

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030722\
 Data File : VY007769.D
 Acq On : 07 Mar 2022 20:15
 Operator : SY/MD
 Sample : N1806-03
 Misc : 4.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 08 03:05:08 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)

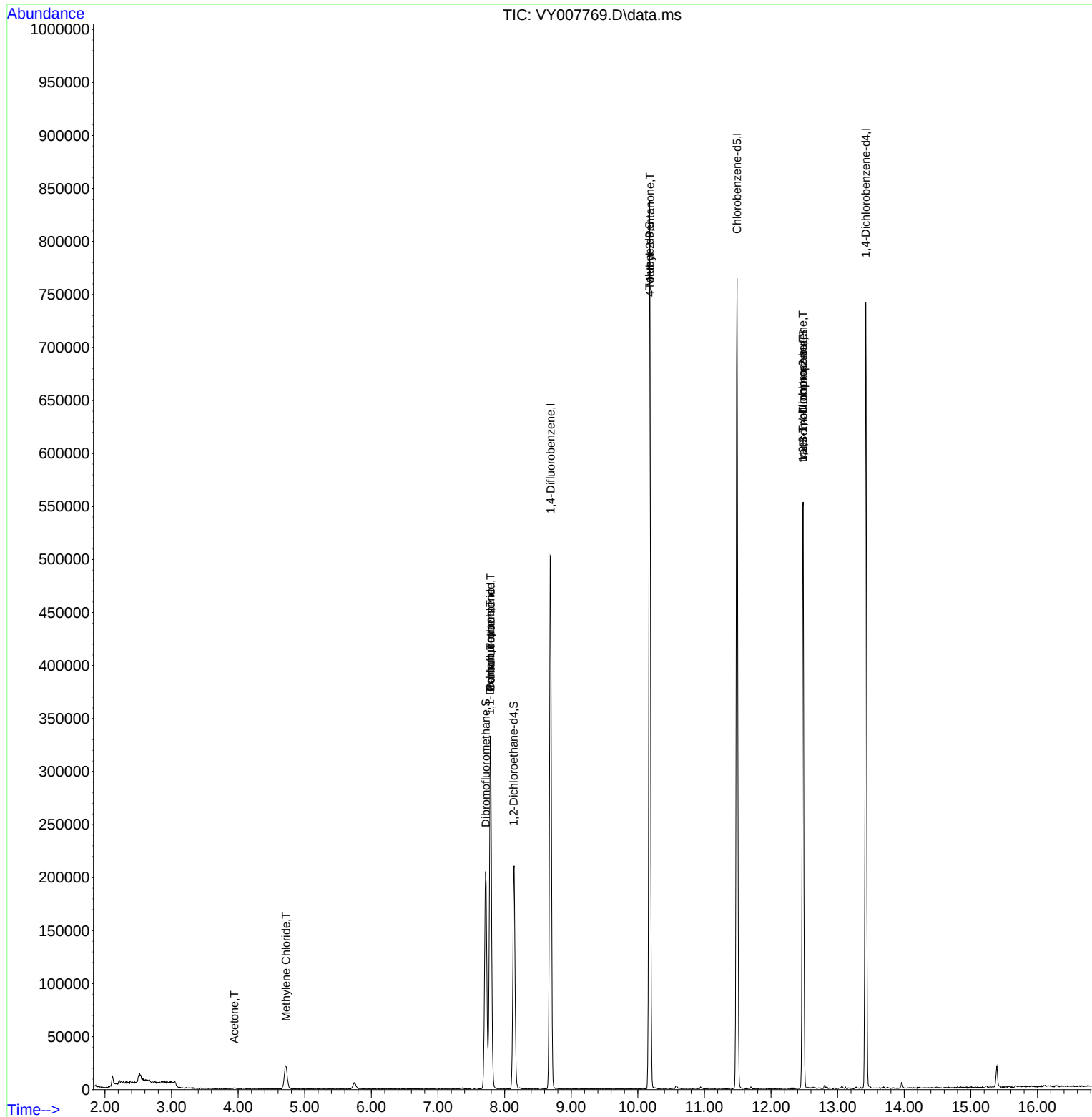
Internal Standards						
1) Pentafluorobenzene	7.789	168	249993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	426145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	390172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	163693	62.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.100%
35) Dibromofluoromethane	7.716	113	141113	51.794	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.580%
50) Toluene-d8	10.179	98	529048	52.752	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.500%
62) 4-Bromofluorobenzene	12.483	95	158170	48.927	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.860%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	59	Below Cal	#	43
3) Chloromethane	2.113	50	6791	Below Cal		90
13) Acrolein	3.698	56	22	Below Cal	#	14
16) Acetone	3.942	43	679	1.275	ug/l #	76
17) Carbon Disulfide	4.229	76	66	Below Cal	#	75
18) Methyl Acetate	4.466	43	33	Below Cal	#	56
20) Methylene Chloride	4.716	84	16186	2.175	ug/l #	90
31) Cyclohexane	7.789	56	6528	Below Cal	#	35
36) 1,1-Dichloropropene	7.783	75	21244	4.957	ug/l #	51
38) Carbon Tetrachloride	7.789	117	24337	5.323	ug/l #	14
51) 4-Methyl-2-Pentanone	10.185	43	2742	1.171	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	90940	46.862	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	90940	95.802	ug/l #	7

