

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007777.D
 Acq On : 08 Mar 2022 14:07
 Operator : SY/MD
 Sample : N1808-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 09 00:26:27 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)

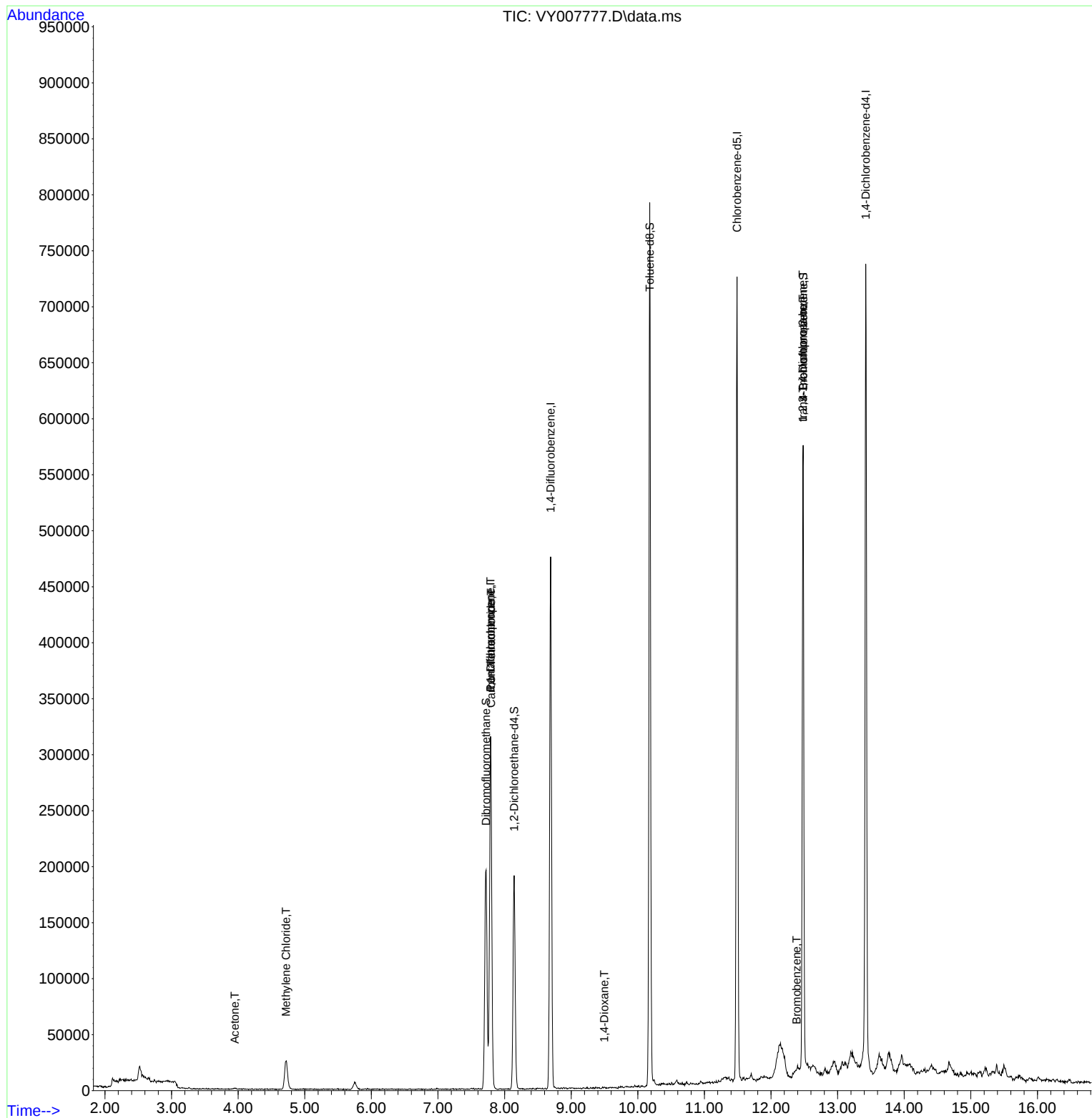
Internal Standards						
1) Pentafluorobenzene	7.789	168	249824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	403415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	377455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	142738	54.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.160%	
35) Dibromofluoromethane	7.722	113	138566	53.725	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.460%	
50) Toluene-d8	10.179	98	495762	52.218	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.440%	
62) 4-Bromofluorobenzene	12.483	95	150985	49.336	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.680%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	72	Below Cal	#	43
3) Chloromethane	2.113	50	3348	Below Cal		95
13) Acrolein	3.735	56	87	Below Cal	#	49
16) Acetone	3.948	43	561	1.054	ug/l #	87
17) Carbon Disulfide	4.210	76	192	Below Cal	#	75
18) Methyl Acetate	4.485	43	79	Below Cal	#	56
20) Methylene Chloride	4.716	84	18944	3.362	ug/l	88
31) Cyclohexane	7.789	56	5982	Below Cal	#	40
36) 1,1-Dichloropropene	7.789	75	18556	4.574	ug/l #	54
38) Carbon Tetrachloride	7.795	117	24712	5.710	ug/l #	16
49) 1,4-Dioxane	9.496	88	27	1.276	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	85950	43.645	ug/l #	100
77) Bromobenzene	12.386	156	4859	1.536	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.477	75	85950	89.227	ug/l #	7

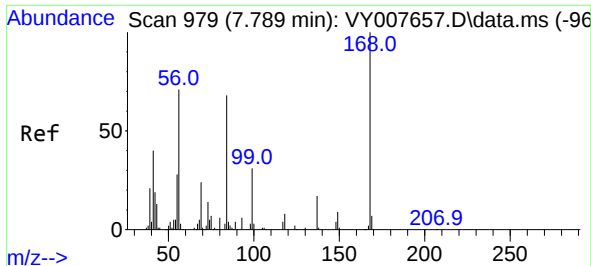
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
Data File : VY007777.D
Acq On : 08 Mar 2022 14:07
Operator : SY/MD
Sample : N1808-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 09 00:26:27 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

