

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007723.D
 Acq On : 03 Mar 2022 23:46
 Operator : SY/MD
 Sample : N1730-02
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 04 00:45:57 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)

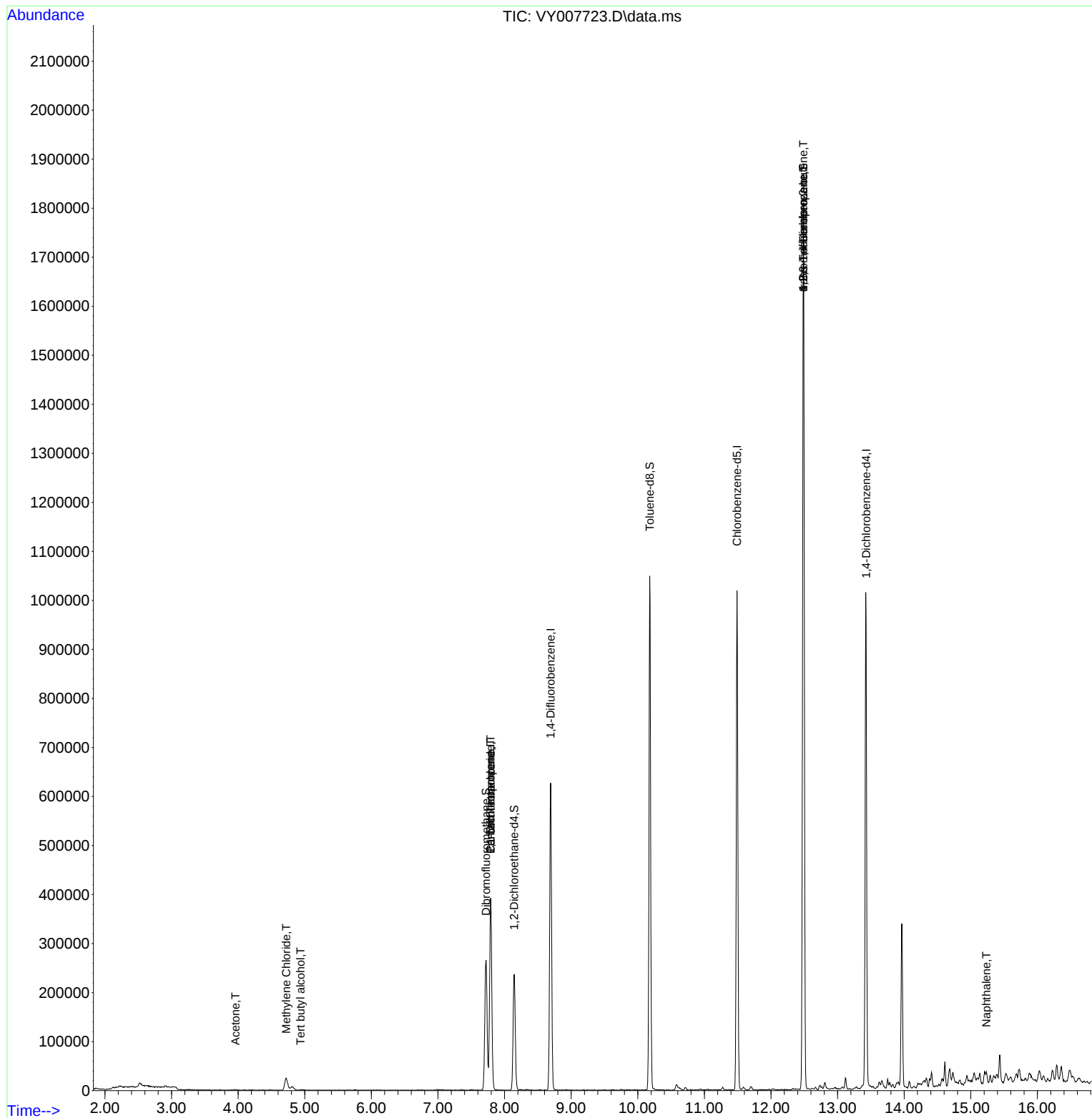
Internal Standards						
1) Pentafluorobenzene	7.789	168	314603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	548518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	552807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	253987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	184640	56.060	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.120%	
35) Dibromofluoromethane	7.722	113	184403	52.584	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.160%	
50) Toluene-d8	10.179	98	679372	52.628	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.260%	
62) 4-Bromofluorobenzene	12.483	95	233315	56.070	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.140%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	99	Below Cal	#	43
3) Chloromethane	2.119	50	1039	Below Cal	#	71
11) Tert butyl alcohol	4.936	59	1358	4.762	ug/l #	77
13) Acrolein	3.717	56	48	Below Cal	#	14
16) Acetone	3.961	43	1814	2.707	ug/l	93
17) Carbon Disulfide	4.192	76	88	Below Cal	#	75
18) Methyl Acetate	4.473	43	371	Below Cal		96
20) Methylene Chloride	4.723	84	18464	1.526	ug/l #	77
31) Cyclohexane	7.789	56	7183	Below Cal	#	15
36) 1,1-Dichloropropene	7.789	75	22713	4.117	ug/l #	53
38) Carbon Tetrachloride	7.789	117	30014	5.100	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	135608	47.809	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	135608	97.740	ug/l #	8
95) Naphthalene	15.233	128	14069	1.356	ug/l #	93

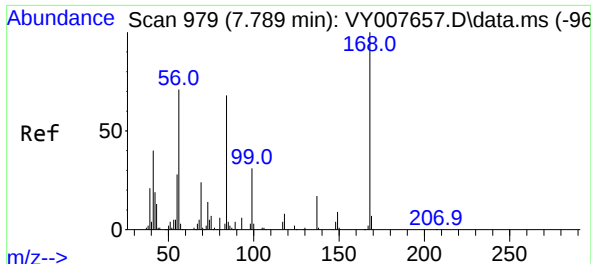
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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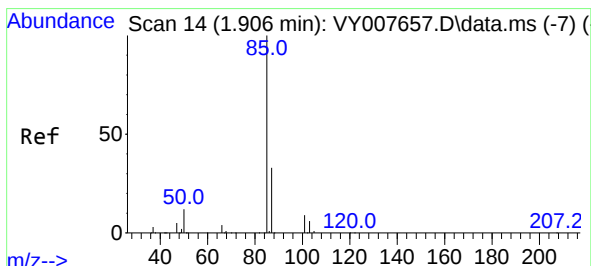
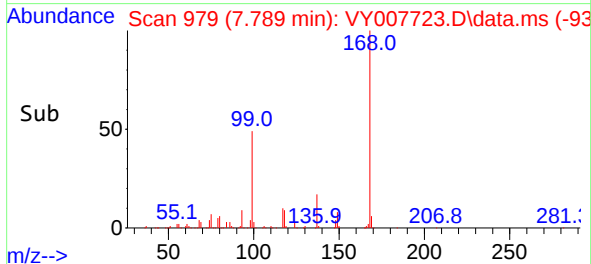
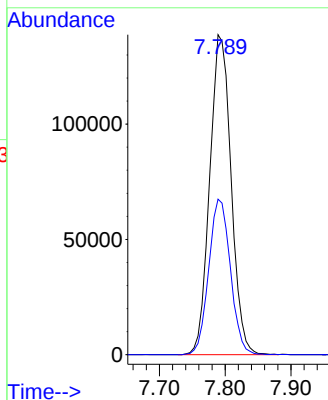
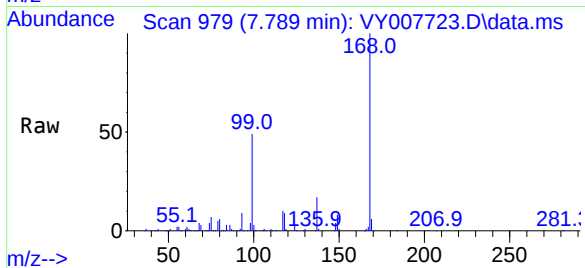