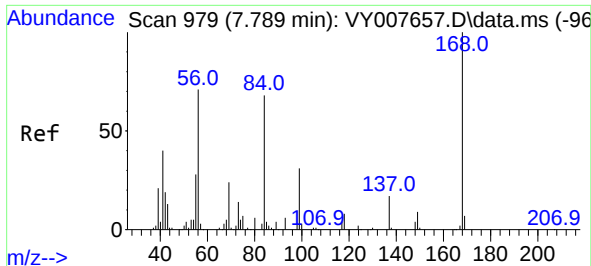
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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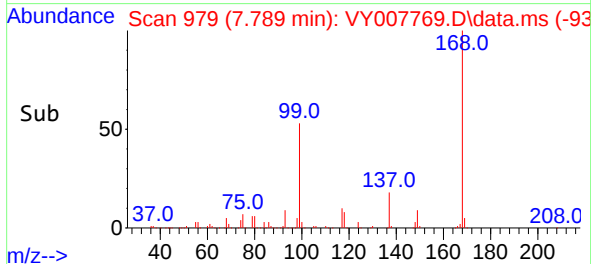
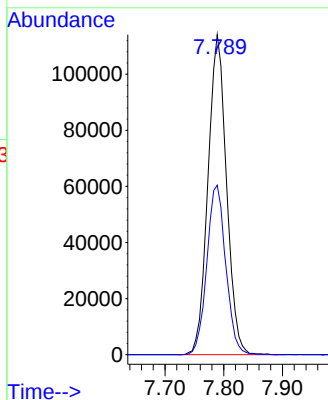
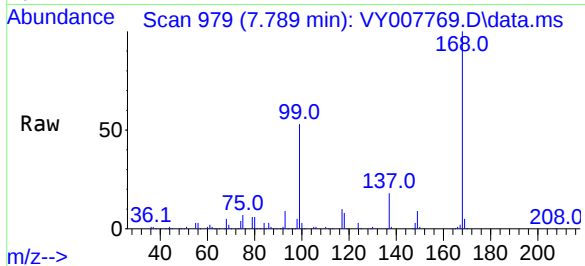




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007769.D
Acq: 07 Mar 2022 20:15

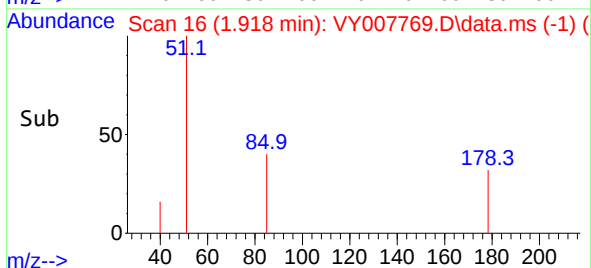
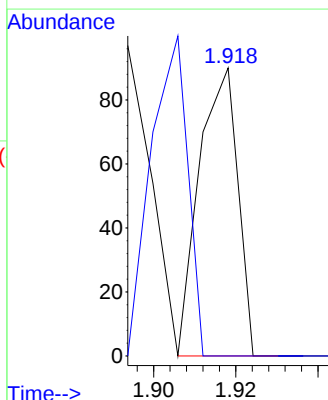
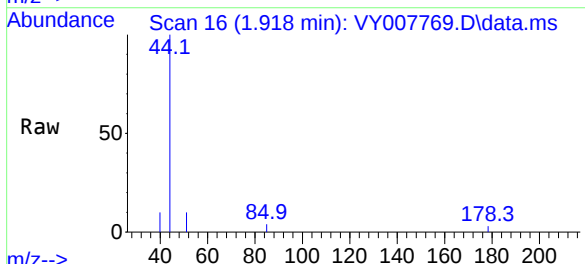
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 249993
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3

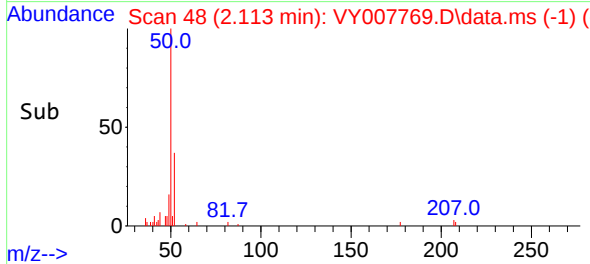
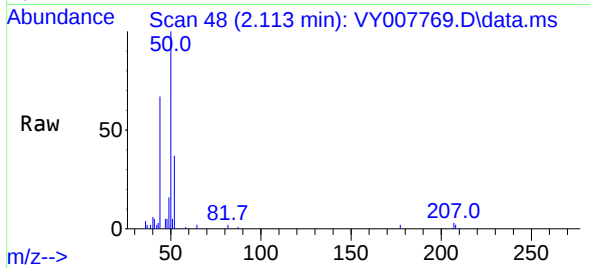
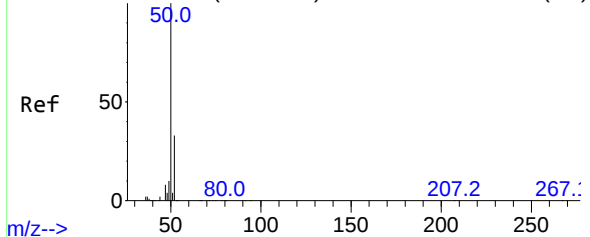


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY007769.D
Acq: 07 Mar 2022 20:15

Tgt Ion: 85 Resp: 59
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: VY007769.D

Acq: 07 Mar 2022 20:15

Instrument :

MSVOA_Y

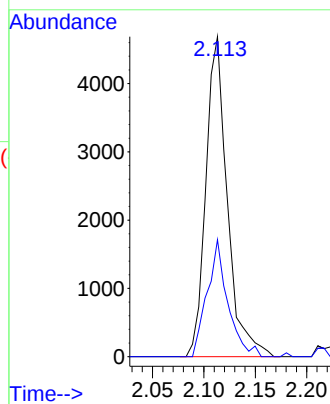
ClientSampleId :

