

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007807.D
 Acq On : 09 Mar 2022 18:17
 Operator : SY/MD
 Sample : N1763-17
 Misc : 5.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 10 01:04:48 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)

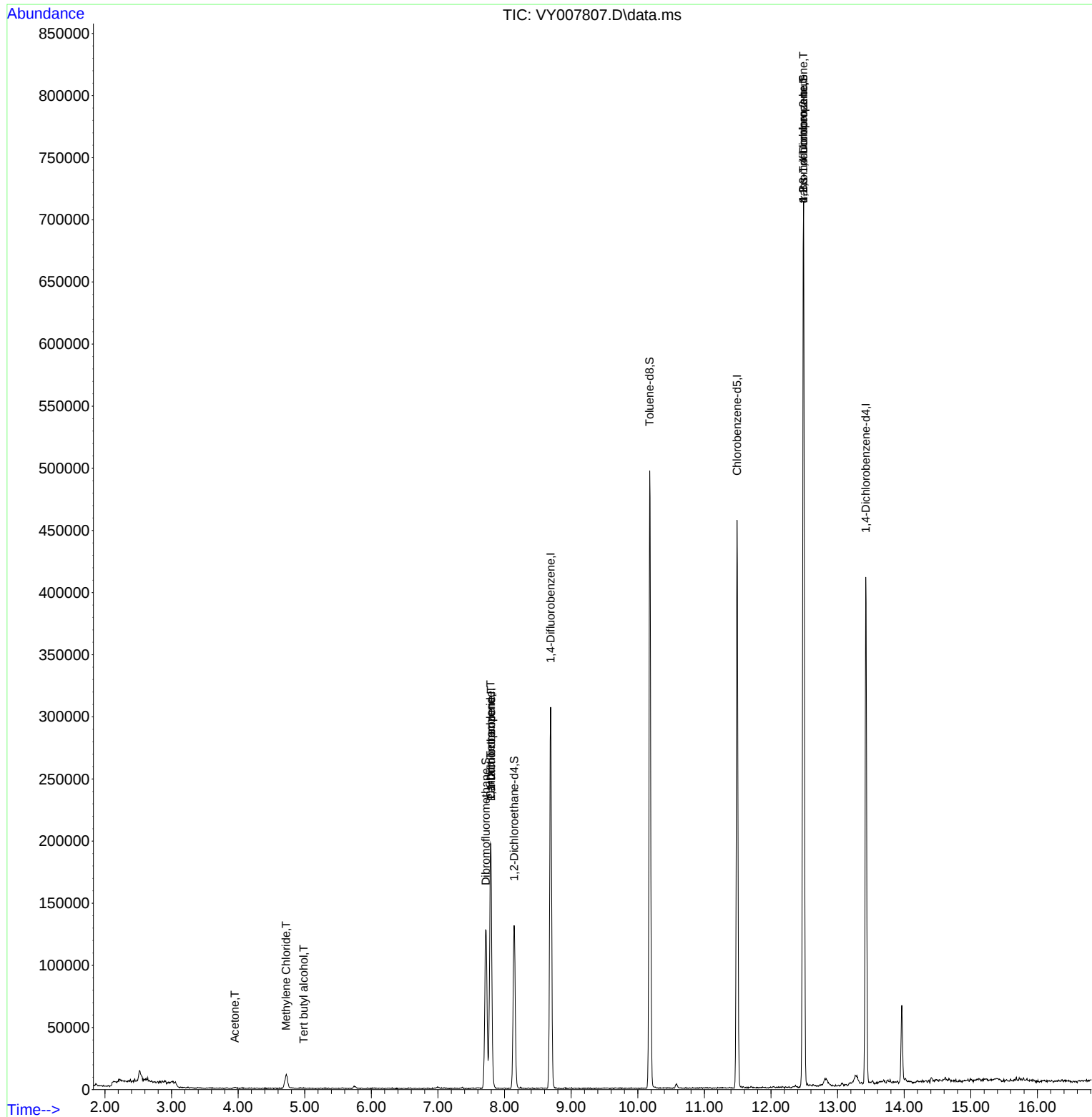
Internal Standards						
1) Pentafluorobenzene	7.795	168	148105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	257157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	237203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	100403	64.754	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.500%	
35) Dibromofluoromethane	7.716	113	88726	53.967	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.940%	
50) Toluene-d8	10.179	98	319389	52.774	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.540%	
62) 4-Bromofluorobenzene	12.483	95	95399	48.902	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.800%	
Target Compounds						Qvalue
3) Chloromethane	2.107	50	1155	Below Cal	#	79
11) Tert butyl alcohol	4.985	59	184	1.371	ug/l #	77
13) Acrolein	3.784	56	23	Below Cal	#	56
16) Acetone	3.948	43	1188	3.766	ug/l	99
17) Carbon Disulfide	4.034	76	31	Below Cal	#	75
18) Methyl Acetate	4.485	43	107	Below Cal	#	56
20) Methylene Chloride	4.716	84	8194	1.166	ug/l #	80
31) Cyclohexane	7.783	56	3719	Below Cal	#	70
36) 1,1-Dichloropropene	7.795	75	12040	4.655	ug/l #	52
38) Carbon Tetrachloride	7.789	117	14934	5.413	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	58986	52.875	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58986	108.097	ug/l #	8

