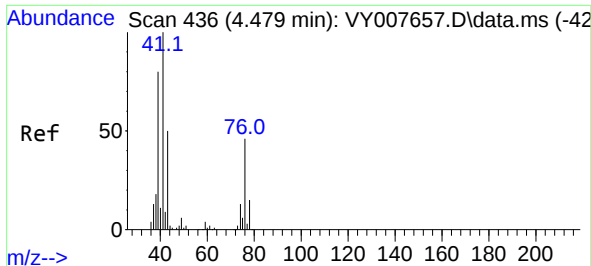
Tgt Ion: 50 Resp: 1507
Ion Ratio Lower Upper
50 100
52 33.5 24.6 37.0



#11
Tert butyl alcohol
Concen: 5.331 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

Tgt Ion: 59 Resp: 1067
Ion Ratio Lower Upper
59 100
57 2.2 6.4 9.6#

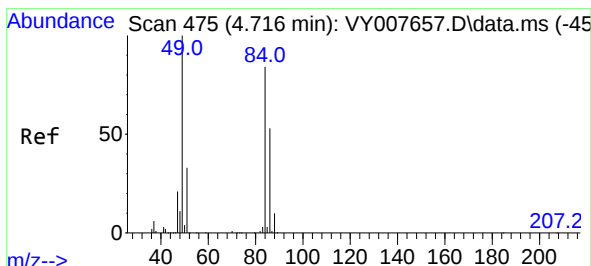
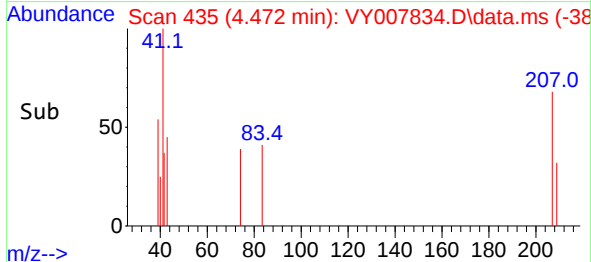
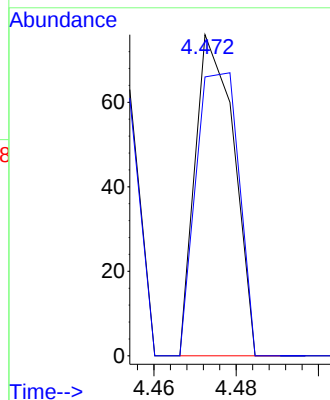
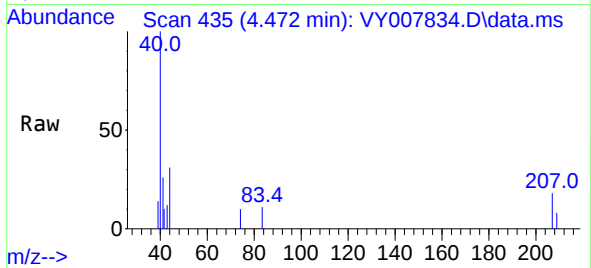




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

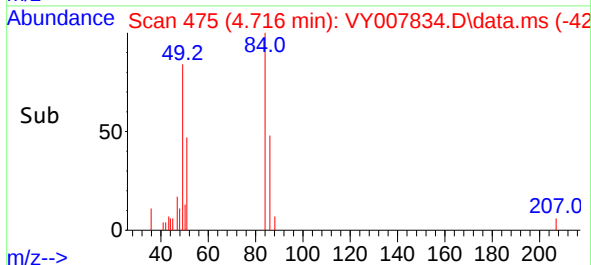
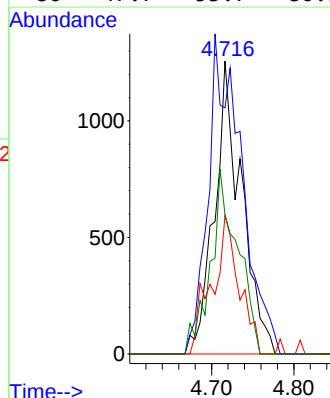
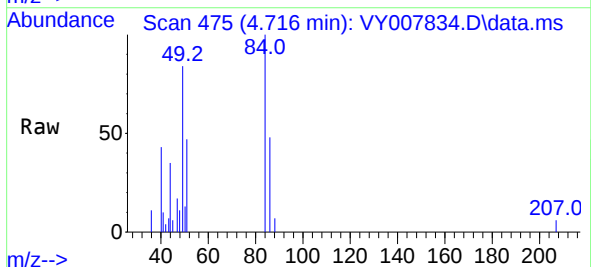
Instrument :
MSVOA_Y
ClientSampleId :
1-2-SAMPLE-LOCATION-1