Tgt Ion: 50 Resp: 6791

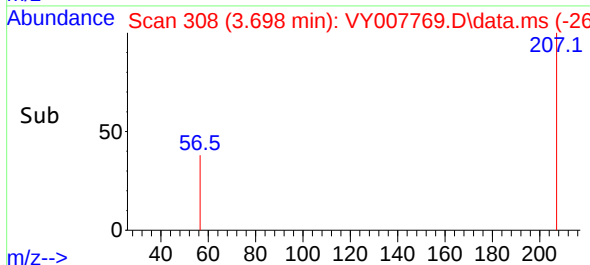
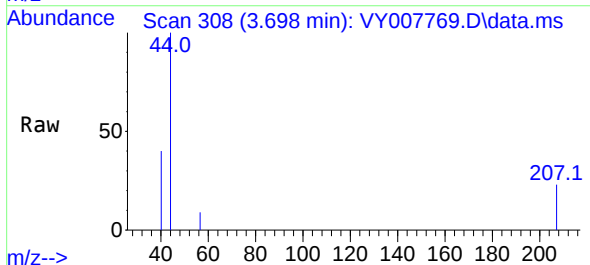
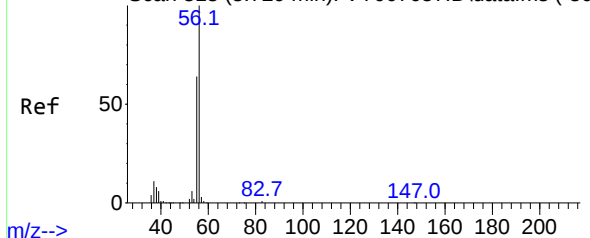
Ion Ratio Lower Upper

50 100

52 36.5 24.6 37.0



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



#13

Acrolein

Concen: Below Cal

RT: 3.698 min Scan# 308

Delta R.T. -0.031 min

Lab File: VY007769.D

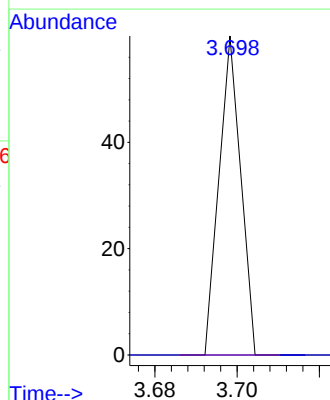
Acq: 07 Mar 2022 20:15

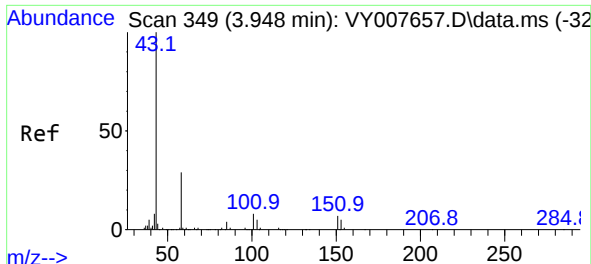
Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#

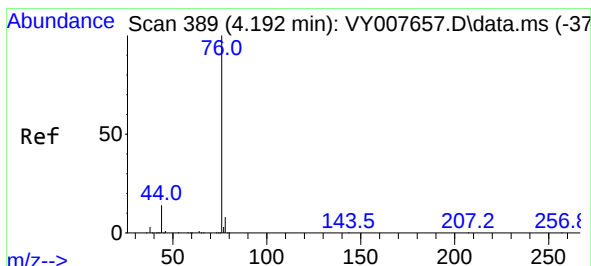
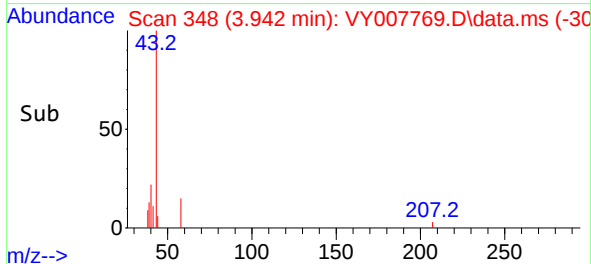
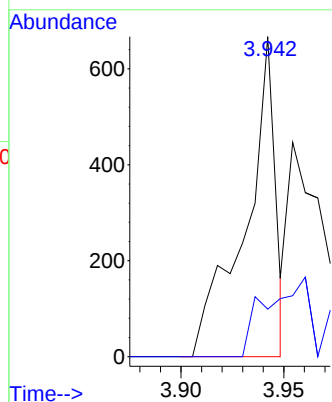
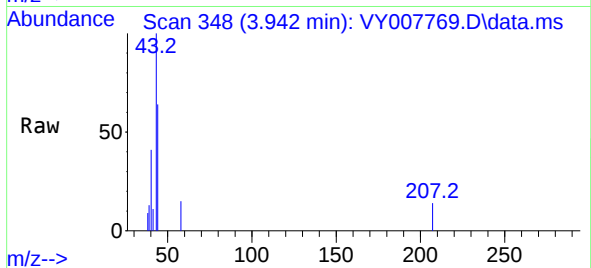




#16
Acetone
Concen: 1.275 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY007769.D
Acq: 07 Mar 2022 20:15