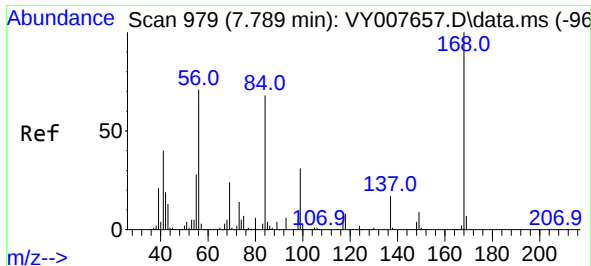
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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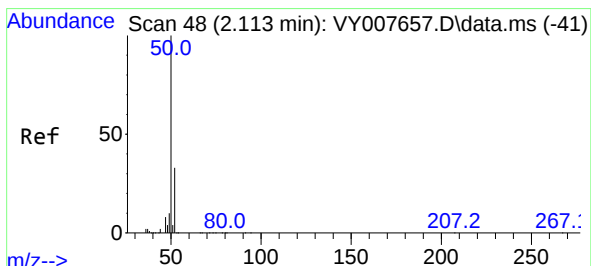
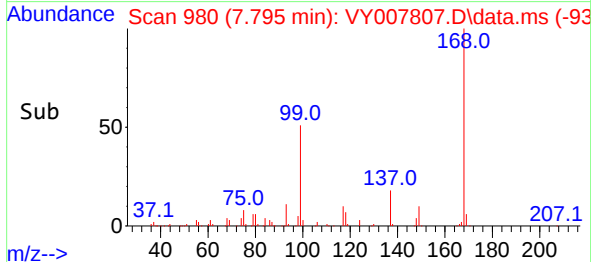
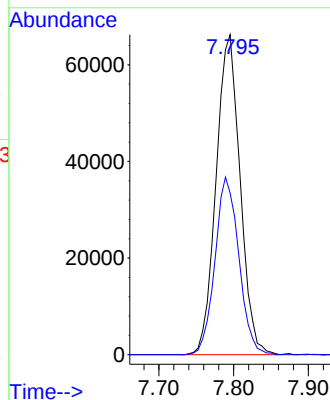
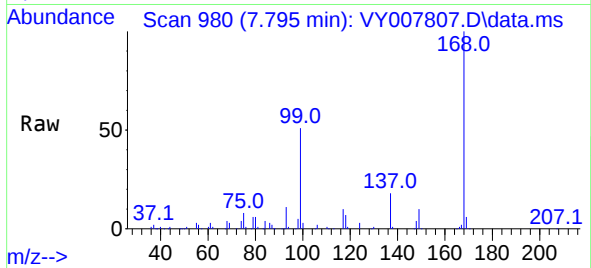




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007807.D
Acq: 09 Mar 2022 18:17

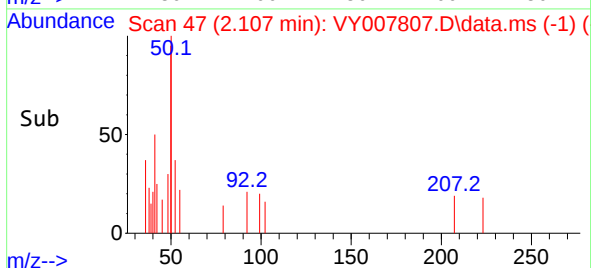
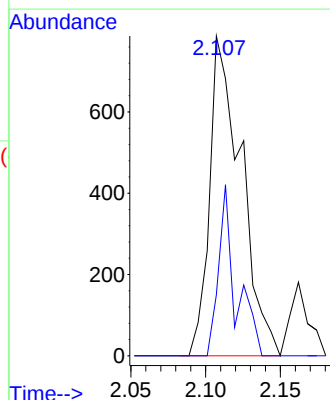
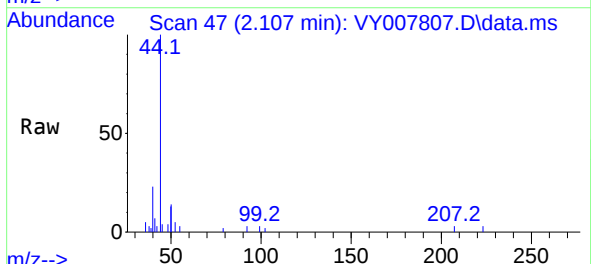
Instrument :
MSVOA_Y
ClientSampleId :

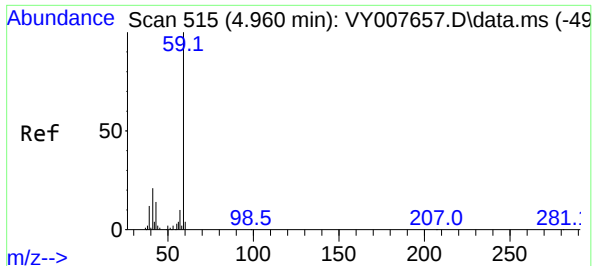
Tgt Ion:168 Resp: 148105
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY007807.D
Acq: 09 Mar 2022 18:17

Tgt Ion: 50 Resp: 1155
Ion Ratio Lower Upper
50 100
52 19.1 24.6 37.0#

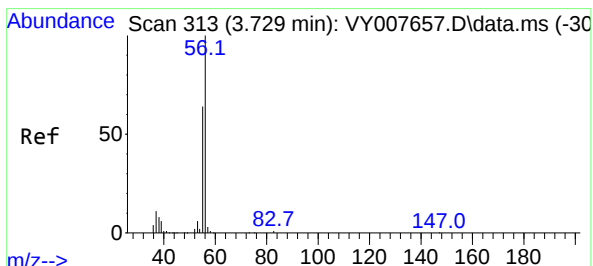
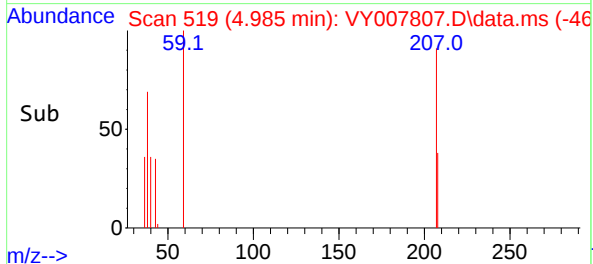
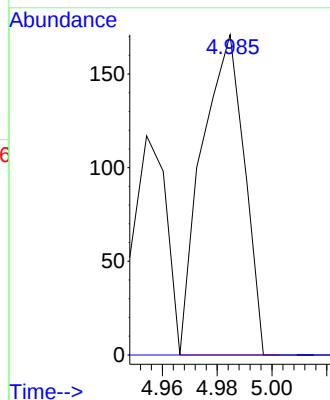
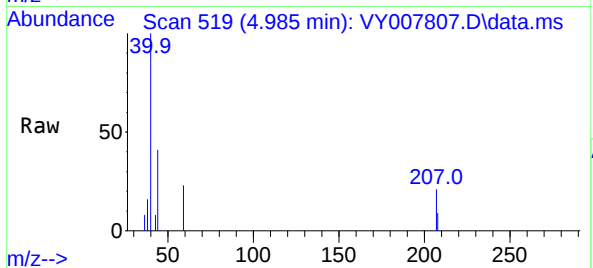