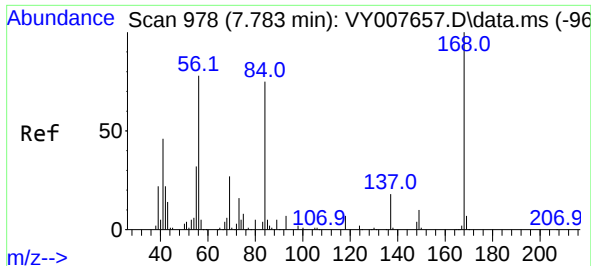
Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
74 98.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

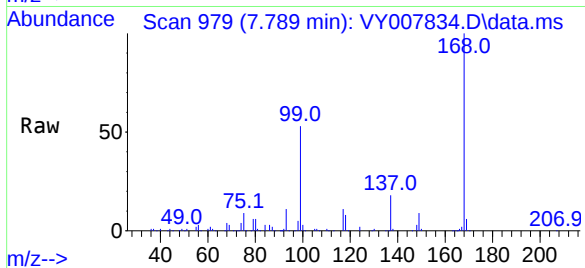
Tgt Ion: 84 Resp: 2896
Ion Ratio Lower Upper
84 100
49 84.1 114.4 171.6#
51 47.3 35.3 52.9
86 47.7 53.7 80.5#



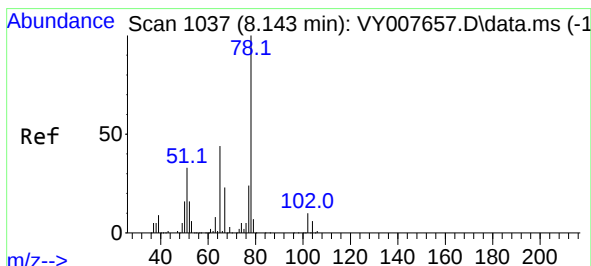
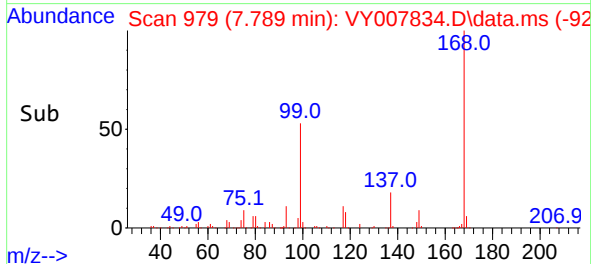
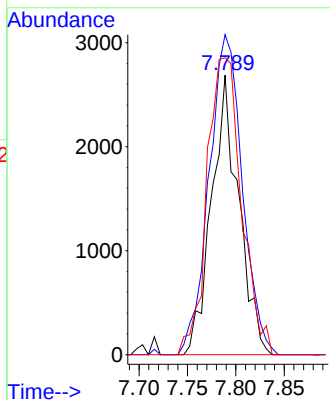


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

Instrument :
MSVOA_Y
ClientSampleId :
1-2-SAMPLE-LOCATION-1

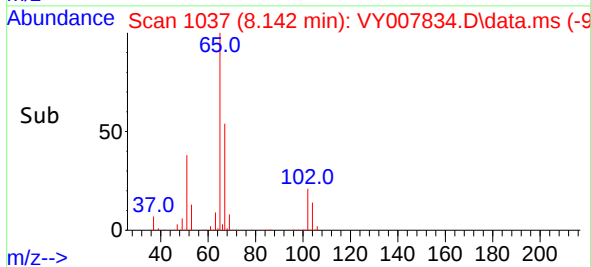
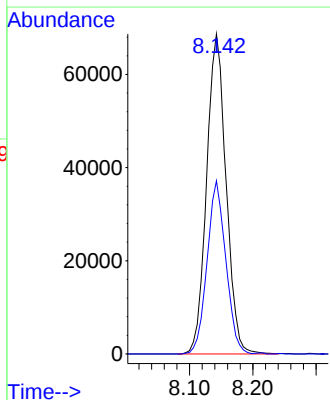
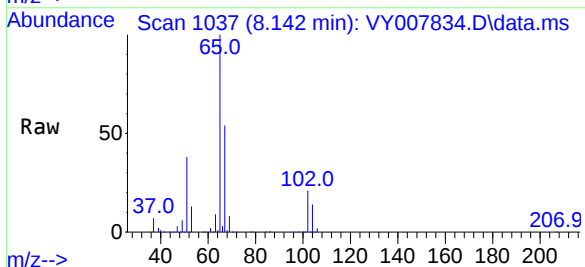