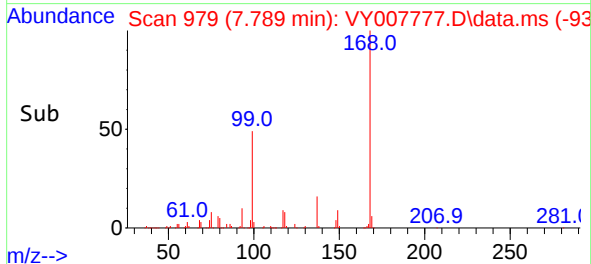
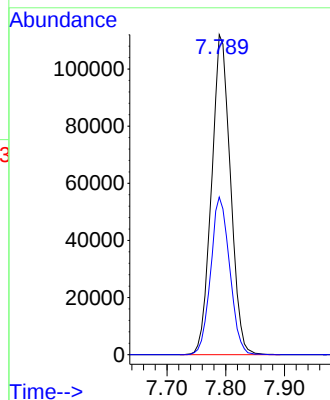
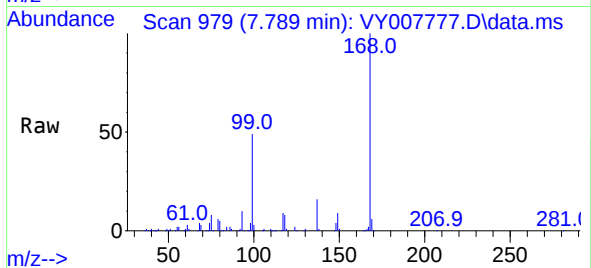




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007777.D
Acq: 08 Mar 2022 14:07

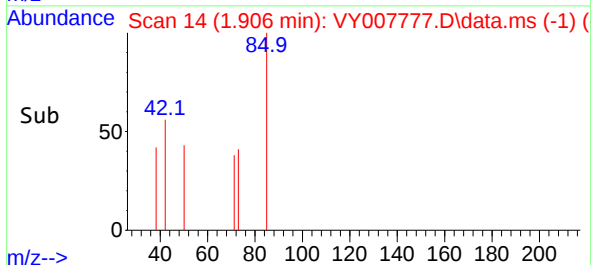
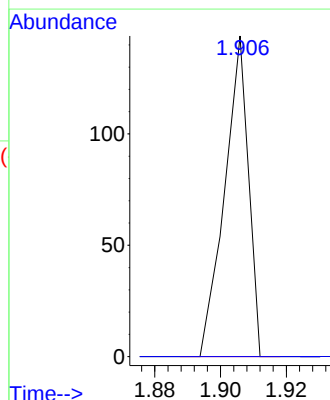
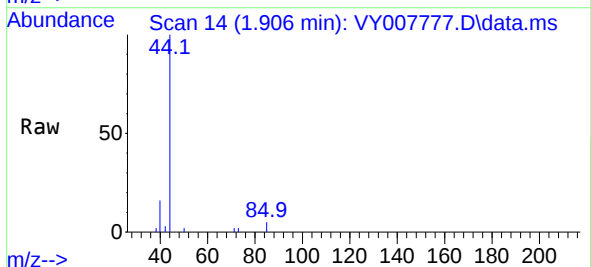
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 249824
Ion Ratio Lower Upper
168 100
99 49.3 46.9 70.3

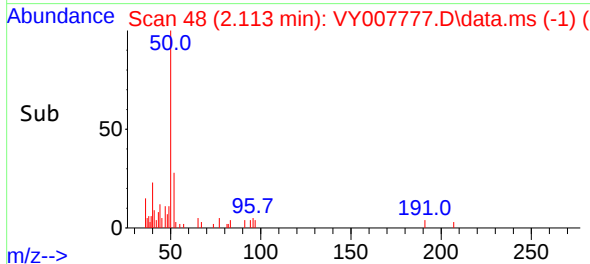
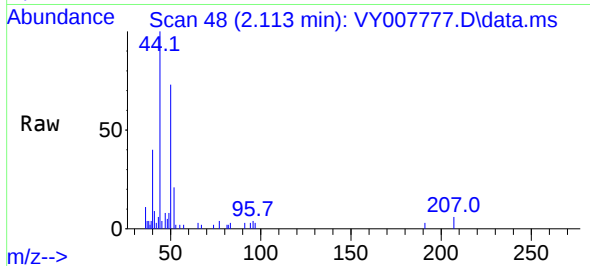
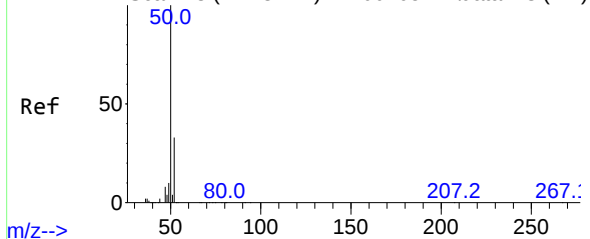


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007777.D
Acq: 08 Mar 2022 14:07

Tgt Ion: 85 Resp: 72
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: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007777.D

Acq: 08 Mar 2022 14:07

Instrument :

MSVOA_Y

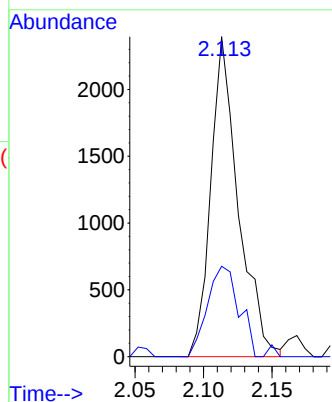
ClientSampleId :

Tgt Ion: 50 Resp: 3348

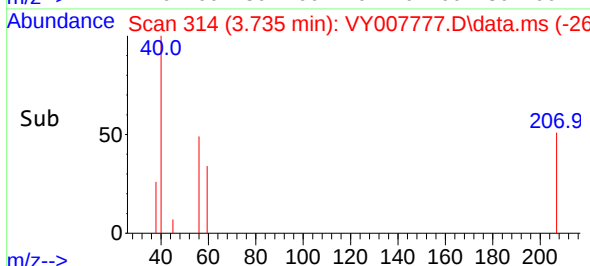
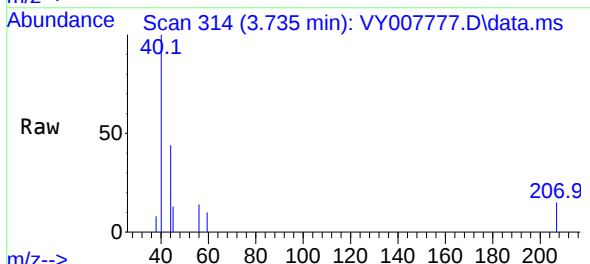
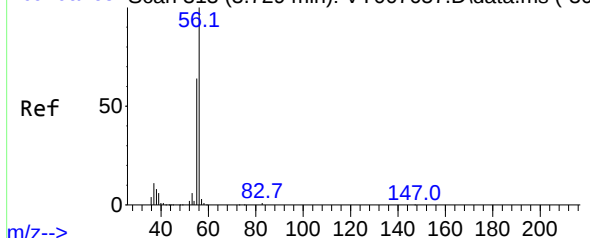
Ion Ratio Lower Upper

50 100

52 28.2 24.6 37.0



Abundance Scan 313 (3.729 min): VY007657.D\data.ms (-30)