#11
Tert butyl alcohol
Concen: 1.371 ug/l
RT: 4.985 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY007807.D
Acq: 09 Mar 2022 18:17

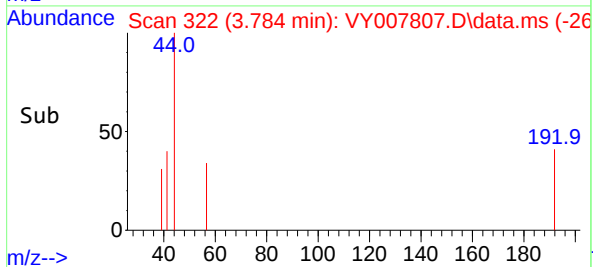
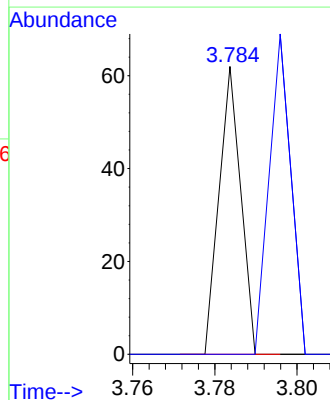
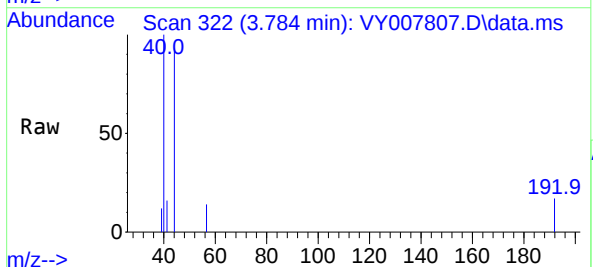
Instrument :
MSVOA_Y
ClientSampleId :

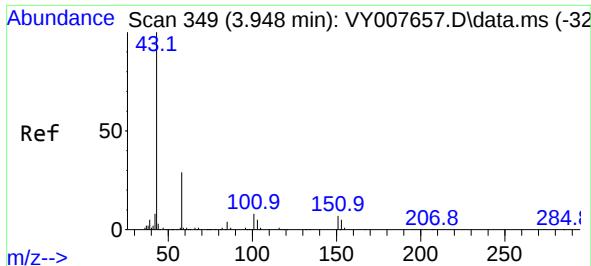
Tgt Ion: 59 Resp: 184
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#13
Acrolein
Concen: Below Cal
RT: 3.784 min Scan# 322
Delta R.T. 0.055 min
Lab File: VY007807.D
Acq: 09 Mar 2022 18:17

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 108.7 57.6 86.4#

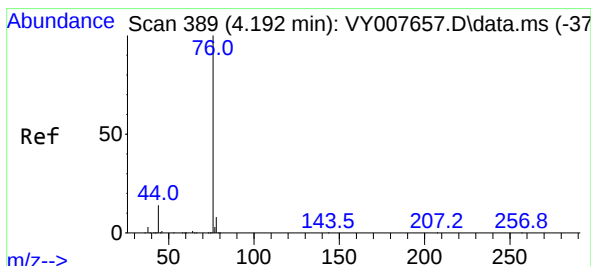
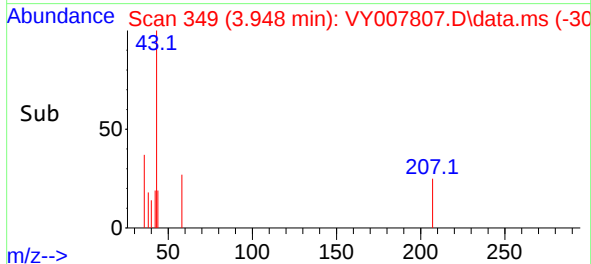
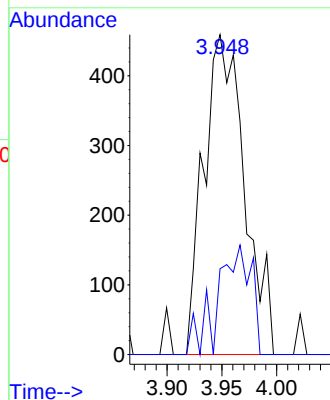
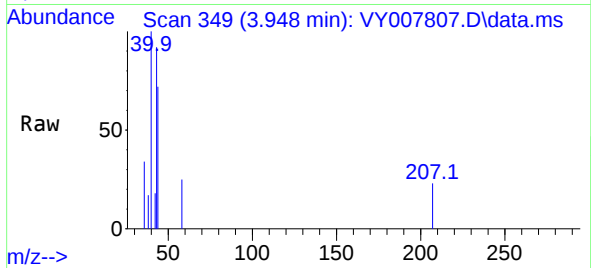




#16
Acetone
Concen: 3.766 ug/l
RT: 3.948 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY007807.D
Acq: 09 Mar 2022 18:17

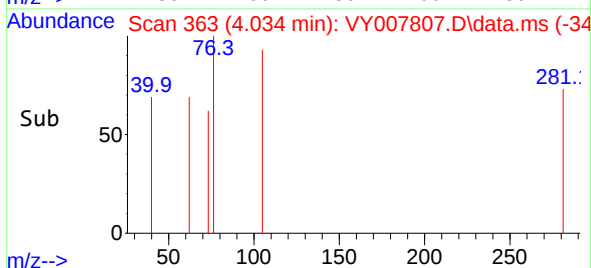
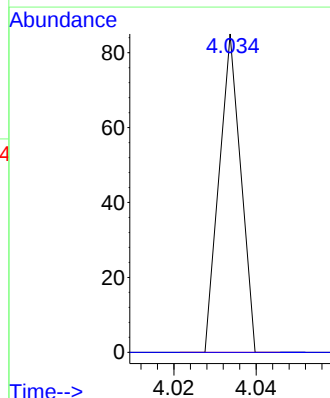
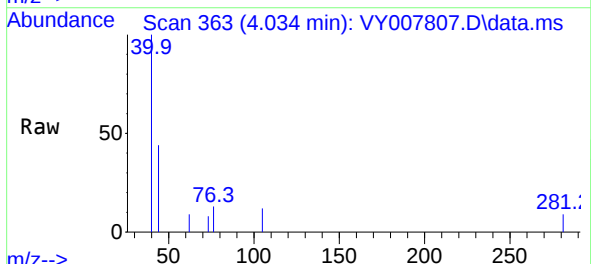
Instrument :
MSVOA_Y
ClientSampleId :