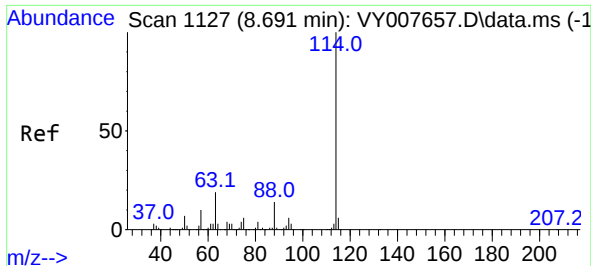
Tgt Ion: 56 Resp: 5266
Ion Ratio Lower Upper
56 100
69 114.5 26.7 40.1#
84 106.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.584 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

Tgt Ion: 65 Resp: 146999
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4

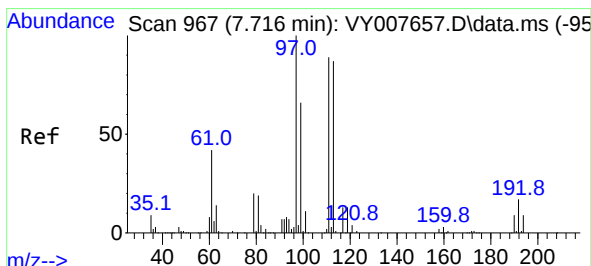
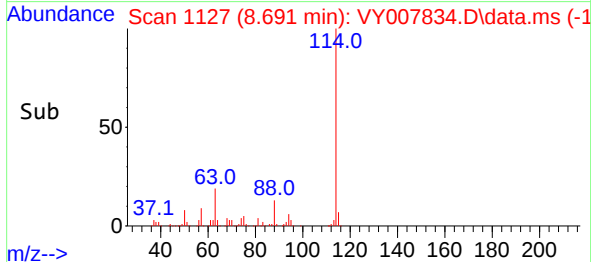
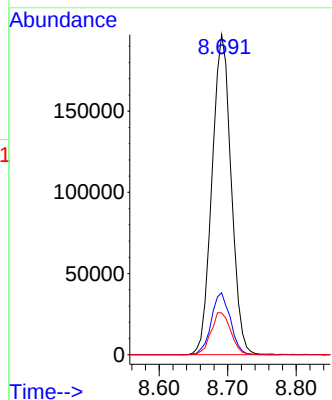
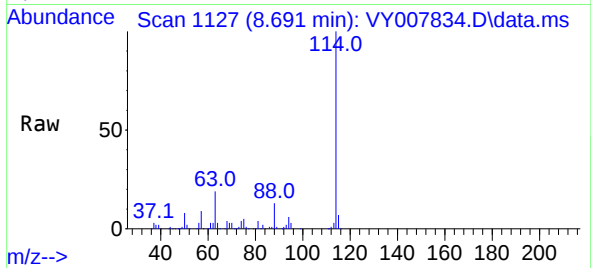