#13

Acrolein

Concen: Below Cal

RT: 3.735 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY007777.D

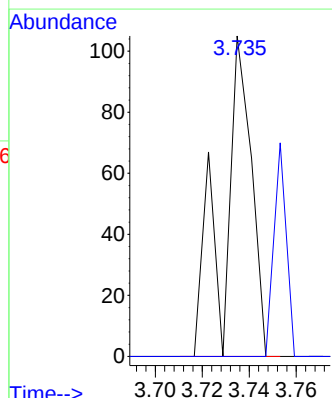
Acq: 08 Mar 2022 14:07

Tgt Ion: 56 Resp: 87

Ion Ratio Lower Upper

56 100

55 29.9 57.6 86.4#

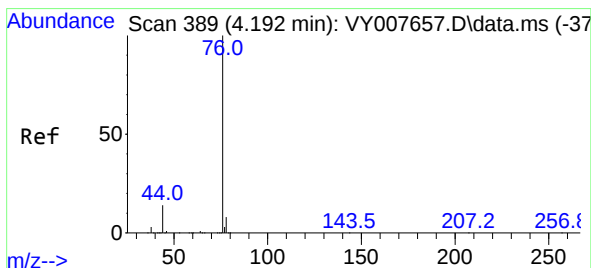
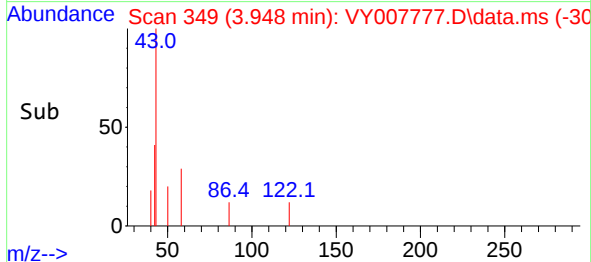
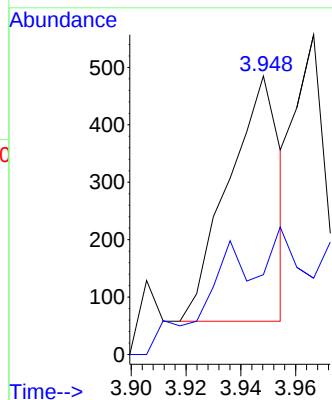
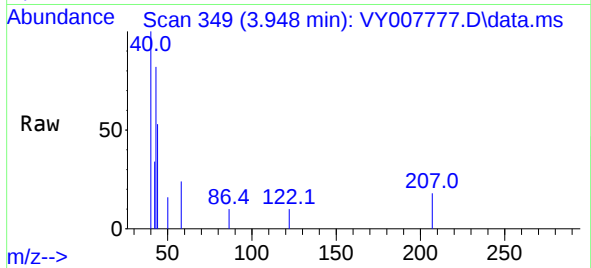




#16
Acetone
Concen: 1.054 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007777.D
Acq: 08 Mar 2022 14:07

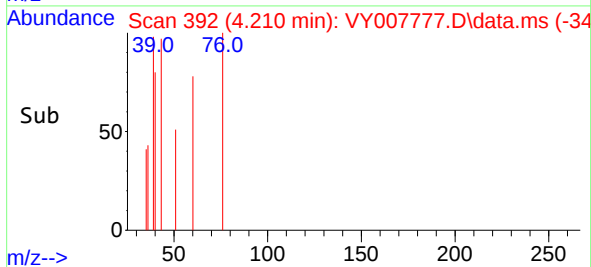
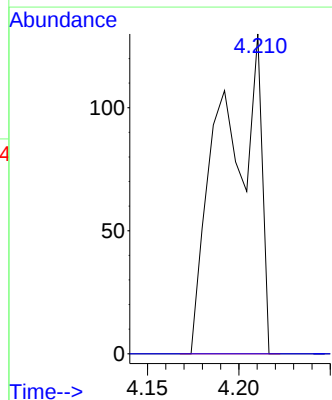
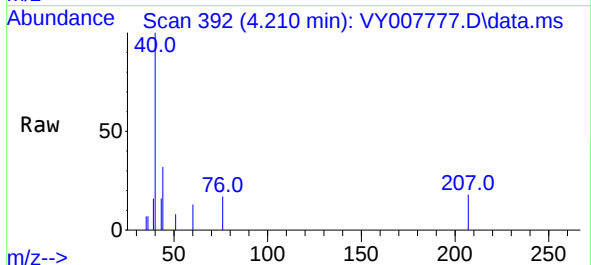
Instrument :
MSVOA_Y
ClientSampleId :

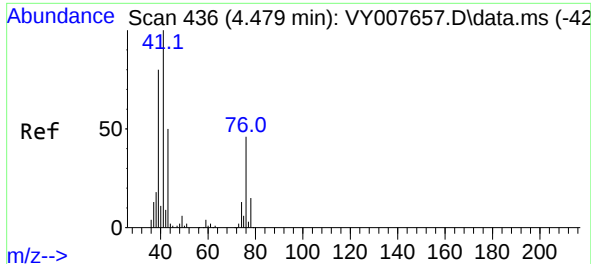
Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
58 20.8 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.210 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY007777.D
Acq: 08 Mar 2022 14:07

Tgt Ion: 76 Resp: 192
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: VY007777.D

Acq: 08 Mar 2022 14:07

Instrument :

MSVOA_Y

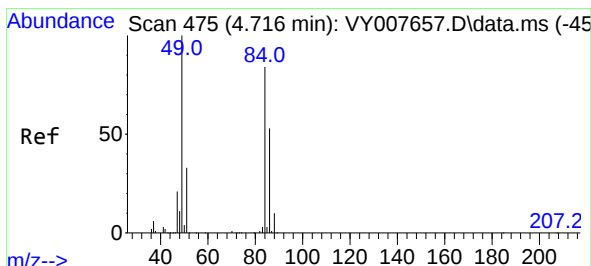
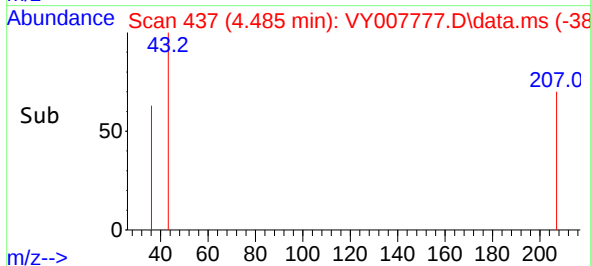
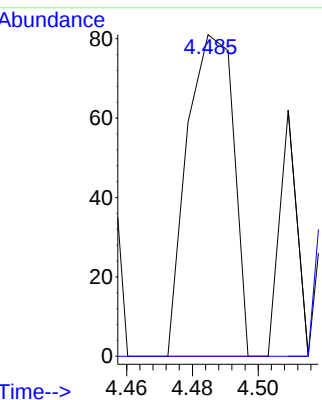
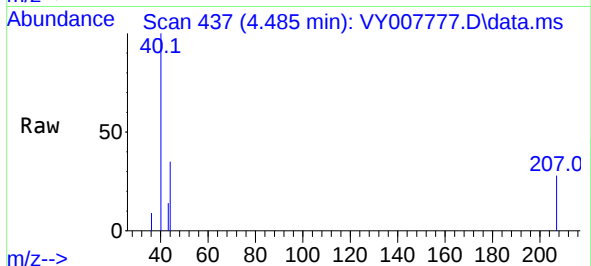
ClientSampleId :