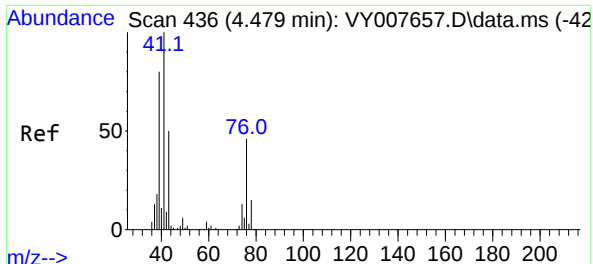
Tgt Ion: 43 Resp: 1188
Ion Ratio Lower Upper
43 100
58 26.8 22.0 33.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.034 min Scan# 363
Delta R.T. -0.158 min
Lab File: VY007807.D
Acq: 09 Mar 2022 18:17

Tgt Ion: 76 Resp: 31
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.485 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY007807.D

Acq: 09 Mar 2022 18:17

Instrument :

MSVOA_Y

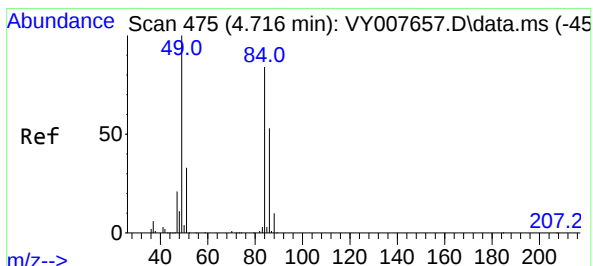
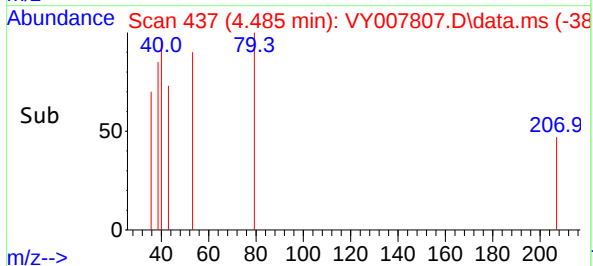
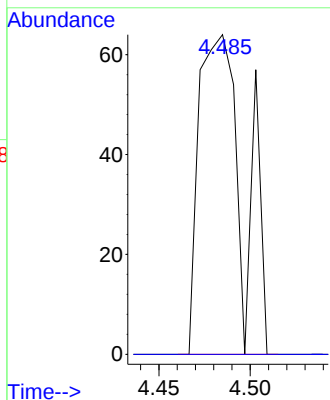
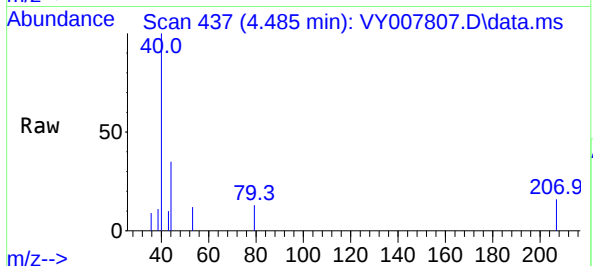
ClientSampleId :

Tgt Ion: 43 Resp: 107

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: 1.166 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY007807.D

Acq: 09 Mar 2022 18:17

Tgt Ion: 84 Resp: 8194

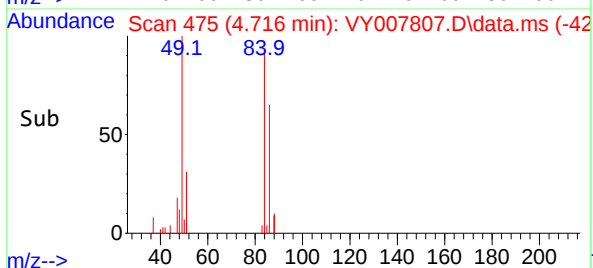
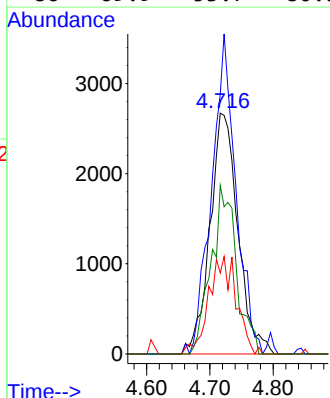
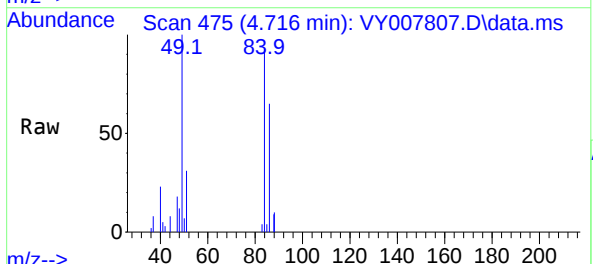
Ion Ratio Lower Upper