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

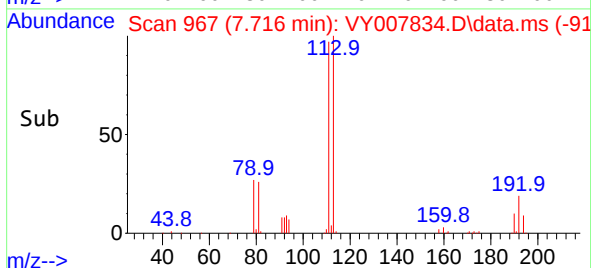
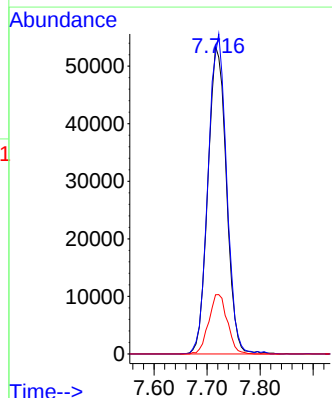
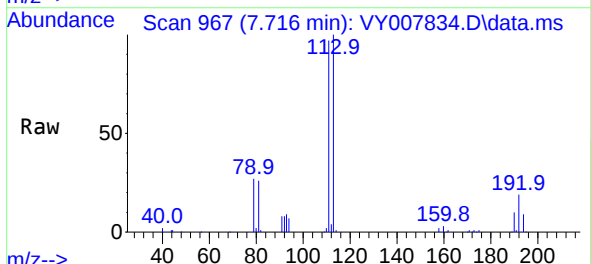
Instrument :
MSVOA_Y
ClientSampleId :
1-2-SAMPLE-LOCATION-1

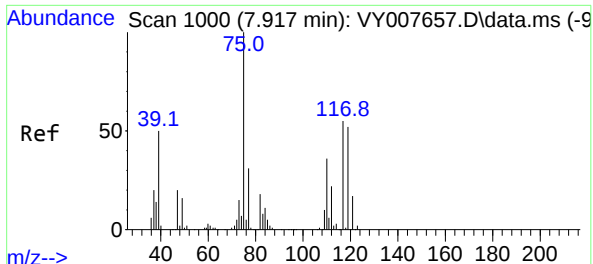
Tgt Ion:	114	Resp:	382583
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.2
88	13.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 53.025 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

Tgt Ion:	113	Resp:	129697
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	124.0
192	19.4	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.760 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007834.D

Acq: 10 Mar 2022 18:43

Instrument :

MSVOA_Y

ClientSampleId :

1-2-SAMPLE-LOCATION-1

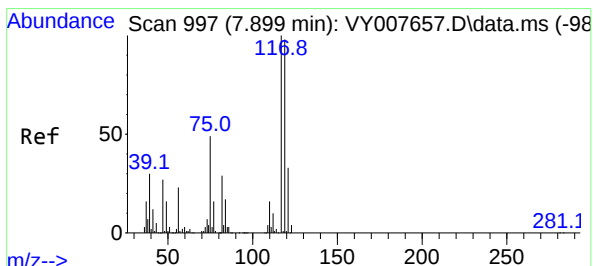
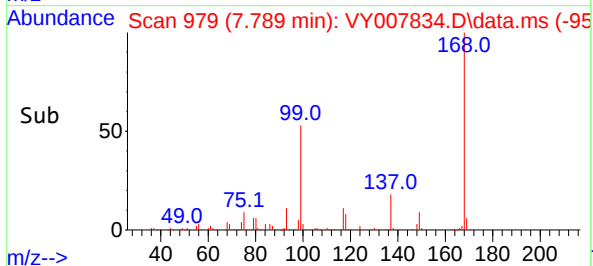
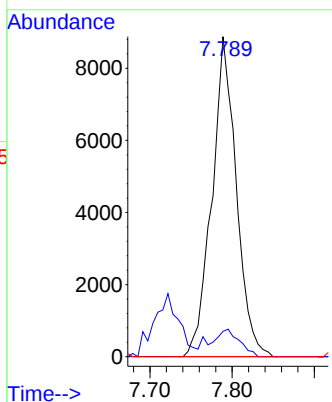
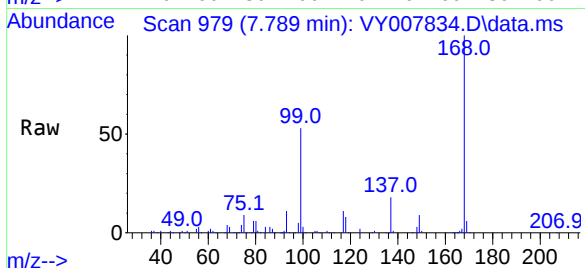
Tgt Ion: 75 Resp: 18317

Ion Ratio Lower Upper

75 100

110 10.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.722 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007834.D