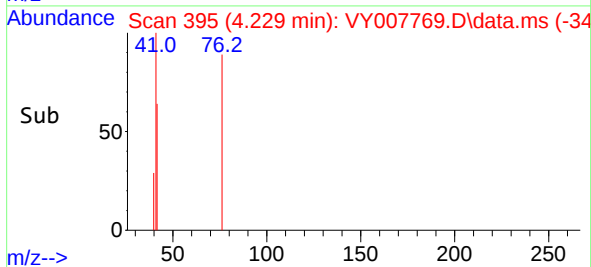
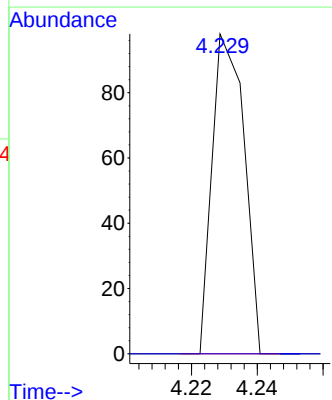
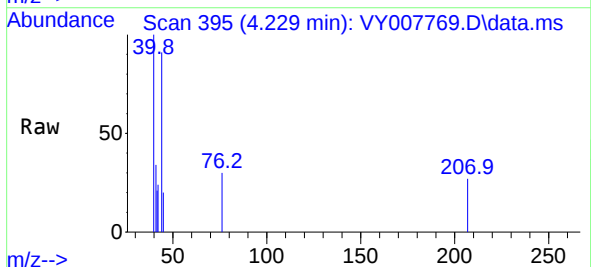
Instrument :
MSVOA_Y
ClientSampleId :

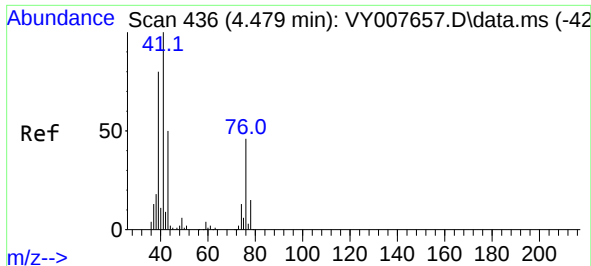
Tgt Ion: 43 Resp: 679
Ion Ratio Lower Upper
43 100
58 14.8 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.229 min Scan# 395
Delta R.T. 0.037 min
Lab File: VY007769.D
Acq: 07 Mar 2022 20:15

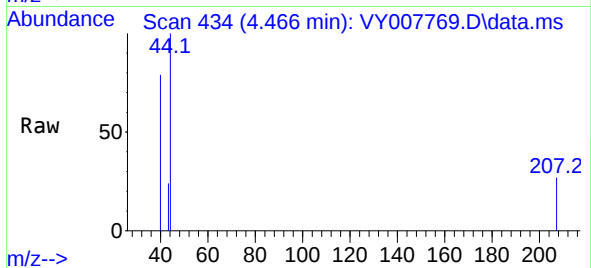
Tgt Ion: 76 Resp: 66
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



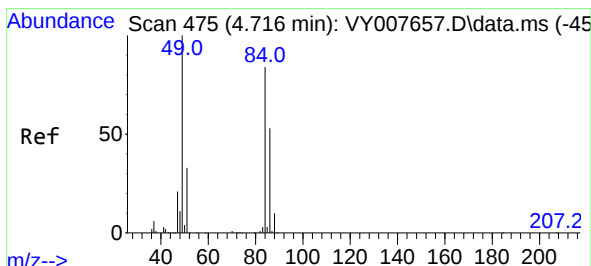
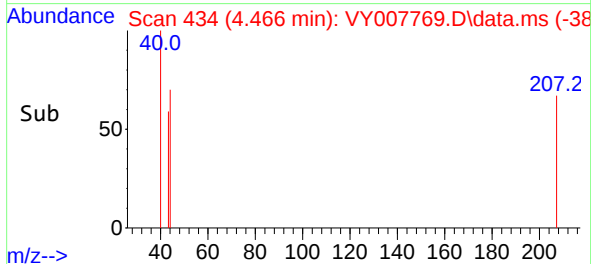
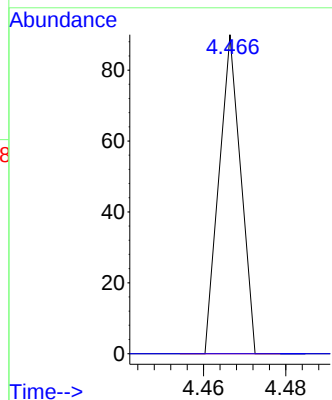


#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY007769.D
Acq: 07 Mar 2022 20:15

Instrument :
MSVOA_Y
ClientSampleId :

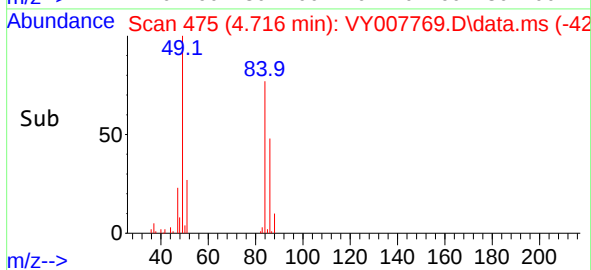
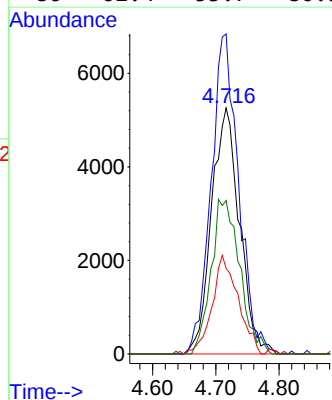
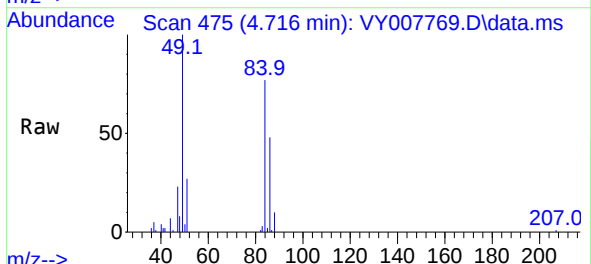