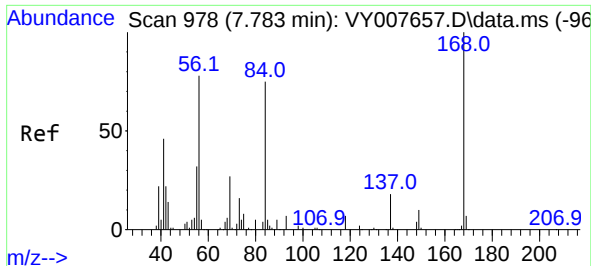
84 100

49 107.9 114.4 171.6#

51 33.6 35.3 52.9#

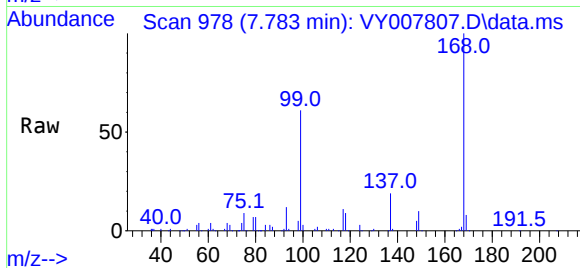
86 69.9 53.7 80.5



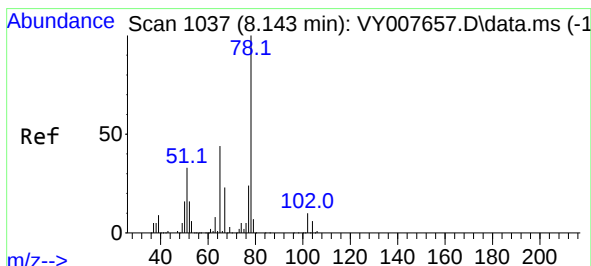
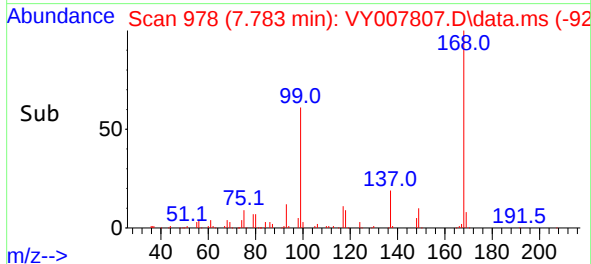
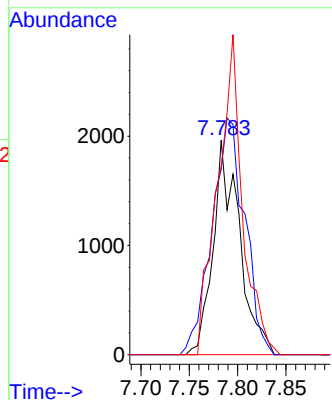


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007807.D
Acq: 09 Mar 2022 18:17

Instrument :
MSVOA_Y
ClientSampleId :

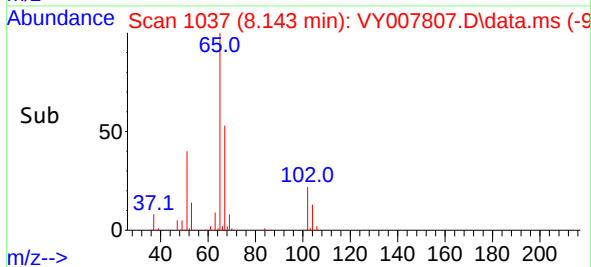
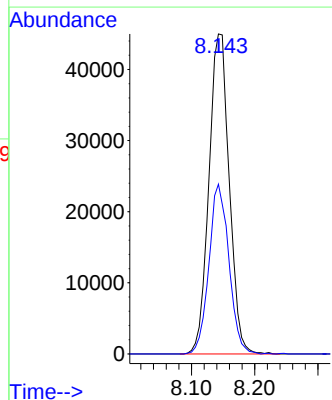
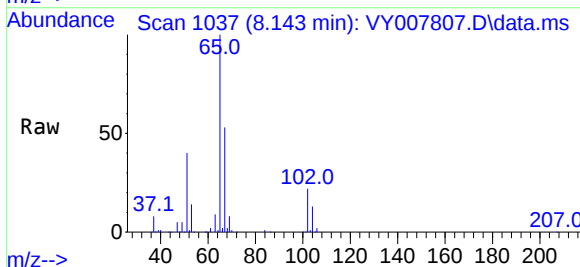


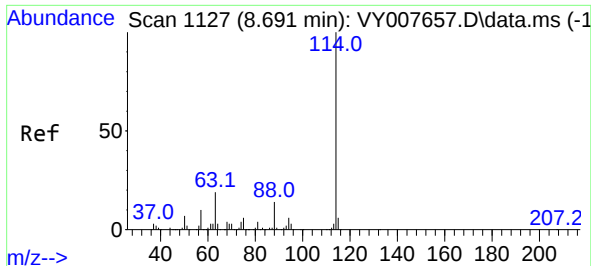
Tgt Ion: 56 Resp: 3719
Ion Ratio Lower Upper
56 100
69 86.3 26.7 40.1#
84 87.8 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 64.754 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007807.D
Acq: 09 Mar 2022 18:17

Tgt Ion: 65 Resp: 100403
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# 1127

Delta R.T. 0.000 min

Lab File: VY007807.D

Acq: 09 Mar 2022 18:17

Instrument :

MSVOA_Y

ClientSampleId :

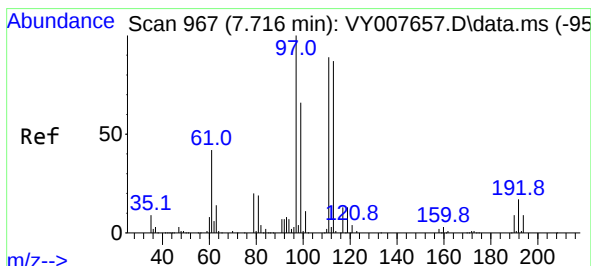
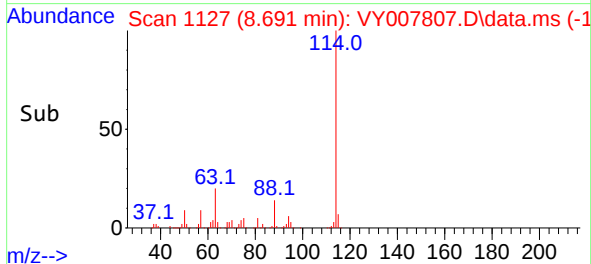
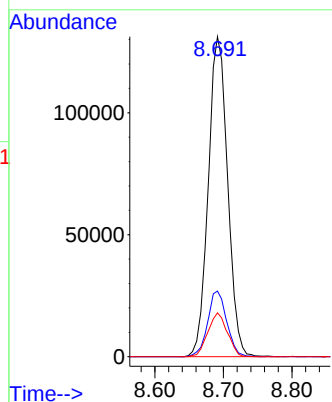
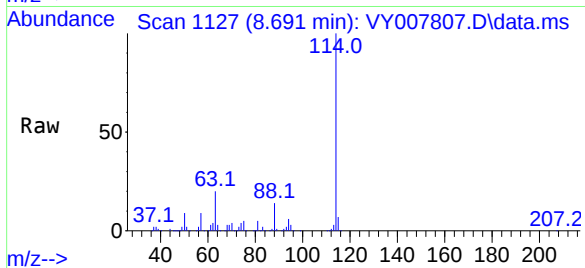
Tgt Ion:114 Resp: 257157