Acq: 10 Mar 2022 18:43

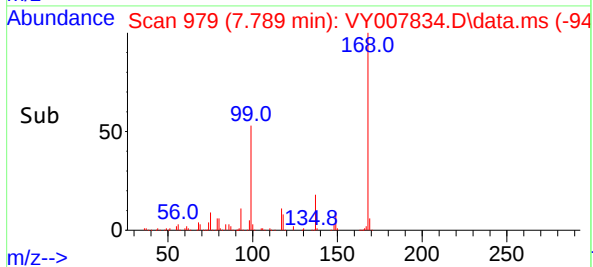
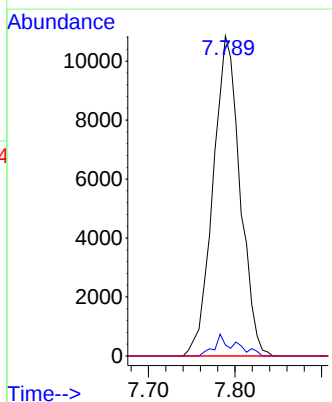
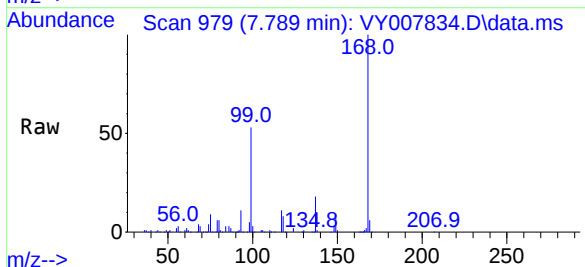
Tgt Ion: 117 Resp: 23486

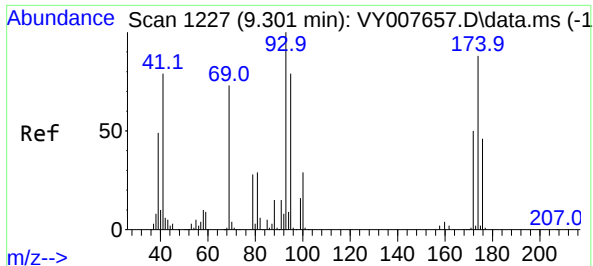
Ion Ratio Lower Upper

117 100

119 3.4 77.9 116.9#

121 0.0 24.8 37.2#





#49

1,4-Dioxane

Concen: 1.445 ug/l

RT: 9.094 min Scan# 1193

Delta R.T. -0.207 min

Lab File: VY007834.D

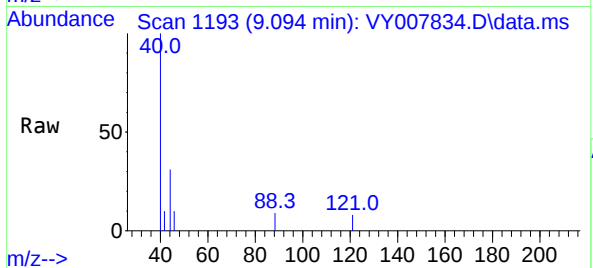
Acq: 10 Mar 2022 18:43

Instrument :

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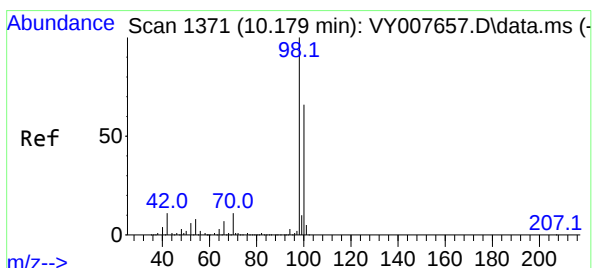
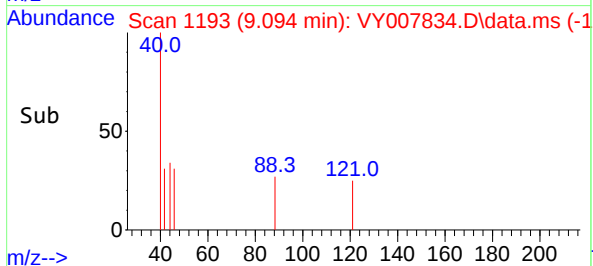
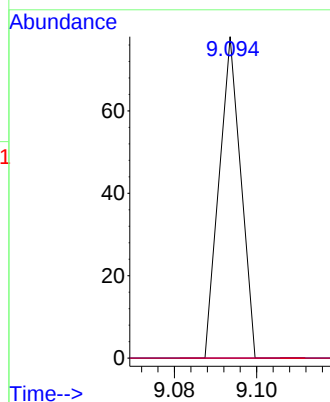
Tgt Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 0.0 32.8 49.2#