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

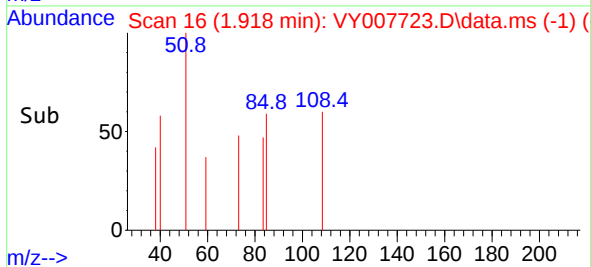
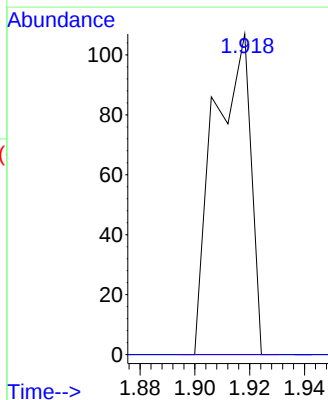
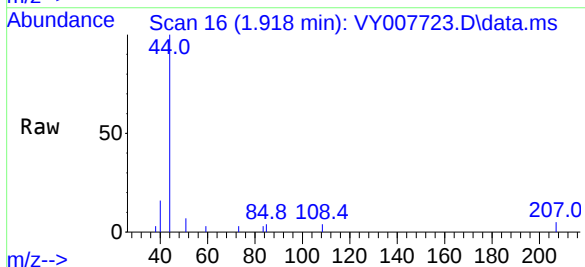
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 314603
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3

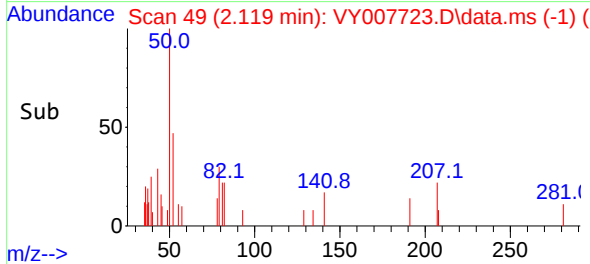
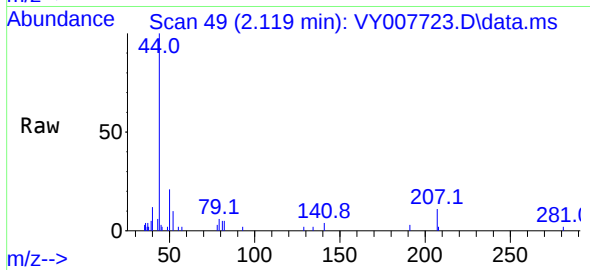
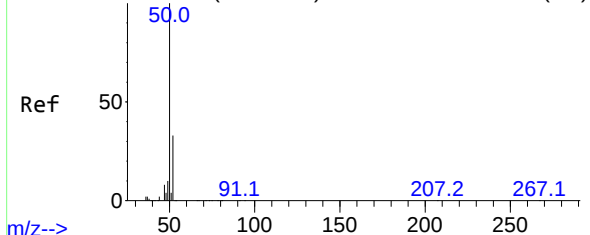


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

Tgt Ion: 85 Resp: 99
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: VY007723.D

Acq: 03 Mar 2022 23:46

Instrument :

MSVOA_Y

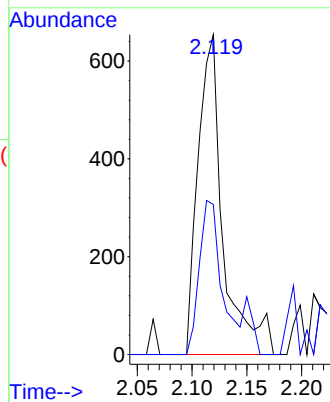
ClientSampleId :

Tgt Ion: 50 Resp: 1039

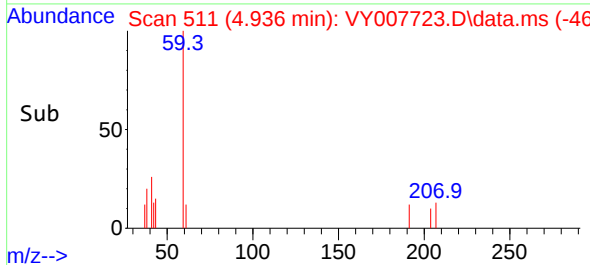
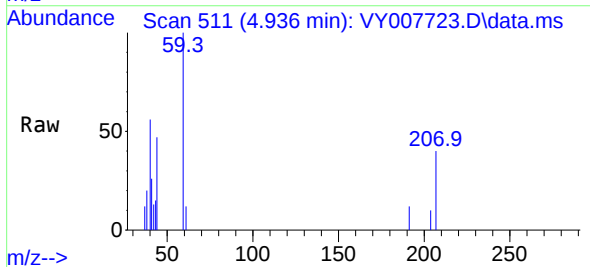
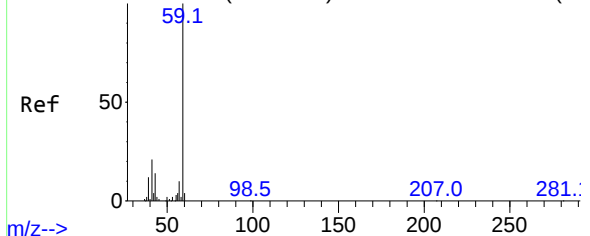
Ion Ratio Lower Upper