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.967 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007807.D

Acq: 09 Mar 2022 18:17

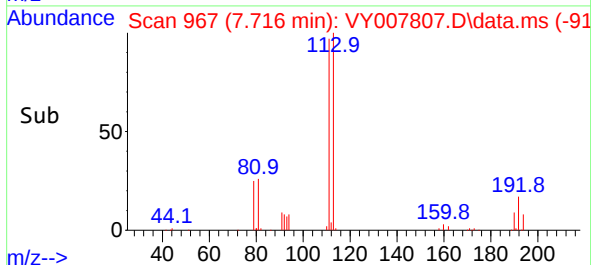
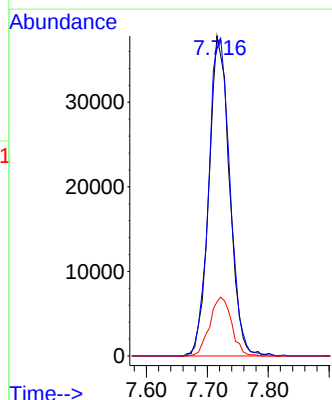
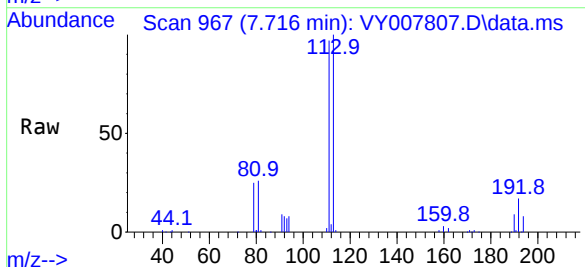
Tgt Ion:113 Resp: 88726

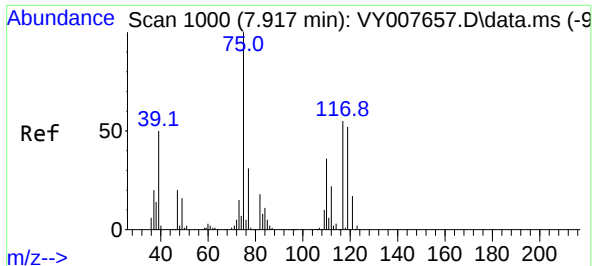
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

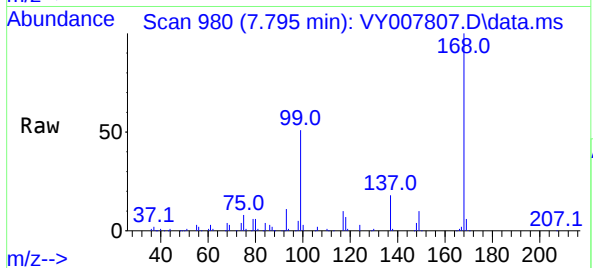
192 19.5 17.6 26.4



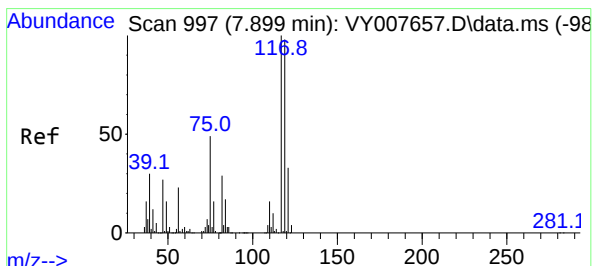
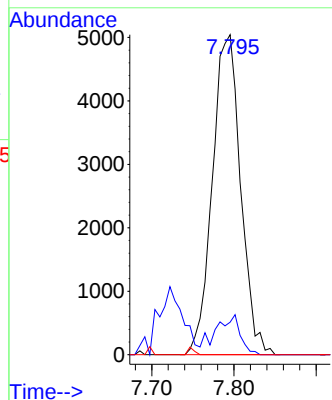
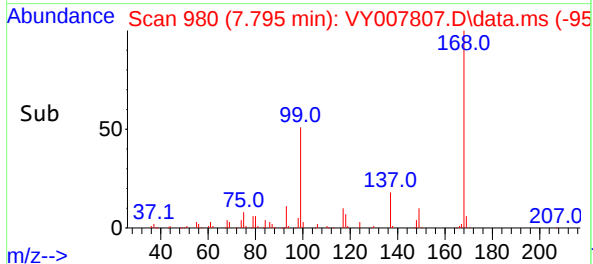


#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY007807.D
Acq: 09 Mar 2022 18:17

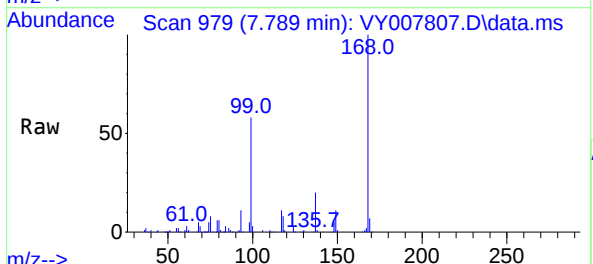
Instrument :
MSVOA_Y
ClientSampleId :



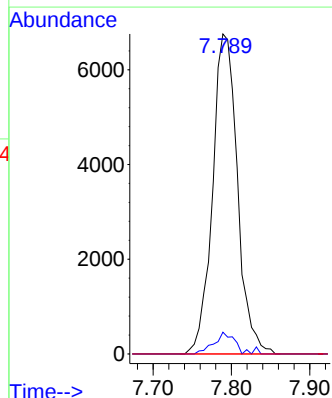
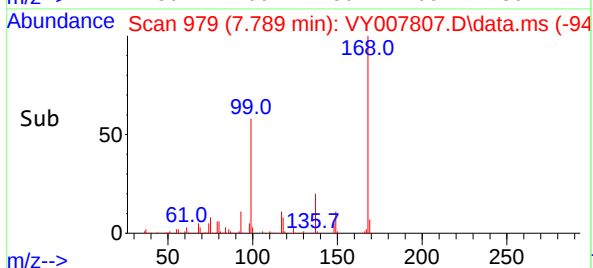
Tgt Ion: 75 Resp: 12040
Ion Ratio Lower Upper
75 100
110 10.9 17.1 51.2#
77 0.0 24.4 36.6#