58 0.0 59.8 89.6#



#50

Toluene-d8

Concen: 52.476 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007834.D

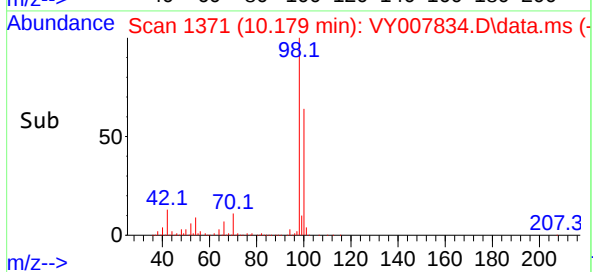
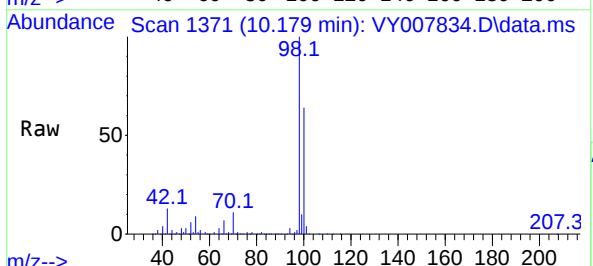
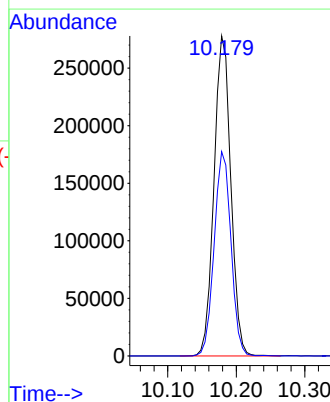
Acq: 10 Mar 2022 18:43

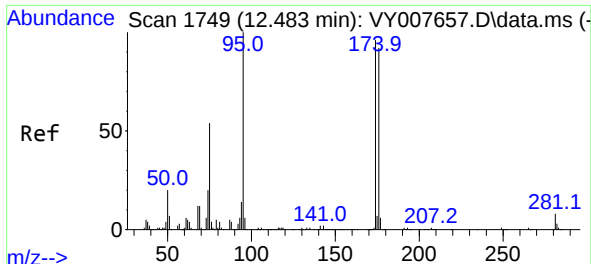
Tgt Ion: 98 Resp: 472478

Ion Ratio Lower Upper

98 100

100 63.8 50.2 75.2

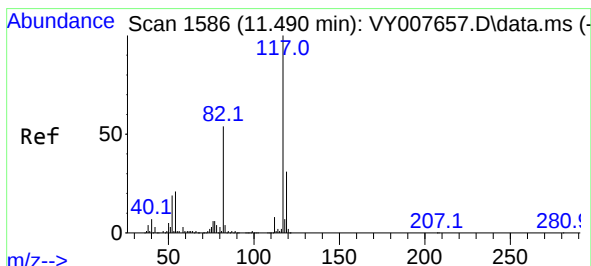
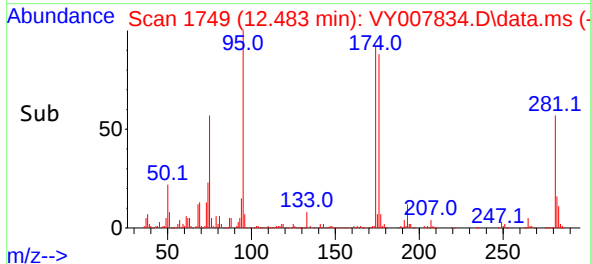
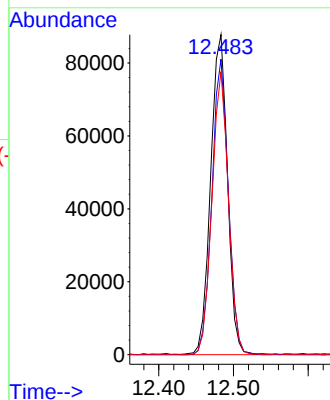
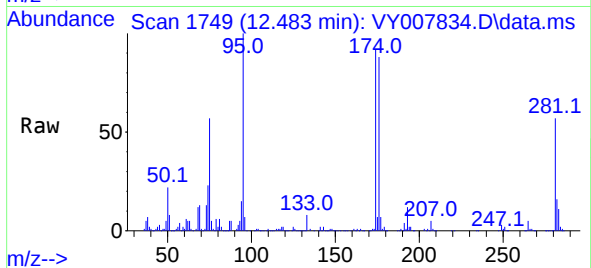