50 100

52 46.9 24.6 37.0#



Abundance Scan 515 (4.960 min): VY007657.D\data.ms (-49)



#11

Tert butyl alcohol

Concen: 4.762 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.024 min

Lab File: VY007723.D

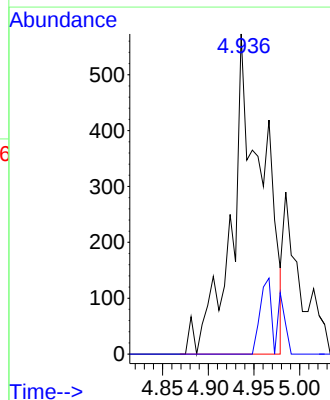
Acq: 03 Mar 2022 23:46

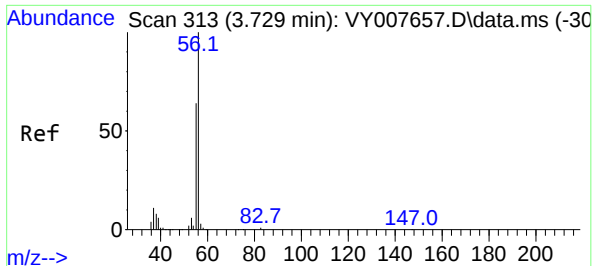
Tgt Ion: 59 Resp: 1358

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#

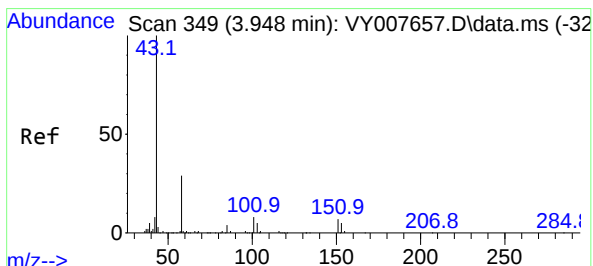
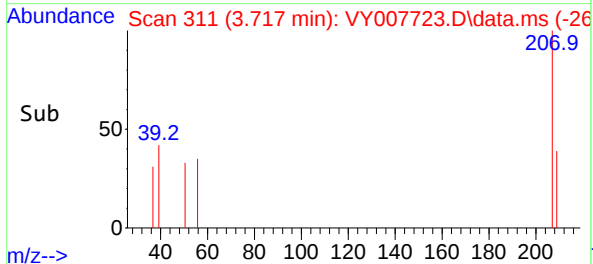
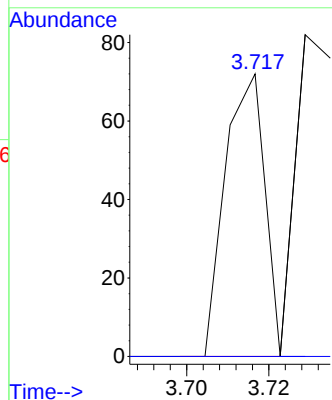
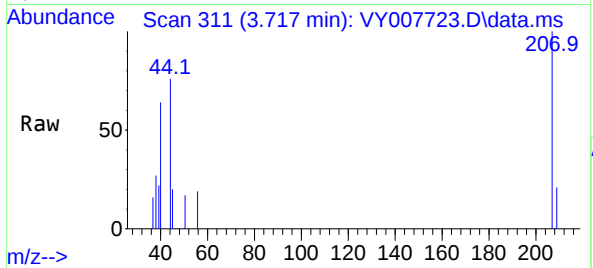




#13
Acrolein
Concen: Below Cal
RT: 3.717 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

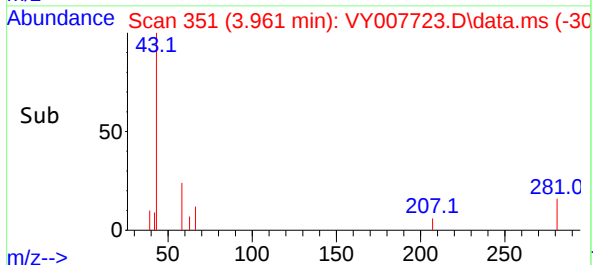
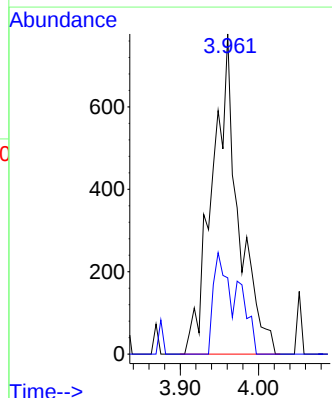
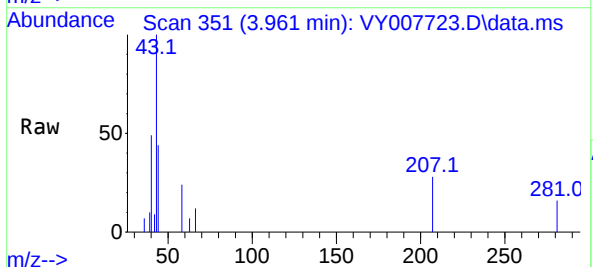
Instrument :
MSVOA_Y
ClientSampleId :

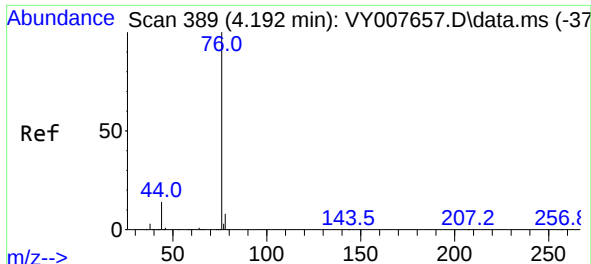
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 2.707 ug/l
RT: 3.961 min Scan# 351
Delta R.T. 0.013 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