Tgt Ion: 43 Resp: 79

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: 3.362 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY007777.D

Acq: 08 Mar 2022 14:07

Tgt Ion: 84 Resp: 18944

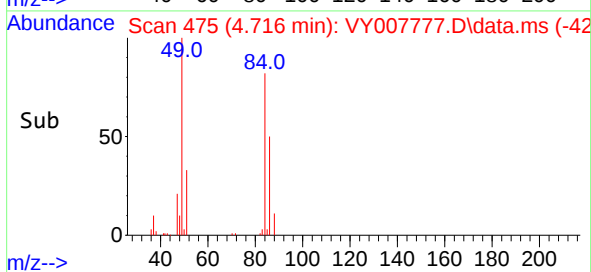
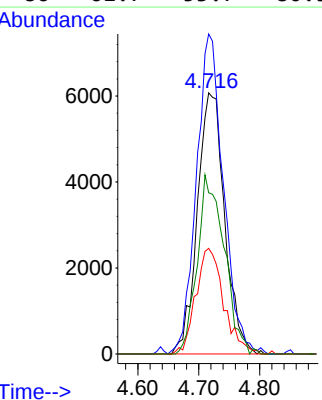
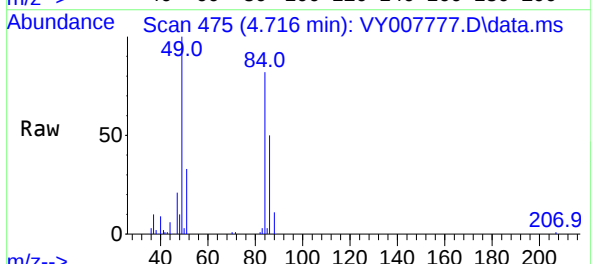
Ion Ratio Lower Upper

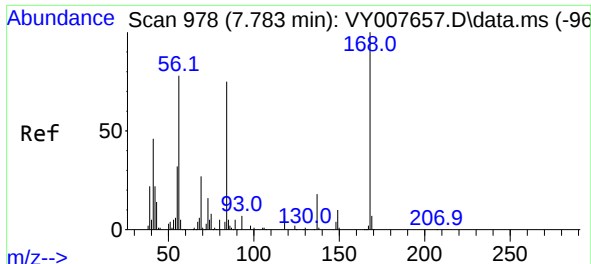
84 100

49 122.6 114.4 171.6

51 40.5 35.3 52.9

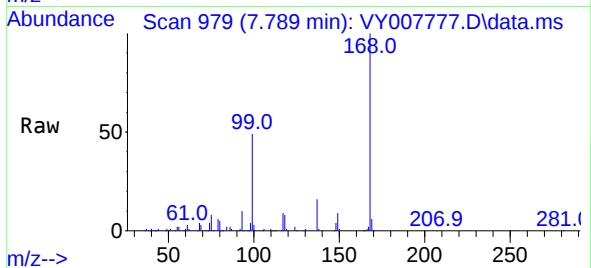
86 61.7 53.7 80.5



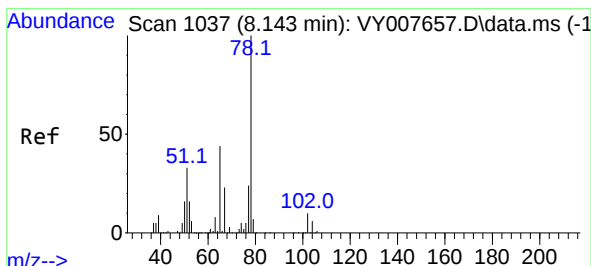
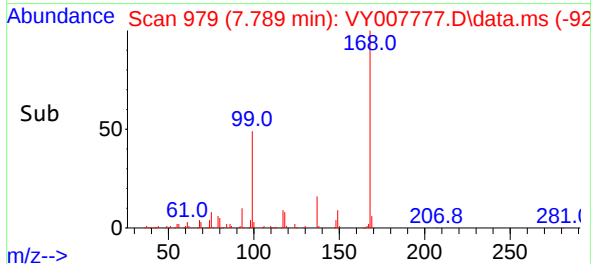
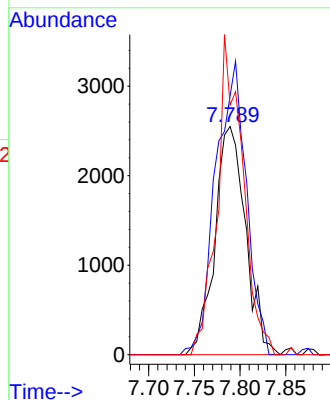


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007777.D
Acq: 08 Mar 2022 14:07

Instrument :
MSVOA_Y
ClientSampleId :

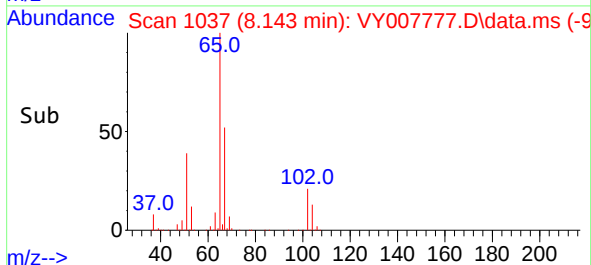
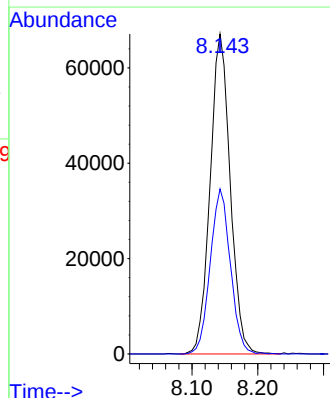
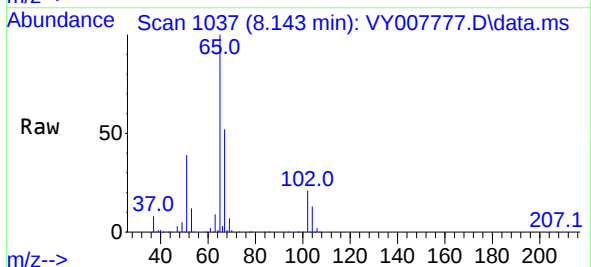