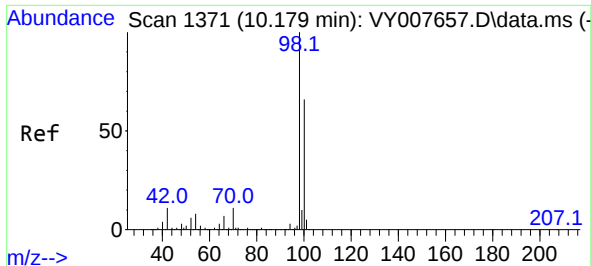


#38
Carbon Tetrachloride
Concen: 5.413 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007807.D
Acq: 09 Mar 2022 18:17



Tgt Ion: 117 Resp: 14934
Ion Ratio Lower Upper
117 100
119 6.8 77.9 116.9#
121 0.0 24.8 37.2#

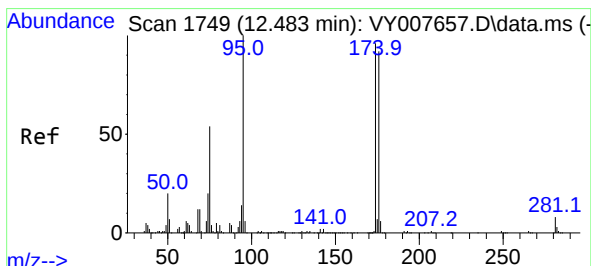
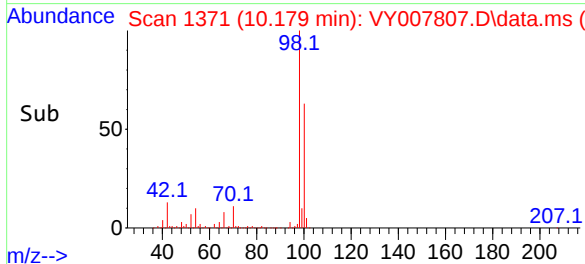
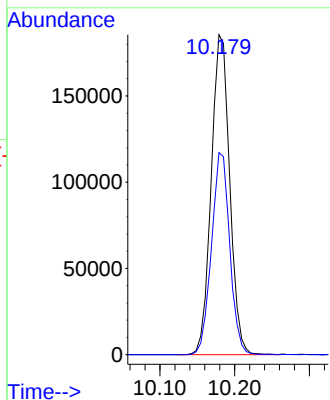
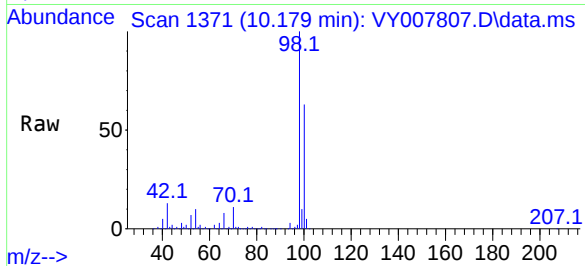




#50
Toluene-d8
Concen: 52.774 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007807.D
Acq: 09 Mar 2022 18:17

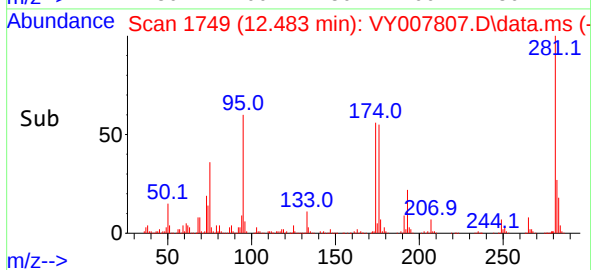
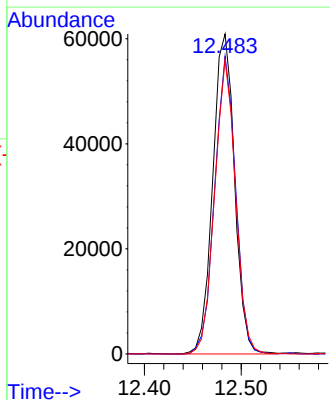
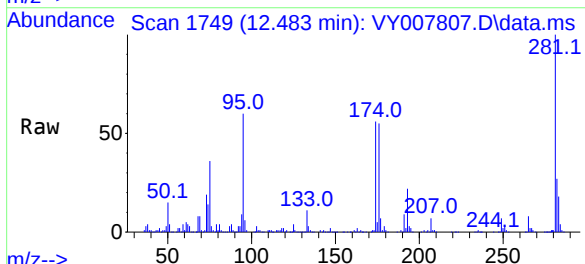
Instrument :
MSVOA_Y
ClientSampleId :

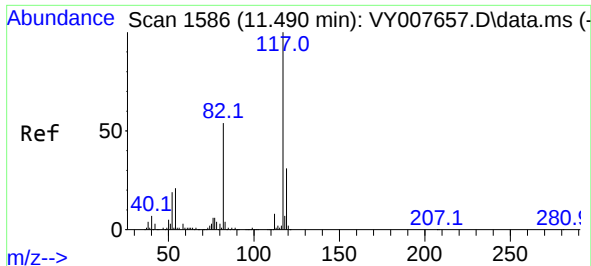
Tgt Ion: 98 Resp: 319389
Ion Ratio Lower Upper
98 100
100 62.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.902 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007807.D
Acq: 09 Mar 2022 18:17

Tgt Ion: 95 Resp: 95399
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 87.8 0.0 175.8