Tgt Ion: 43 Resp: 1814
Ion Ratio Lower Upper
43 100
58 23.8 22.0 33.0

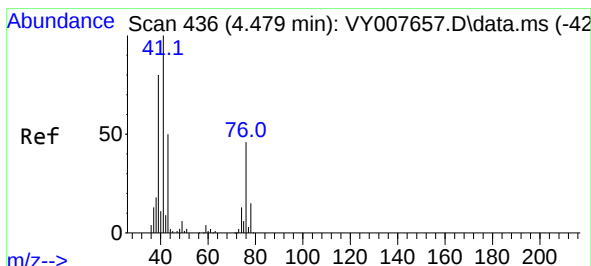
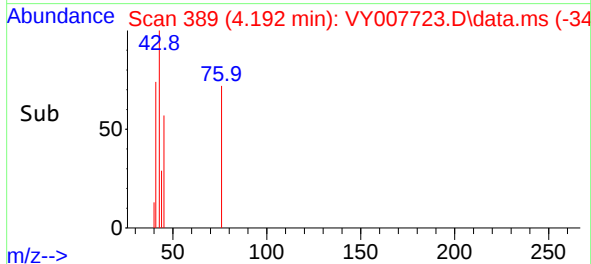
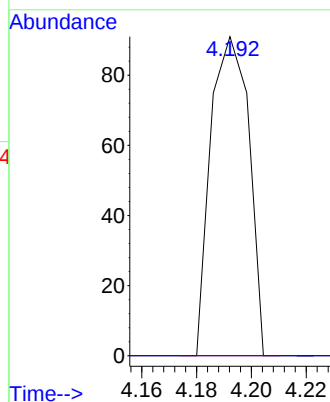
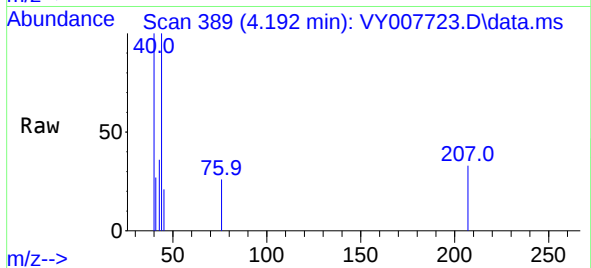




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

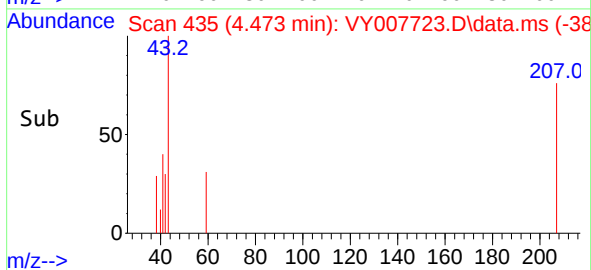
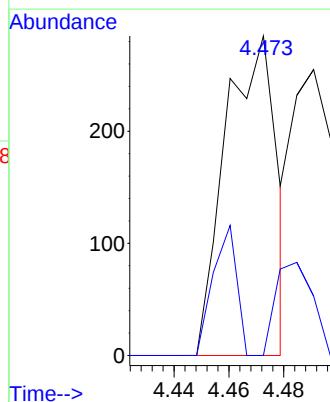
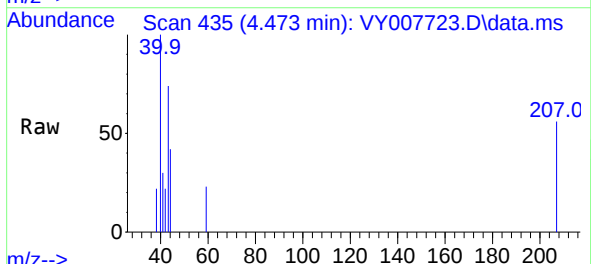
Instrument :
MSVOA_Y
ClientSampleId :

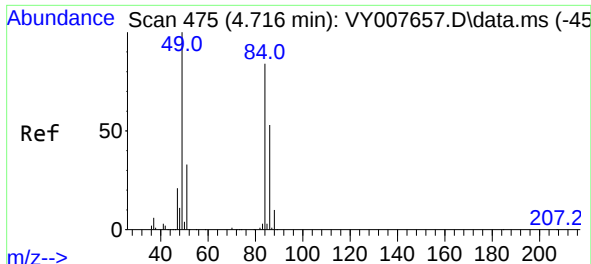
Tgt Ion: 76 Resp: 88
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

Tgt Ion: 43 Resp: 371
Ion Ratio Lower Upper
43 100
74 18.9 16.6 24.8





#20

Methylene Chloride

Concen: 1.526 ug/l

RT: 4.723 min Scan# 41

Delta R.T. 0.007 min

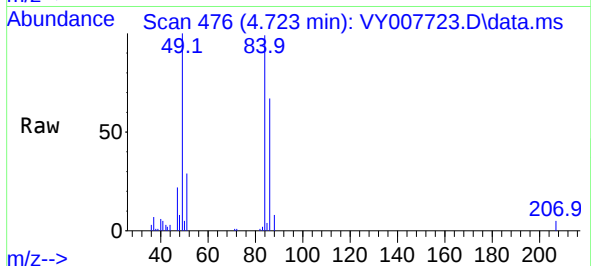
Lab File: VY007723.D

Acq: 03 Mar 2022 23:46

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 18464

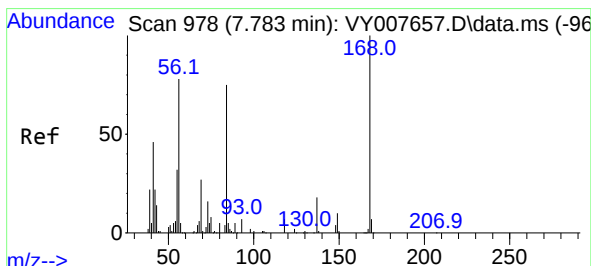
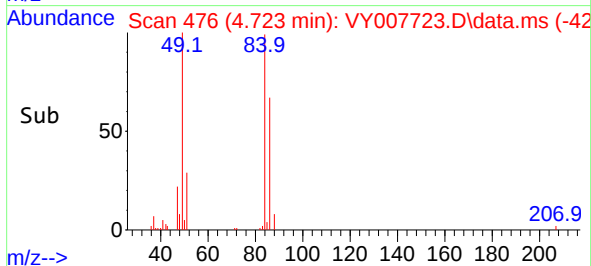
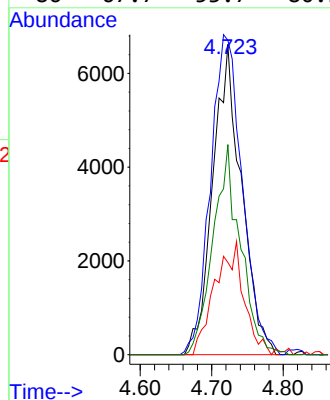
Ion Ratio Lower Upper