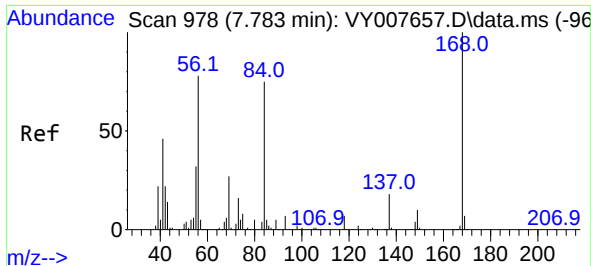
Tgt Ion: 43 Resp: 33
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 2.175 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007769.D
Acq: 07 Mar 2022 20:15

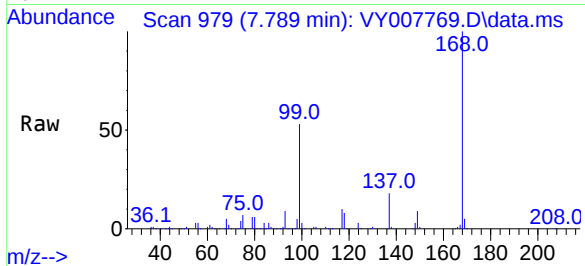
Tgt Ion: 84 Resp: 16186
Ion Ratio Lower Upper
84 100
49 130.1 114.4 171.6
51 34.8 35.3 52.9#
86 62.4 53.7 80.5



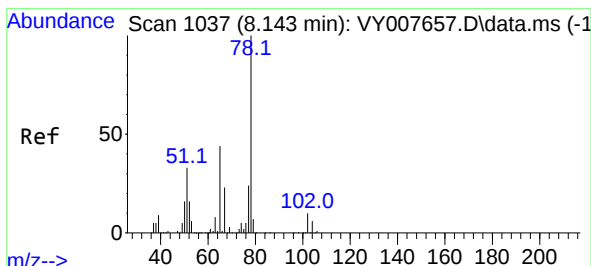
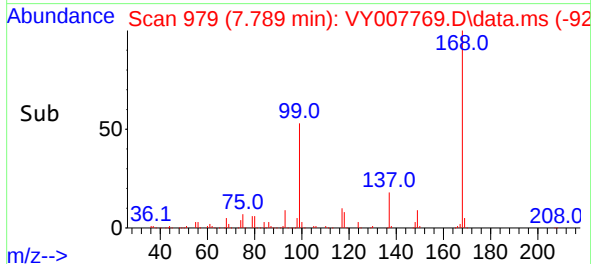
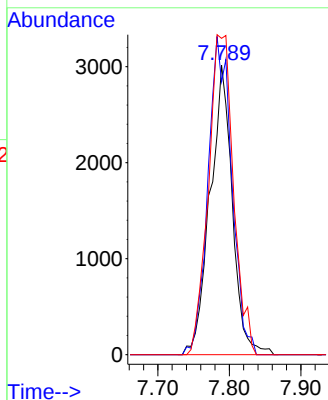


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007769.D
Acq: 07 Mar 2022 20:15

Instrument :
MSVOA_Y
ClientSampleId :

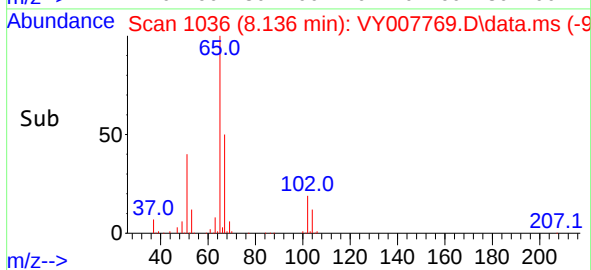
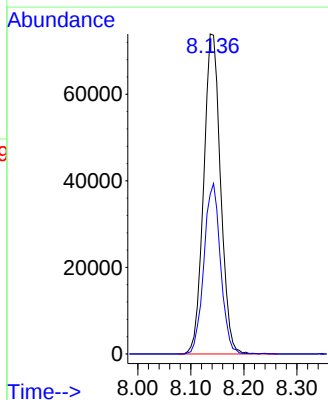
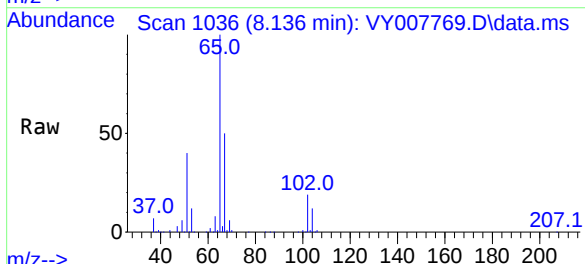


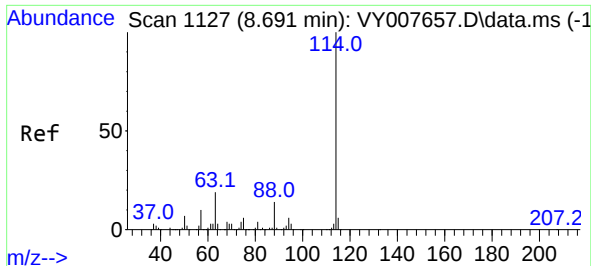
Tgt Ion: 56 Resp: 6528
Ion Ratio Lower Upper
56 100
69 94.2 26.7 40.1#
84 127.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.545 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY007769.D
Acq: 07 Mar 2022 20:15

Tgt Ion: 65 Resp: 163693
Ion Ratio Lower Upper
65 100
67 52.3 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: VY007769.D