#62
4-Bromofluorobenzene
Concen: 47.406 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

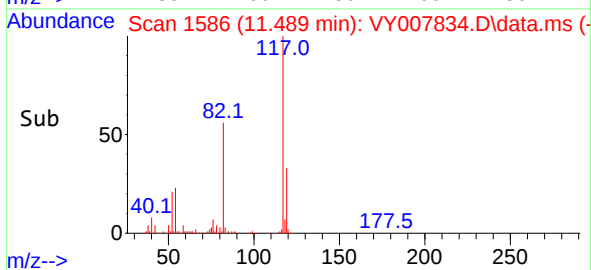
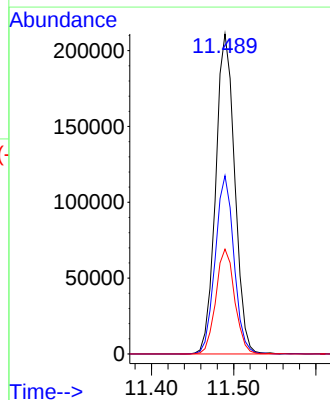
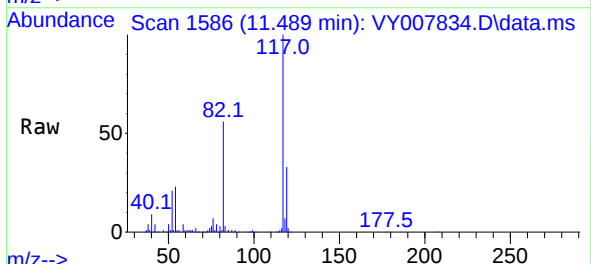
Instrument :
MSVOA_Y
ClientSampleId :
1-2-SAMPLE-LOCATION-1

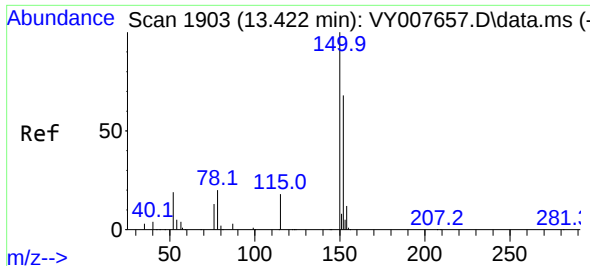
Tgt Ion: 95 Resp: 137587
Ion Ratio Lower Upper
95 100
174 89.9 0.0 177.0
176 86.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

Tgt Ion: 117 Resp: 339752
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 32.7 25.4 38.0

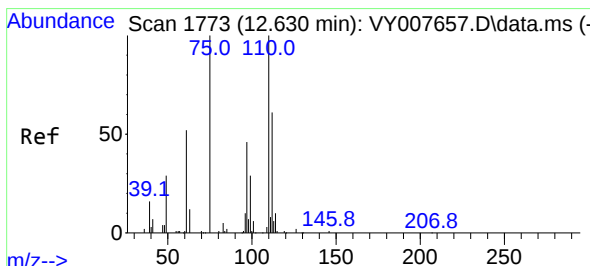
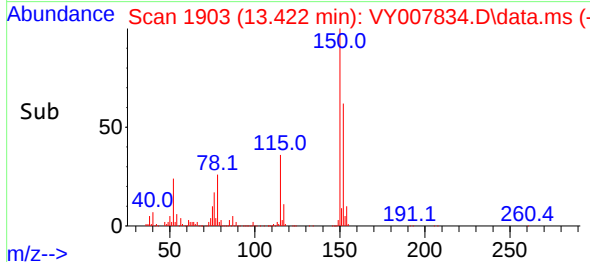
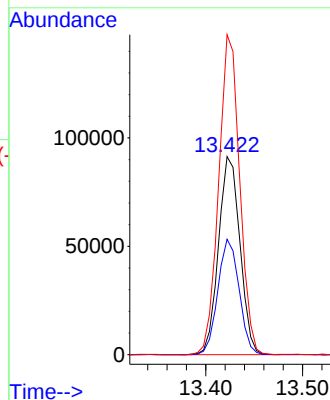
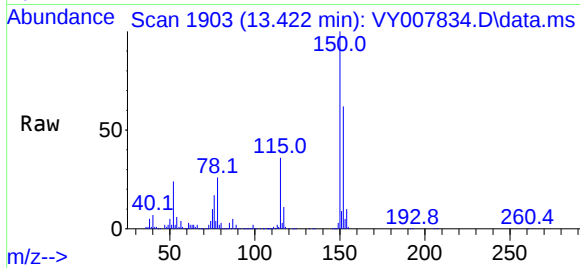