84 100

49 101.4 114.4 171.6#

51 29.7 35.3 52.9#

86 67.7 53.7 80.5



#31

Cyclohexane

Concen: Below Cal

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY007723.D

Acq: 03 Mar 2022 23:46

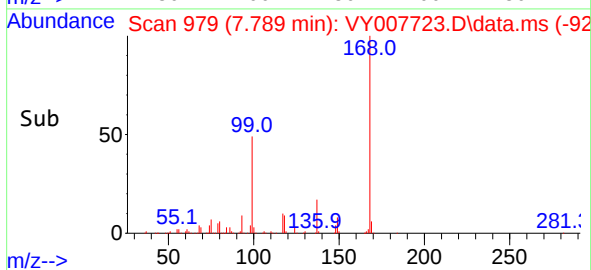
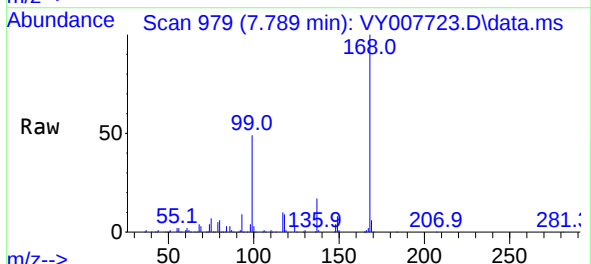
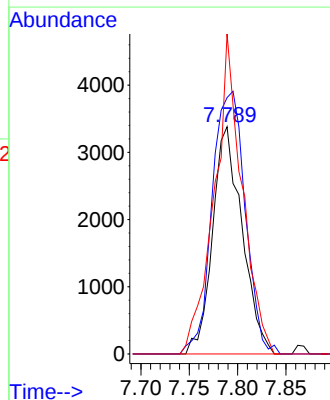
Tgt Ion: 56 Resp: 7183

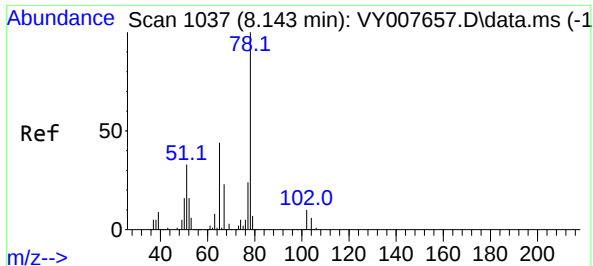
Ion Ratio Lower Upper

56 100

69 112.9 26.7 40.1#

84 140.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.060 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007723.D

Acq: 03 Mar 2022 23:46

Instrument :

MSVOA_Y

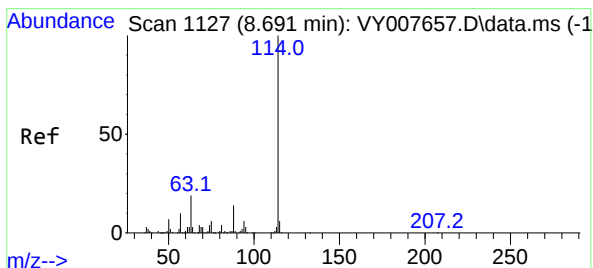
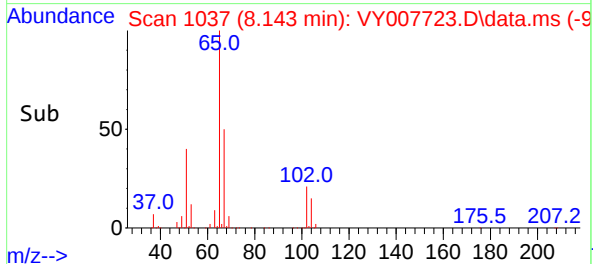
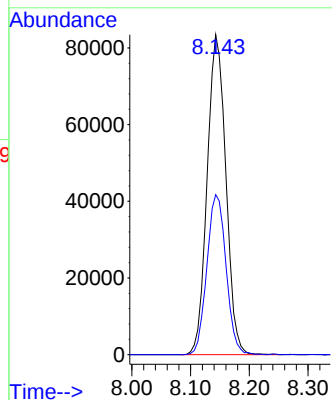
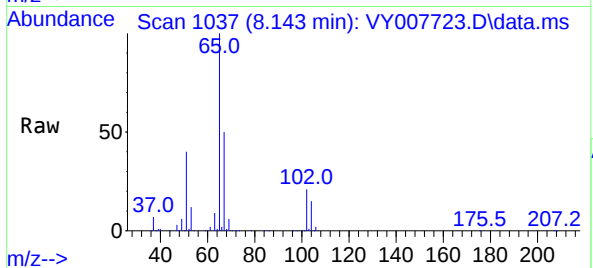
ClientSampleId :

Tgt Ion: 65 Resp: 184640

Ion Ratio Lower Upper

65 100

67 51.2 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: VY007723.D

Acq: 03 Mar 2022 23:46

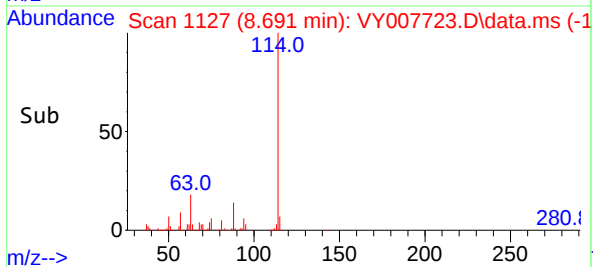
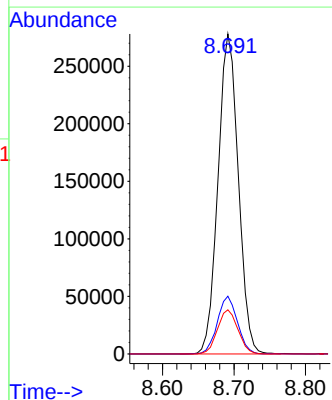
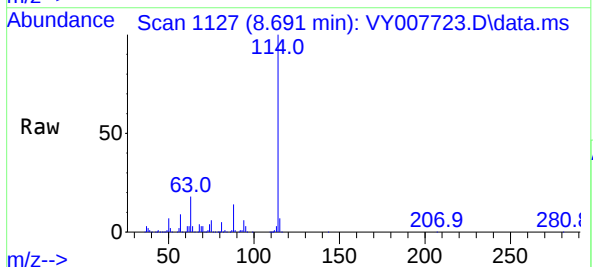
Tgt Ion:114 Resp: 548518

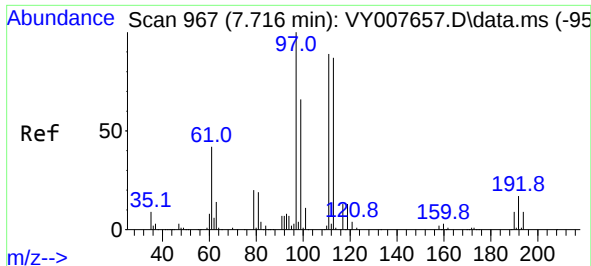
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