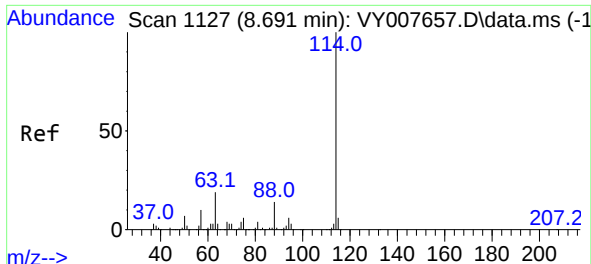
Tgt Ion: 56 Resp: 5982
Ion Ratio Lower Upper
56 100
69 113.5 26.7 40.1#
84 109.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.575 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007777.D
Acq: 08 Mar 2022 14:07

Tgt Ion: 65 Resp: 142738
Ion Ratio Lower Upper
65 100
67 51.8 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: VY007777.D

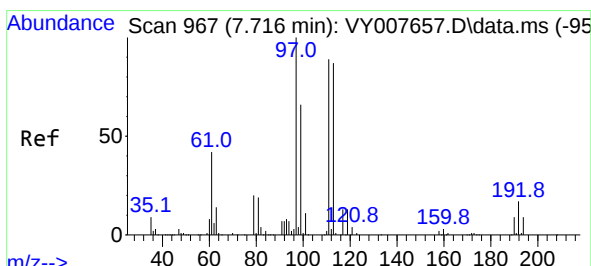
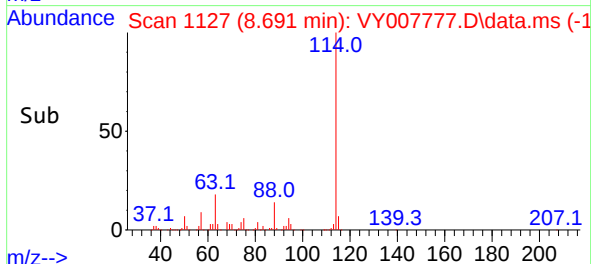
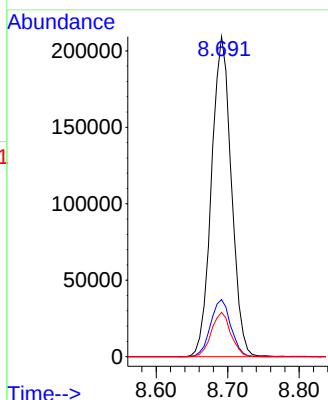
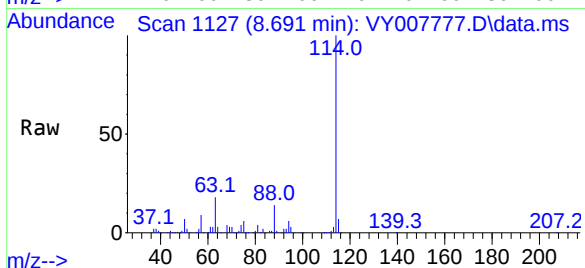
Acq: 08 Mar 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	403415
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	43.2
88	13.9	0.0	31.8



#35

Dibromofluoromethane

Concen: 53.725 ug/l

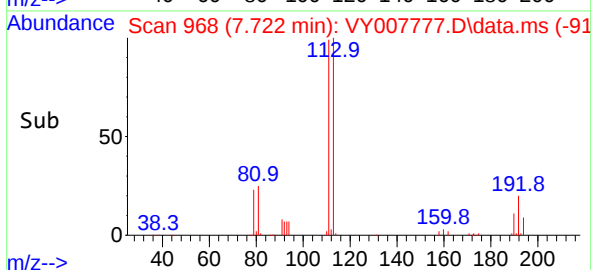
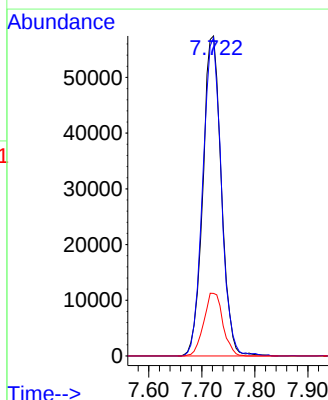
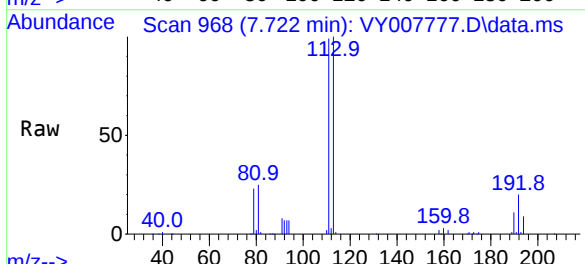
RT: 7.722 min Scan# 968

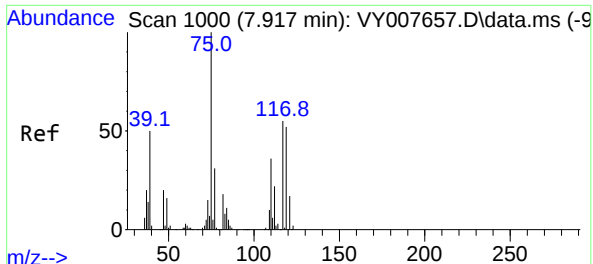
Delta R.T. 0.006 min

Lab File: VY007777.D

Acq: 08 Mar 2022 14:07

Tgt Ion:	113	Resp:	138566
Ion	Ratio	Lower	Upper
113	100		
111	99.7	82.6	124.0
192	20.4	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.574 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007777.D