Acq: 07 Mar 2022 20:15

Instrument :

MSVOA_Y

ClientSampleId :

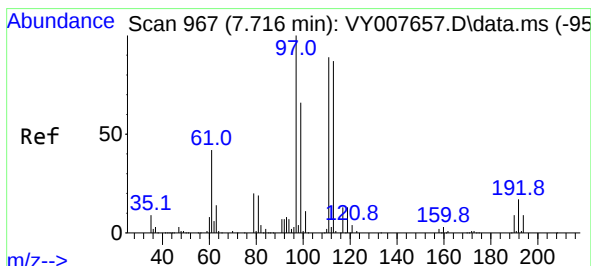
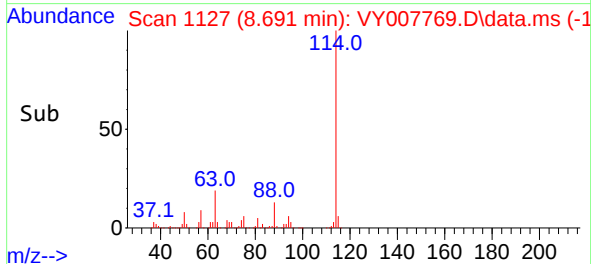
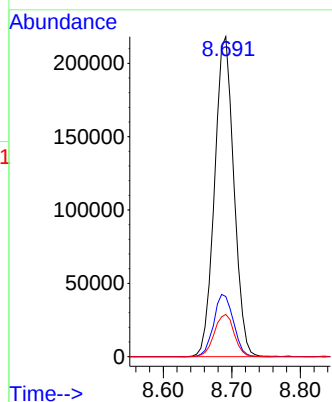
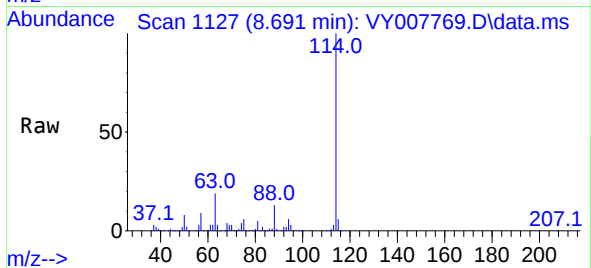
Tgt Ion:114 Resp: 426145

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.794 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007769.D

Acq: 07 Mar 2022 20:15

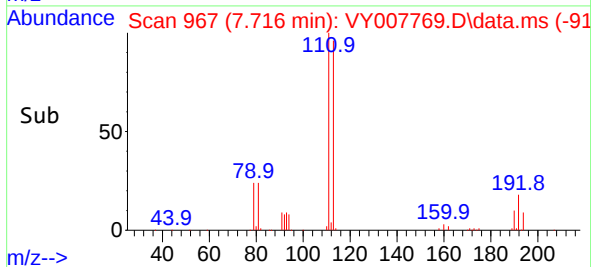
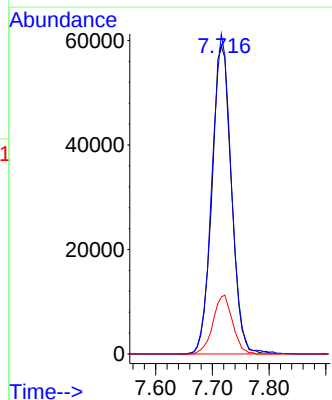
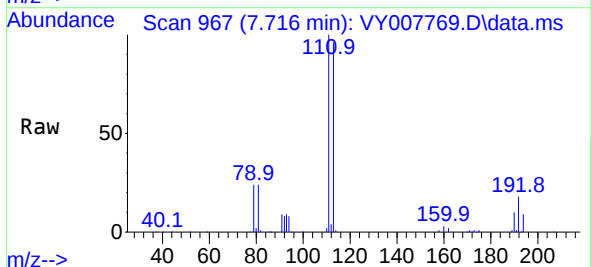
Tgt Ion:113 Resp: 141113

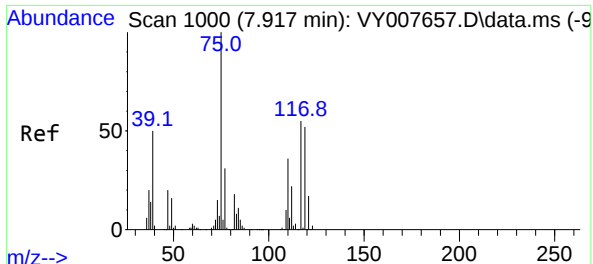
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.957 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