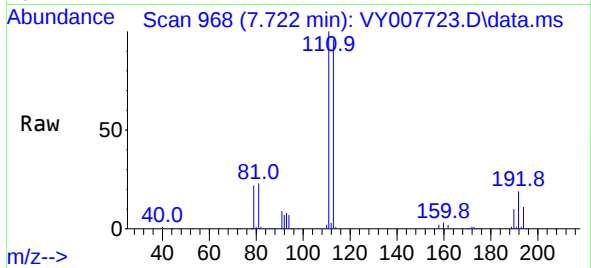
88 13.8 0.0 31.8



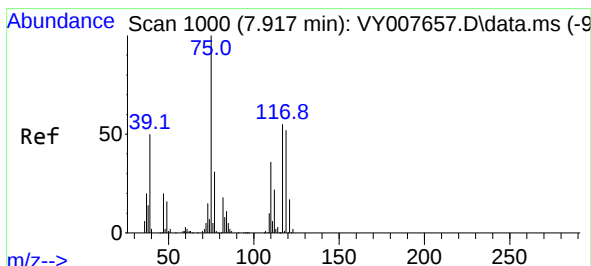
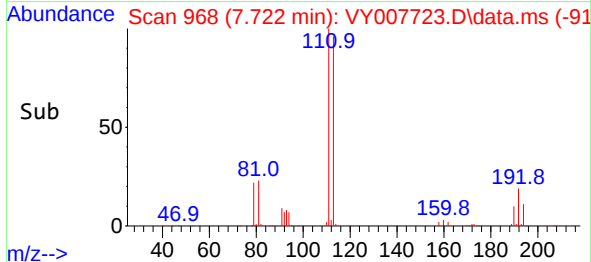
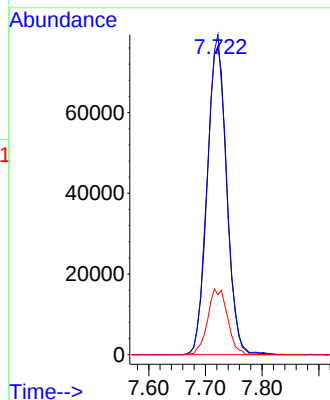


#35
Dibromofluoromethane
Concen: 52.584 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

Instrument :
MSVOA_Y
ClientSampleId :

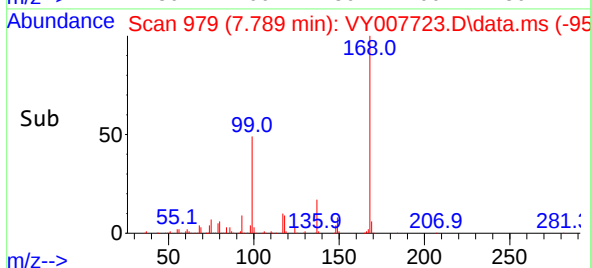
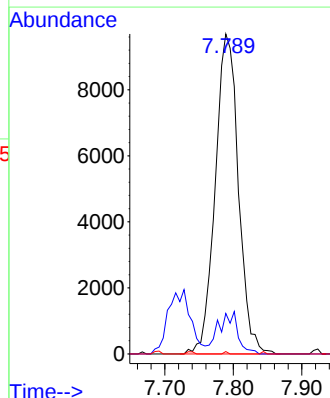
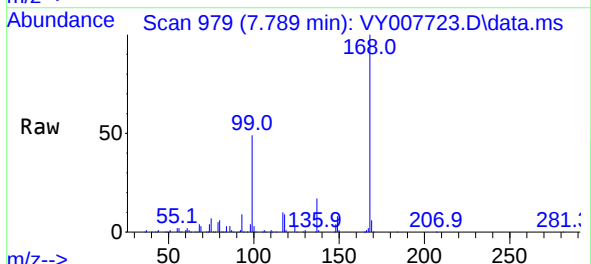


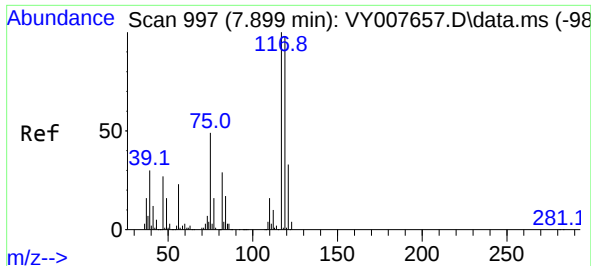
Tgt Ion:113 Resp: 184403
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 21.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.117 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

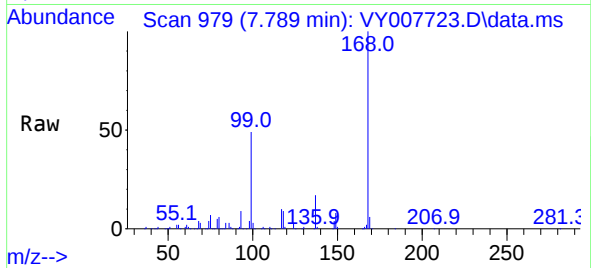
Tgt Ion: 75 Resp: 22713
Ion Ratio Lower Upper
75 100
110 11.1 17.1 51.2#
77 0.1 24.4 36.6#



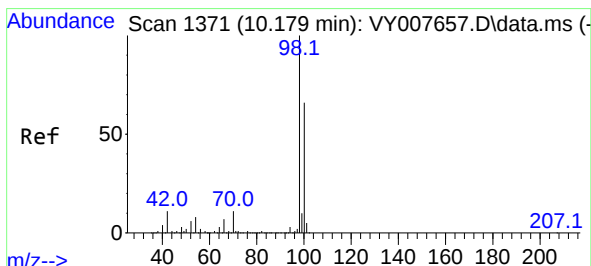
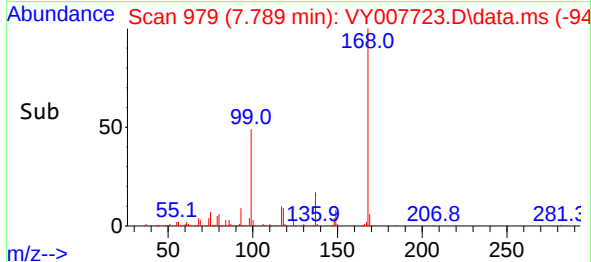
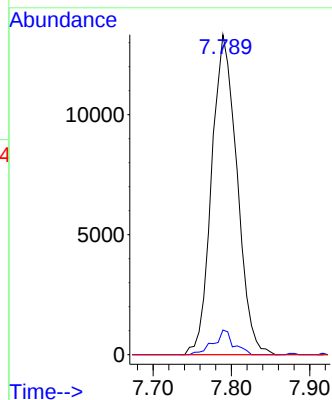


#38
Carbon Tetrachloride
Concen: 5.100 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

Instrument :
MSVOA_Y
ClientSampleId :