Acq: 08 Mar 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

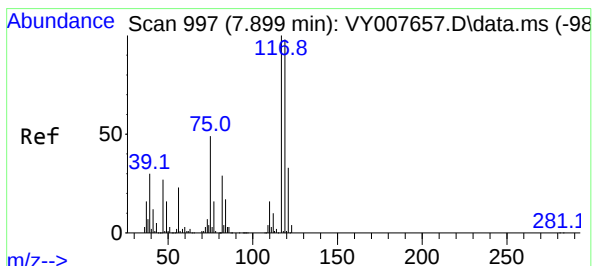
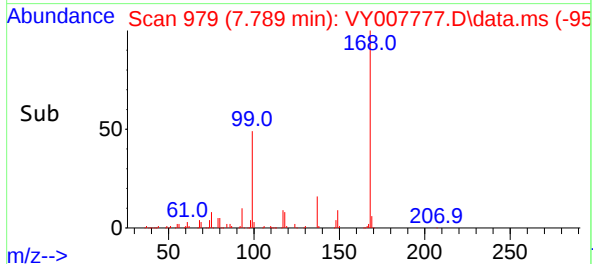
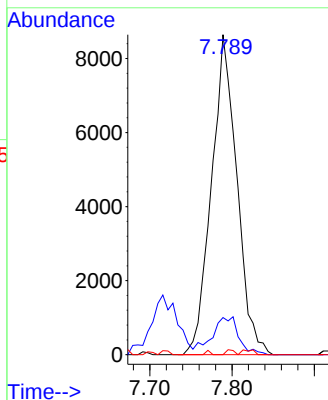
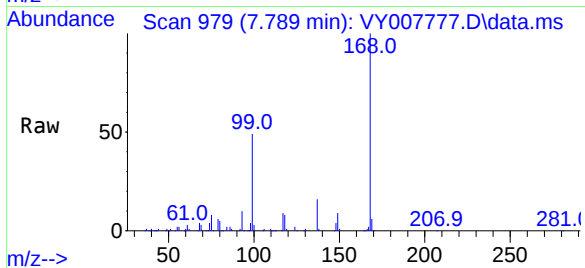
Tgt Ion: 75 Resp: 18556

Ion Ratio Lower Upper

75 100

110 12.5 17.1 51.2#

77 0.5 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.710 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY007777.D

Acq: 08 Mar 2022 14:07

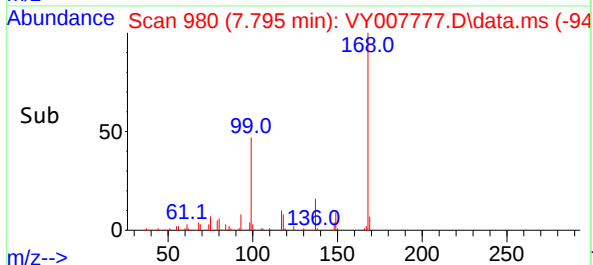
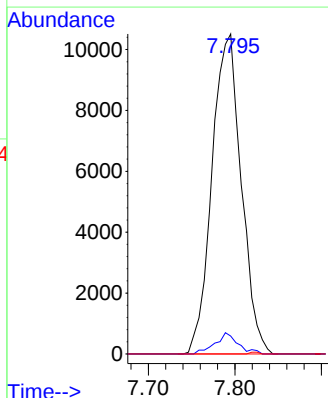
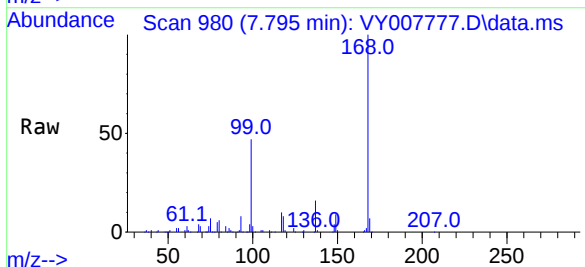
Tgt Ion: 117 Resp: 24712

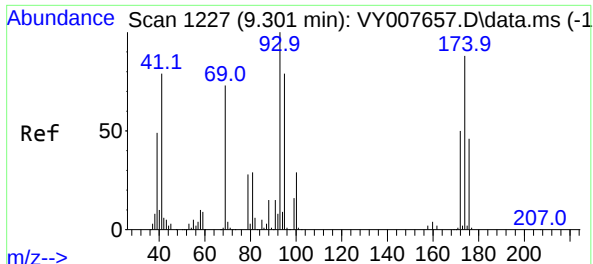
Ion Ratio Lower Upper

117 100

119 5.6 77.9 116.9#

121 0.0 24.8 37.2#





#49

1,4-Dioxane

Concen: 1.276 ug/l

RT: 9.496 min Scan# 1227

Delta R.T. 0.195 min

Lab File: VY007777.D

Acq: 08 Mar 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

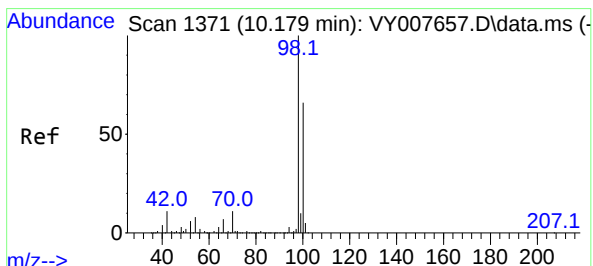
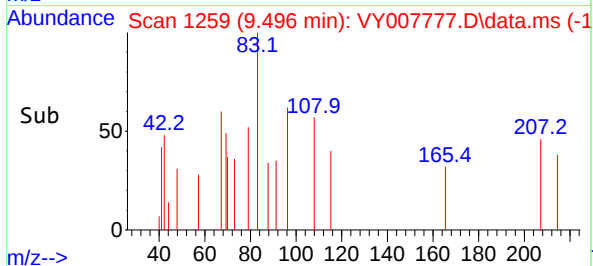
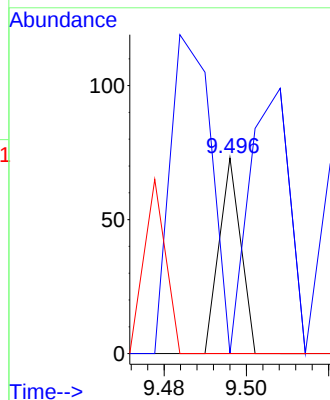
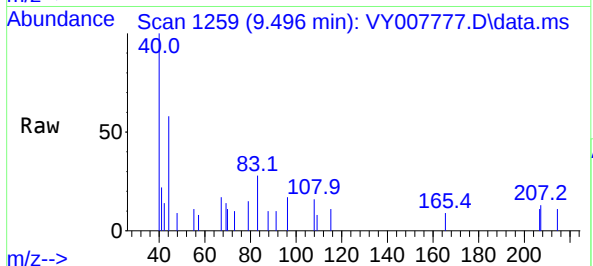
Tgt Ion: 88 Resp: 27