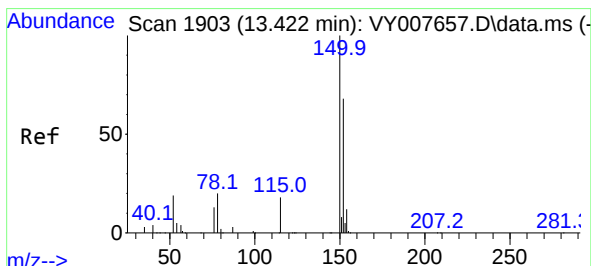
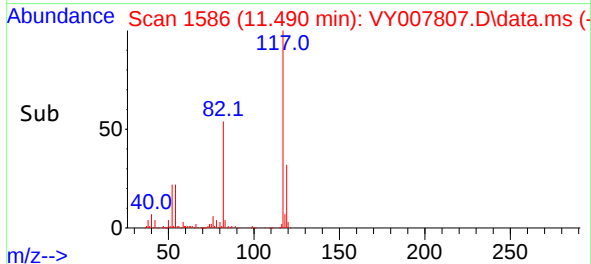
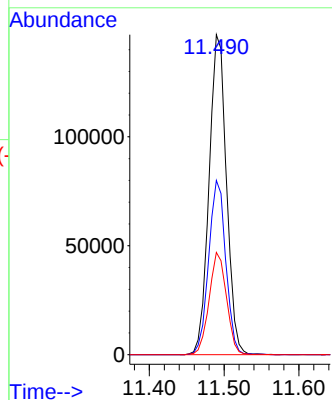
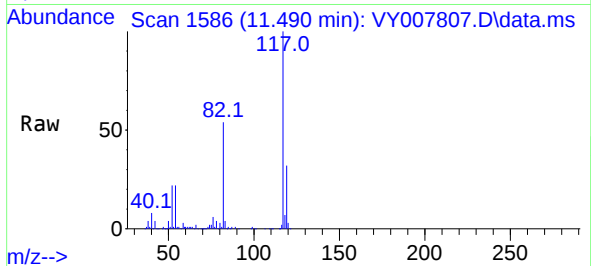




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY007807.D
Acq: 09 Mar 2022 18:17

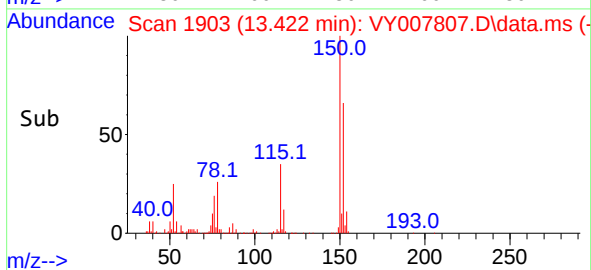
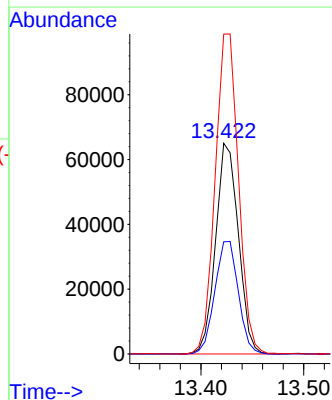
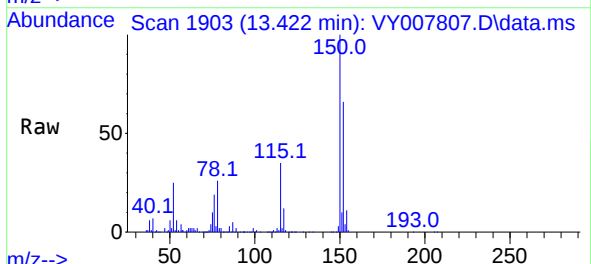
Instrument :
MSVOA_Y
ClientSampleId :

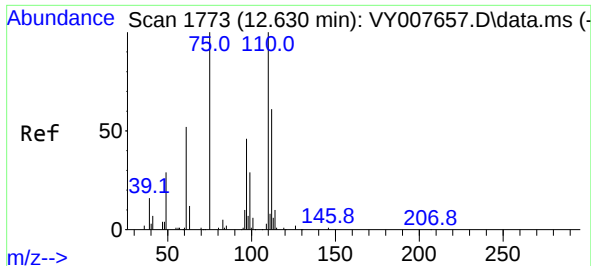
Tgt Ion:117 Resp: 237203
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007807.D
Acq: 09 Mar 2022 18:17

Tgt Ion:152 Resp: 99893
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 155.7 0.0 347.6

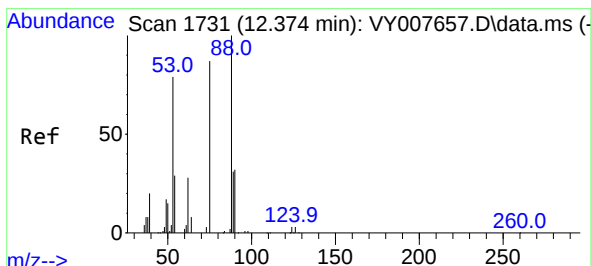
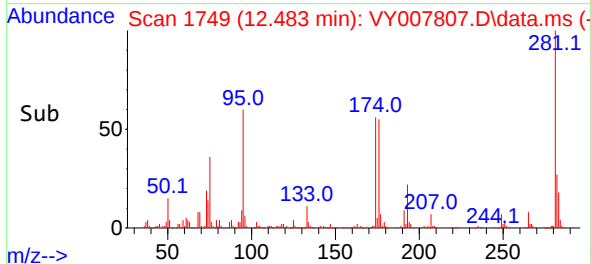
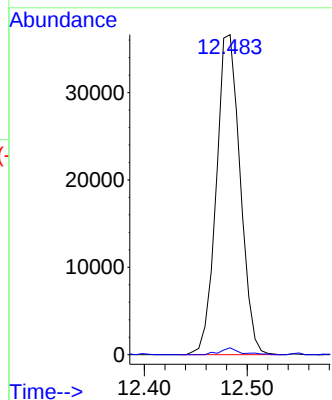
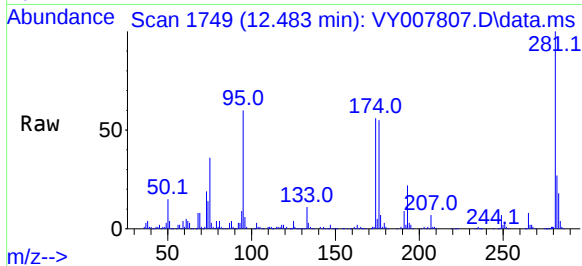




#76
1,2,3-Trichloropropane
Concen: 52.875 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007807.D
Acq: 09 Mar 2022 18:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 58986
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.097 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007807.D
Acq: 09 Mar 2022 18:17

Tgt Ion: 75 Resp: 58986
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 2.0 37.0 55.4#