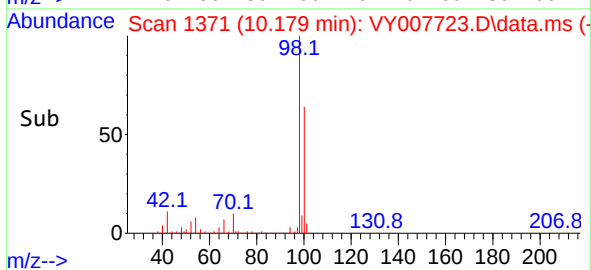
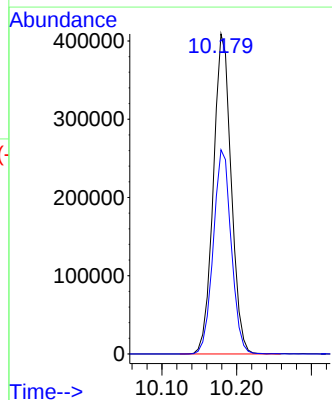
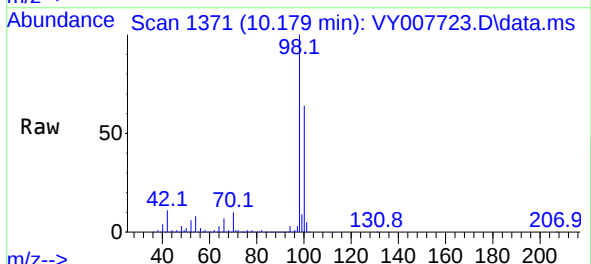


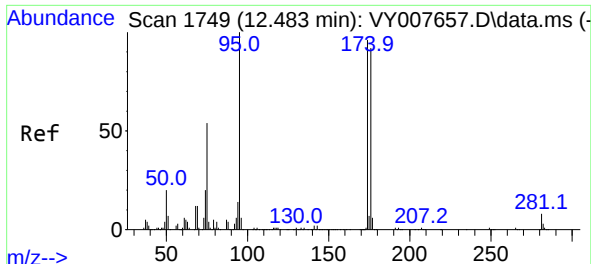
Tgt Ion:117 Resp: 30014
Ion Ratio Lower Upper
117 100
119 7.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.628 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

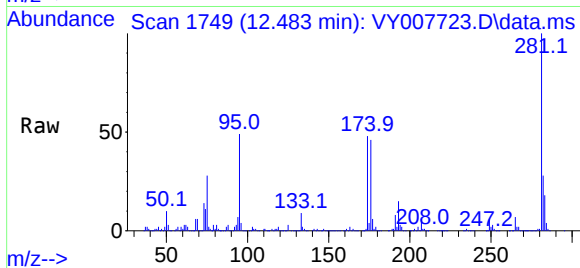
Tgt Ion: 98 Resp: 679372
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



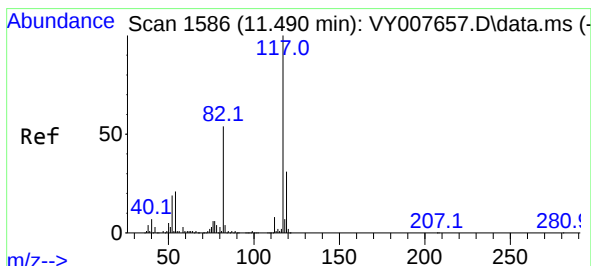
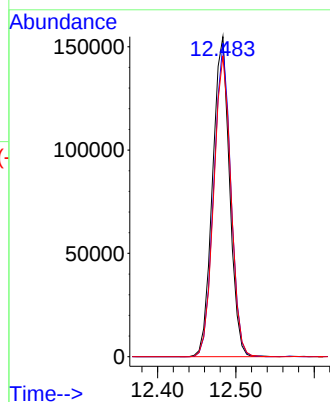
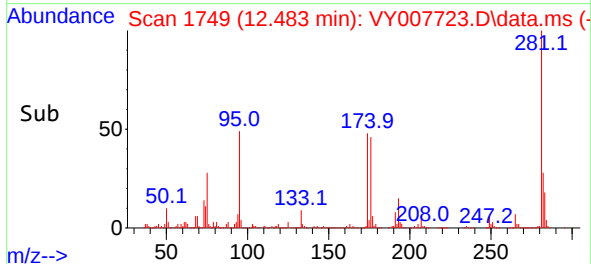


#62
4-Bromofluorobenzene
Concen: 56.070 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

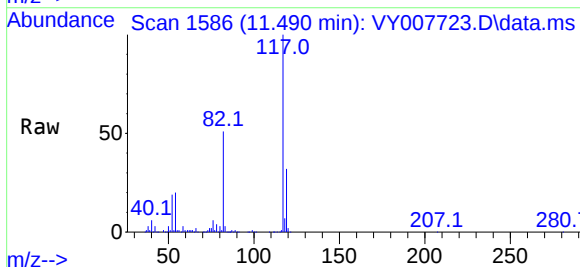
Instrument :
MSVOA_Y
ClientSampleId :



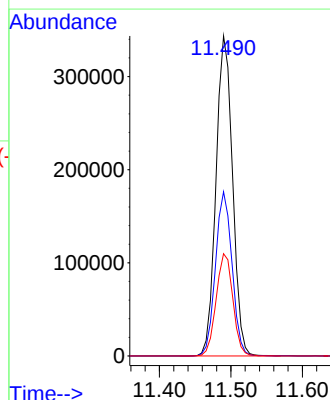
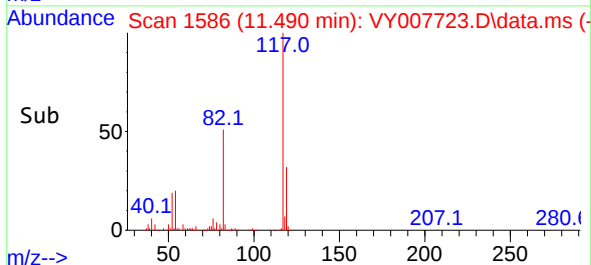
Tgt Ion: 95 Resp: 233315
Ion Ratio Lower Upper
95 100
174 97.3 0.0 177.0
176 95.1 0.0 175.8

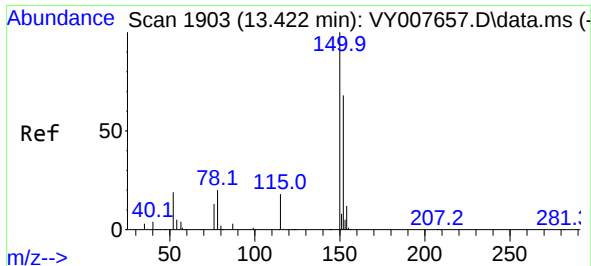


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46



Tgt Ion: 117 Resp: 552807
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 31.9 25.4 38.0