Ion Ratio Lower Upper

88 100

43 248.1 32.8 49.2#

58 0.0 59.8 89.6#



#50

Toluene-d8

Concen: 52.218 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007777.D

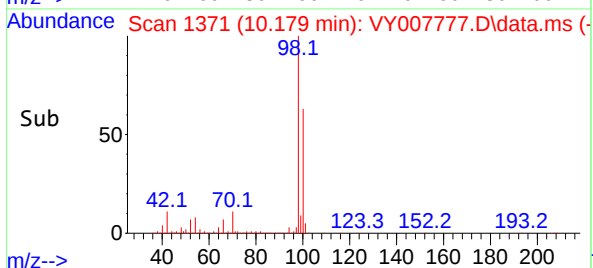
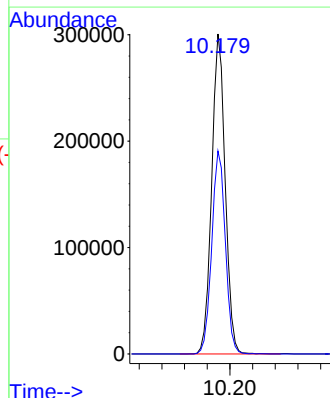
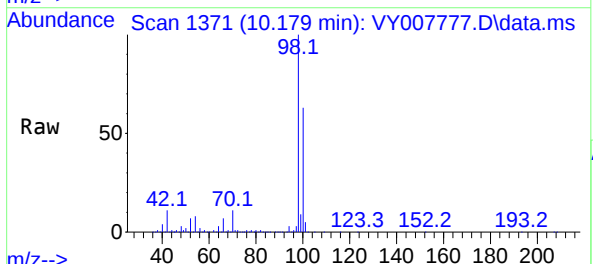
Acq: 08 Mar 2022 14:07

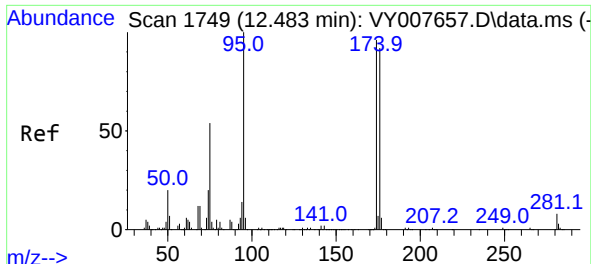
Tgt Ion: 98 Resp: 495762

Ion Ratio Lower Upper

98 100

100 64.0 50.2 75.2

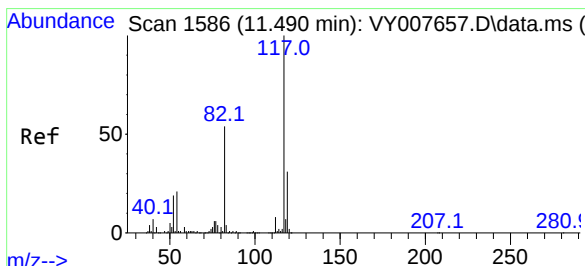
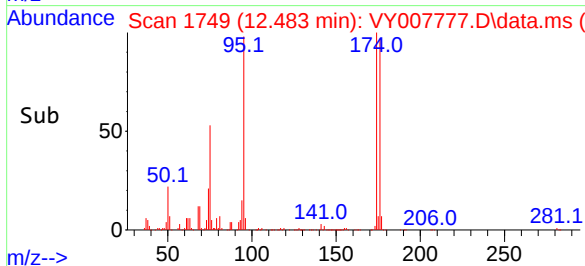
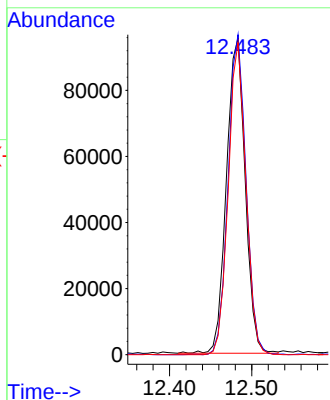
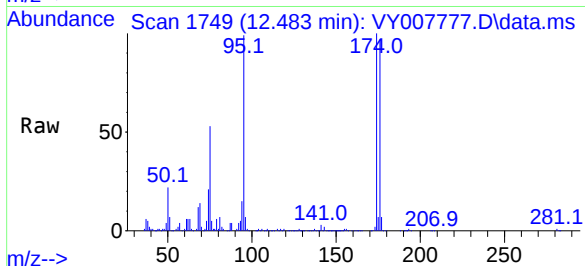




#62
4-Bromofluorobenzene
Concen: 49.336 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007777.D
Acq: 08 Mar 2022 14:07

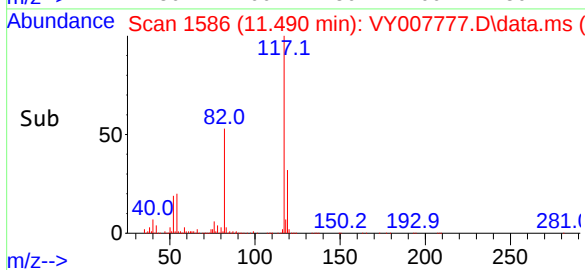
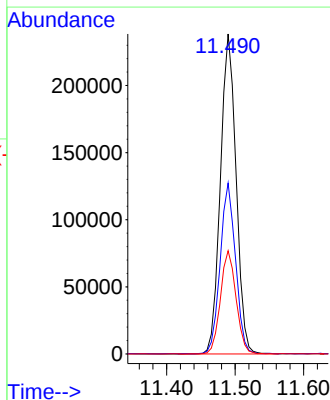
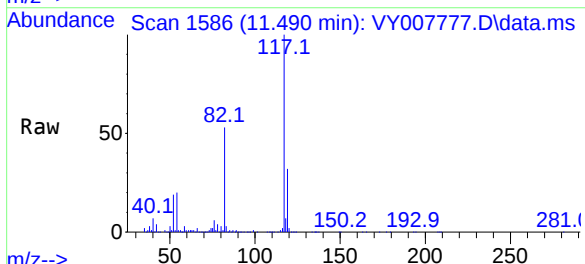
Instrument :
MSVOA_Y
ClientSampleId :

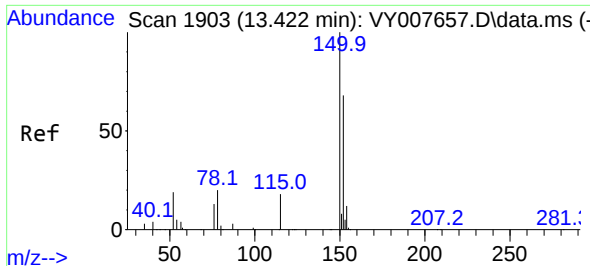
Tgt Ion: 95 Resp: 150985
Ion Ratio Lower Upper
95 100
174 97.3 0.0 177.0
176 93.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007777.D
Acq: 08 Mar 2022 14:07

Tgt Ion: 117 Resp: 377455
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.2 25.4 38.0