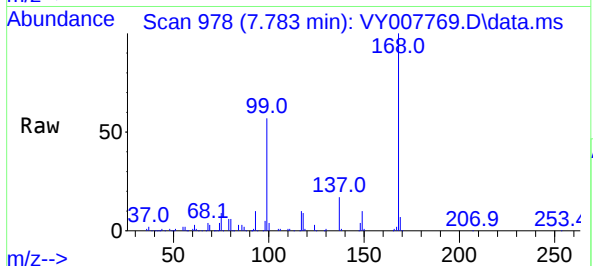
Lab File: VY007769.D

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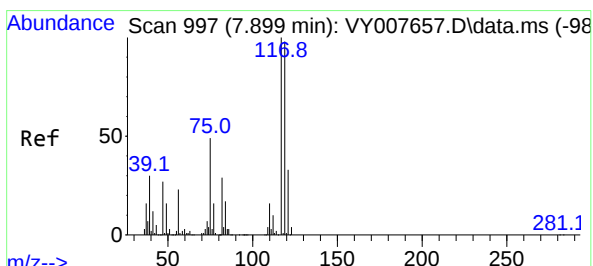
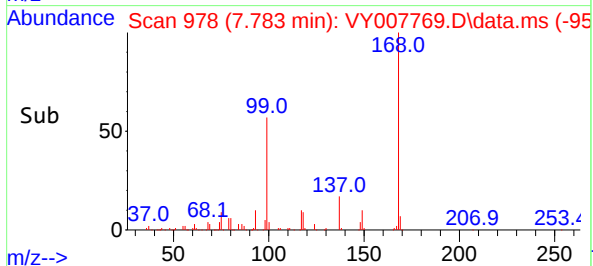
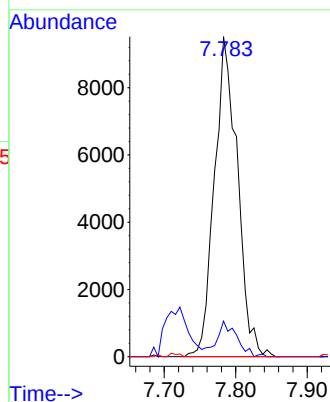
Tgt Ion: 75 Resp: 21244

Ion Ratio Lower Upper

75 100

110 9.4 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.323 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007769.D

Acq: 07 Mar 2022 20:15

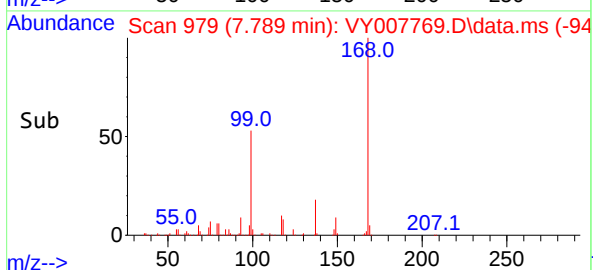
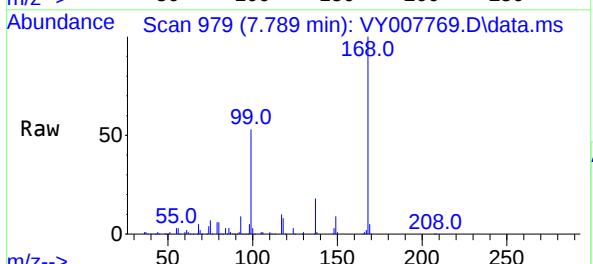
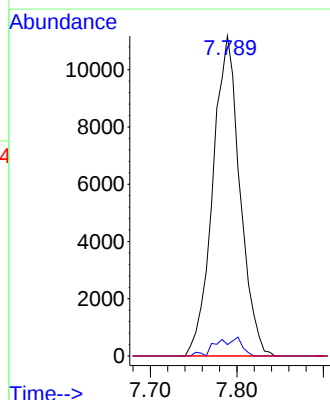
Tgt Ion: 117 Resp: 24337

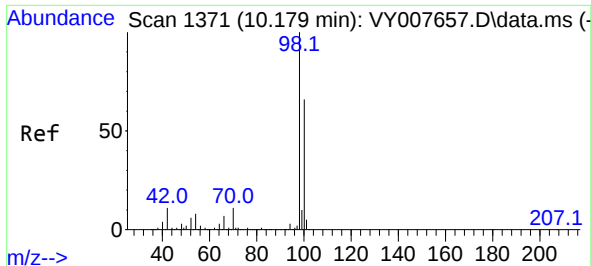
Ion Ratio Lower Upper

117 100

119 3.6 77.9 116.9#

121 0.0 24.8 37.2#

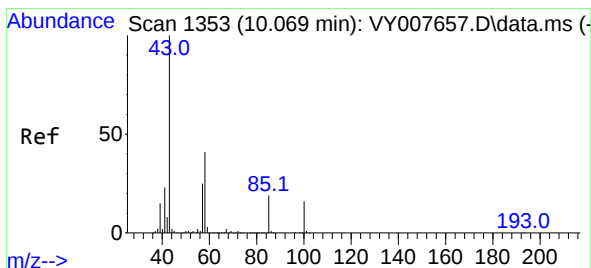
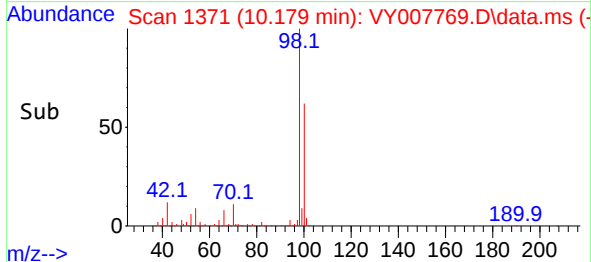
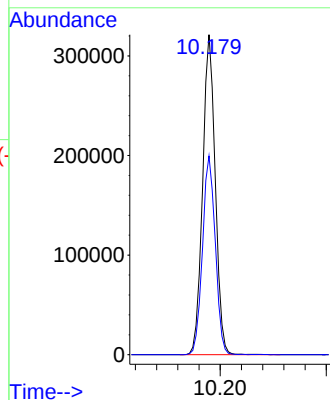
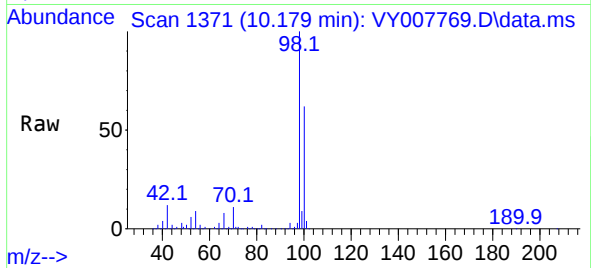




#50
Toluene-d8
Concen: 52.752 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007769.D
Acq: 07 Mar 2022 20:15