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007834.D
 Acq: 10 Mar 2022 18:43

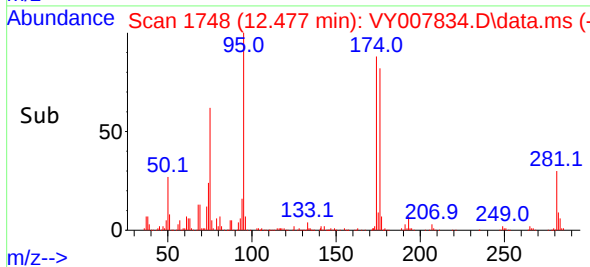
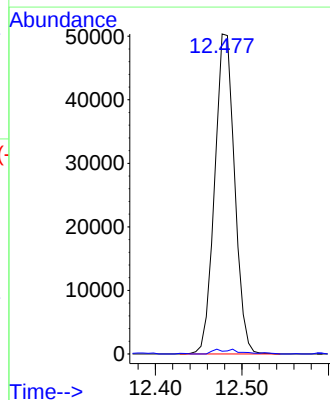
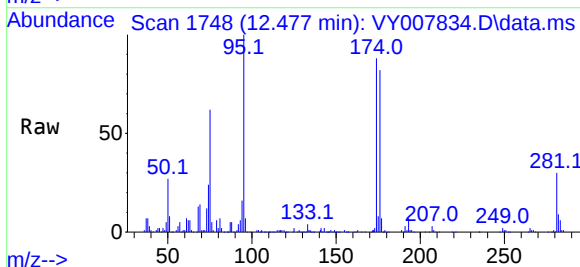
Instrument :
 MSVOA_Y
 ClientSampleId :
 1-2-SAMPLE-LOCATION-1

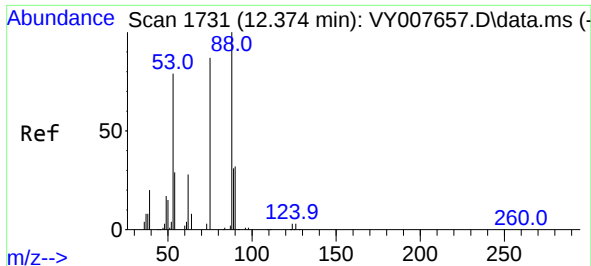
Tgt Ion:152 Resp: 140676
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.2 84.7
 150 158.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 51.152 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007834.D
 Acq: 10 Mar 2022 18:43

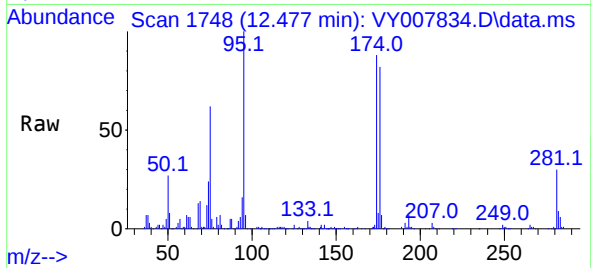
Tgt Ion: 75 Resp: 80360
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.573 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007834.D
 Acq: 10 Mar 2022 18:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-2-SAMPLE-LOCATION-1



Tgt Ion: 75 Resp: 80360
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.7 37.0 55.4#