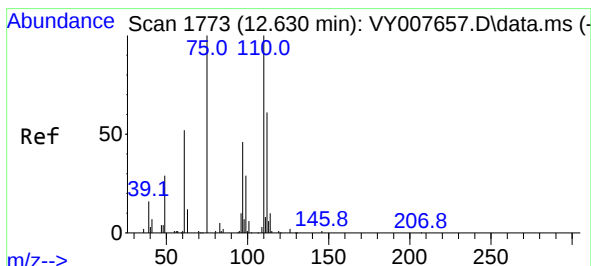
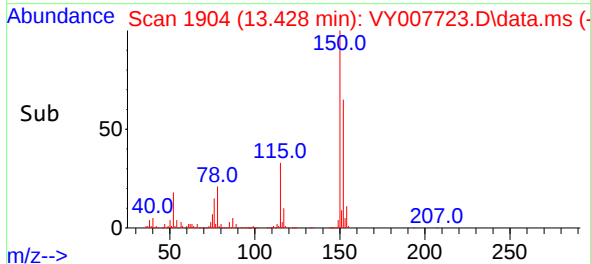
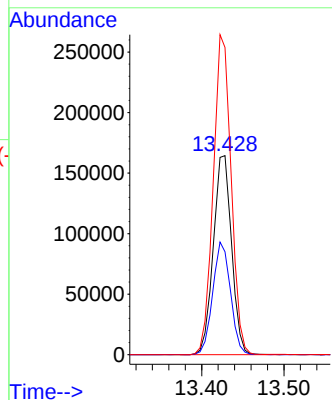
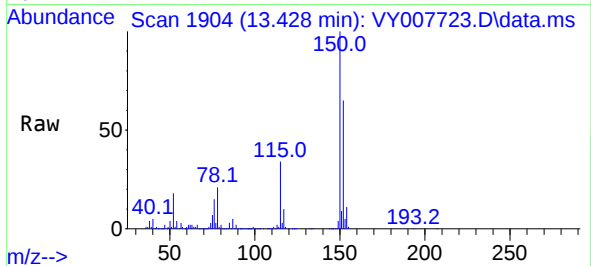




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

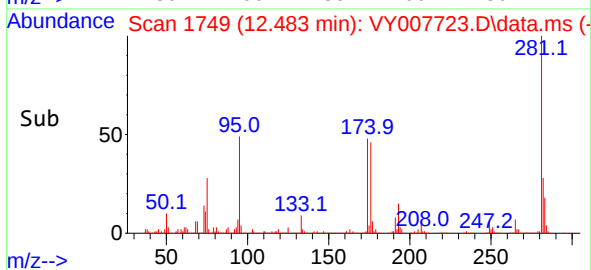
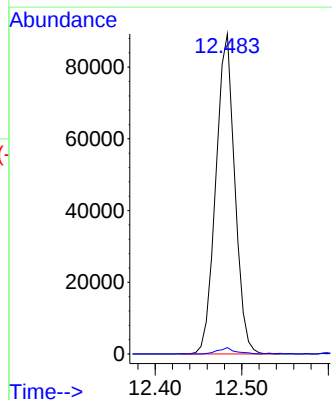
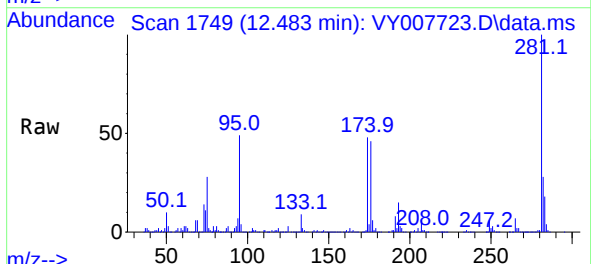
Instrument :
MSVOA_Y
ClientSampleId :

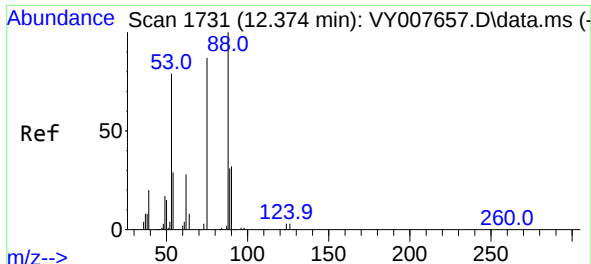
Tgt Ion:152 Resp: 253987
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 157.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.809 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

Tgt Ion: 75 Resp: 135608
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#

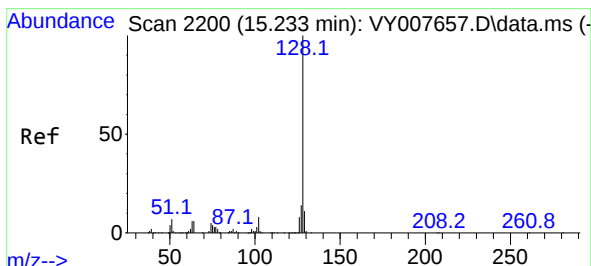
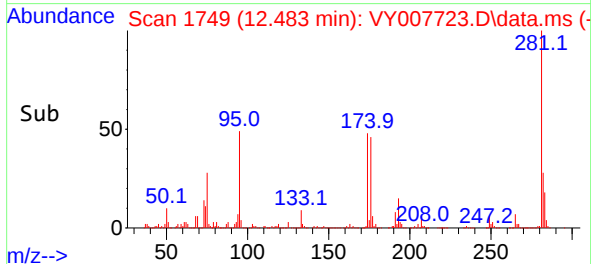
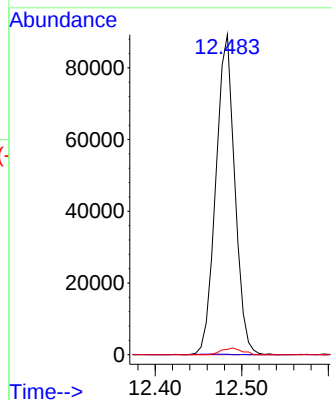
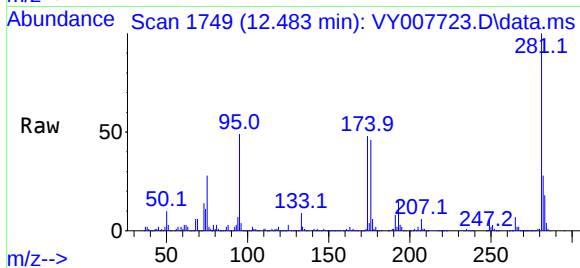




#81
trans-1,4-Dichloro-2-butene
Concen: 97.740 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 135608
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 2.2 37.0 55.4#



#95
Naphthalene
Concen: 1.356 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007723.D
Acq: 03 Mar 2022 23:46

Tgt Ion: 128 Resp: 14069
Ion Ratio Lower Upper
128 100
127 17.6 11.0 16.4#
129 11.6 8.4 12.6