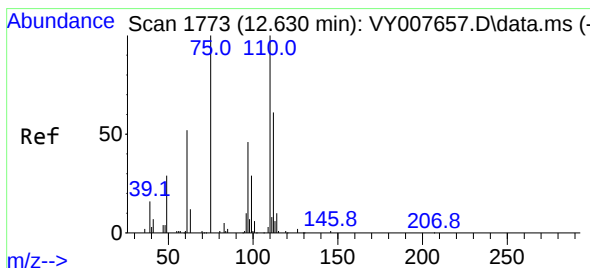
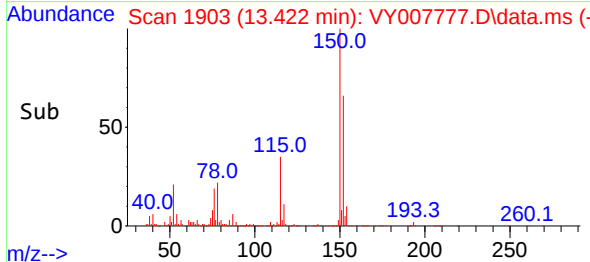
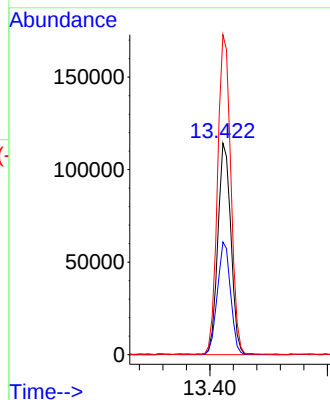
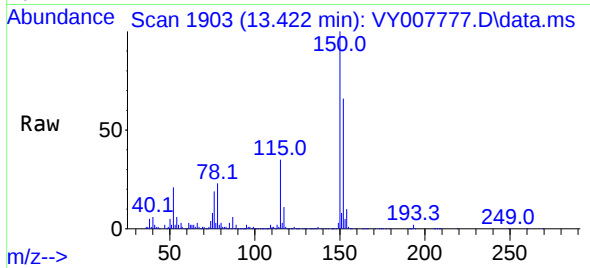




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007777.D
 Acq: 08 Mar 2022 14:07

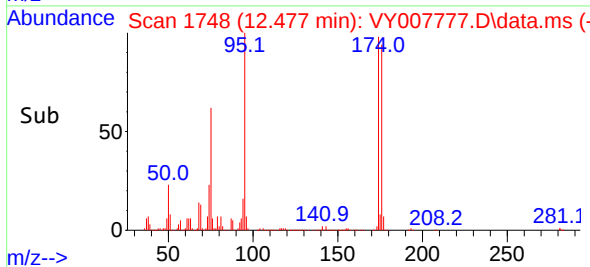
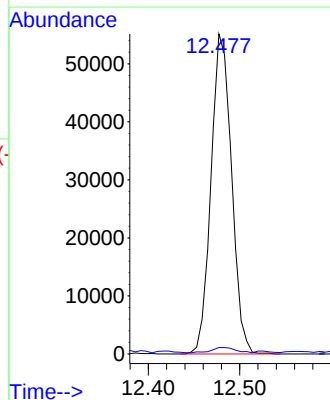
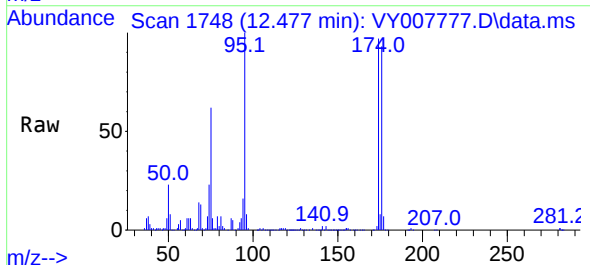
Instrument :
 MSVOA_Y
 ClientSampleId :

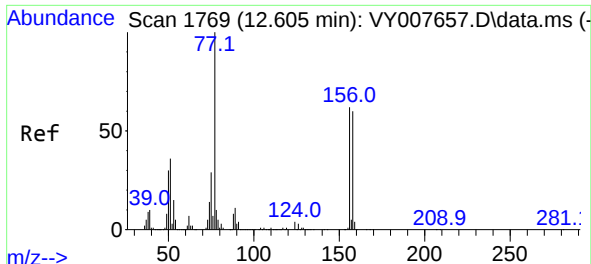
Tgt Ion:152 Resp: 176339
 Ion Ratio Lower Upper
 152 100
 115 53.2 28.2 84.7
 150 152.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.645 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007777.D
 Acq: 08 Mar 2022 14:07

Tgt Ion: 75 Resp: 85950
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#

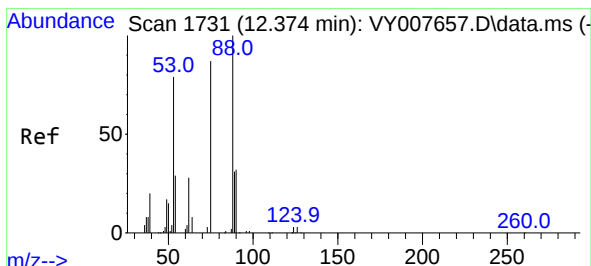
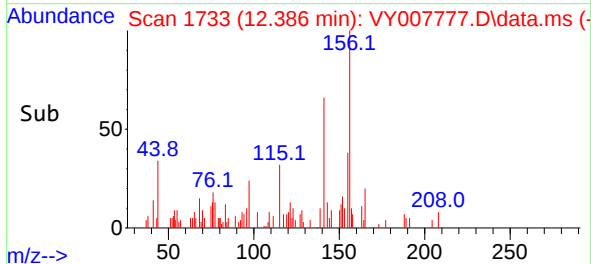
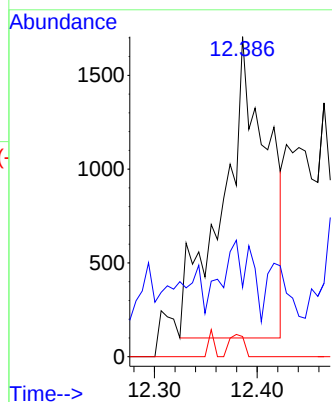
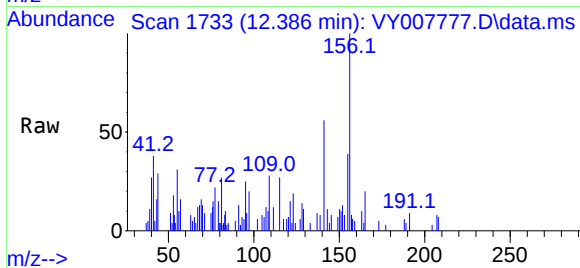




#77
Bromobenzene
Concen: 1.536 ug/l
RT: 12.386 min Scan# 1748
Delta R.T. -0.219 min
Lab File: VY007777.D
Acq: 08 Mar 2022 14:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 4859
Ion Ratio Lower Upper
156 100
77 17.4 95.5 286.4#
158 2.4 48.0 144.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.227 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY007777.D
Acq: 08 Mar 2022 14:07

Tgt Ion: 75 Resp: 85950
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.0 37.0 55.4#