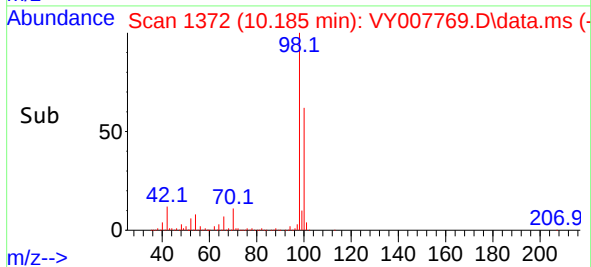
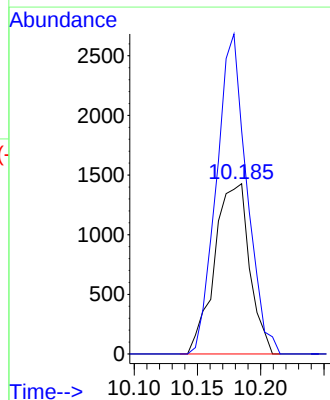
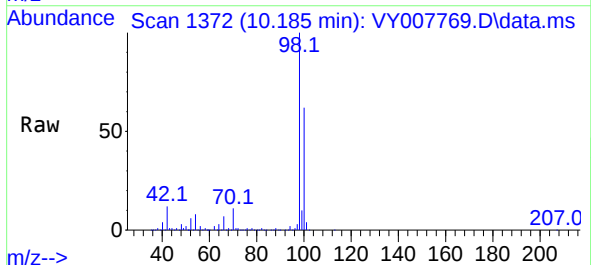
Instrument :
MSVOA_Y
ClientSampleId :

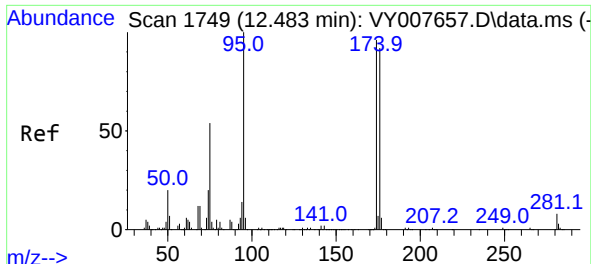
Tgt Ion: 98 Resp: 529048
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.171 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.116 min
Lab File: VY007769.D
Acq: 07 Mar 2022 20:15

Tgt Ion: 43 Resp: 2742
Ion Ratio Lower Upper
43 100
58 163.0 28.1 42.1#

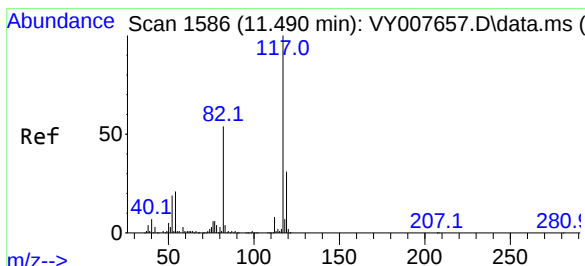
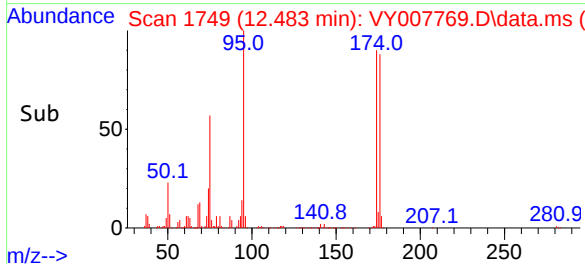
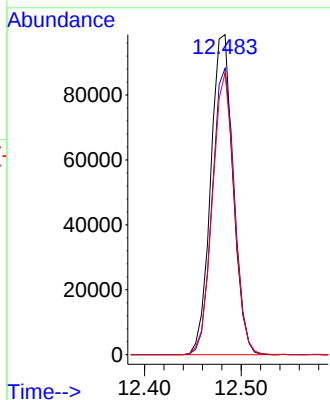
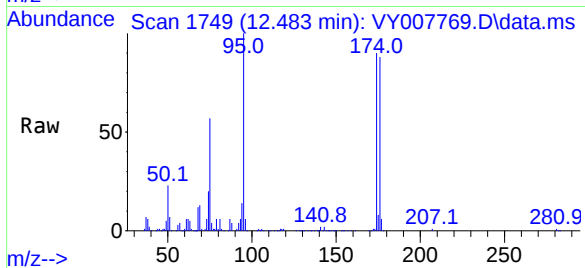




#62
4-Bromofluorobenzene
Concen: 48.927 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007769.D
Acq: 07 Mar 2022 20:15

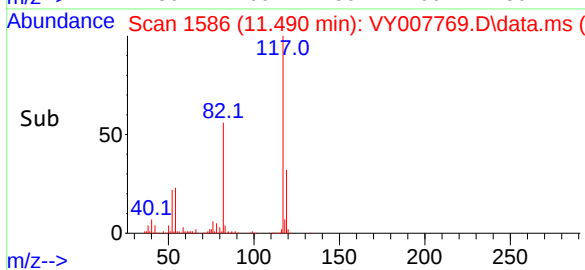
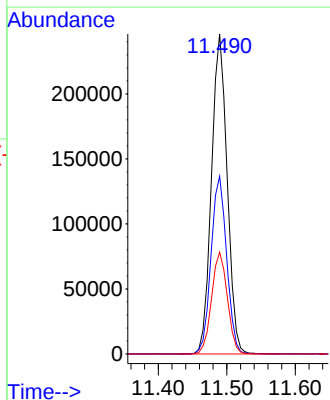
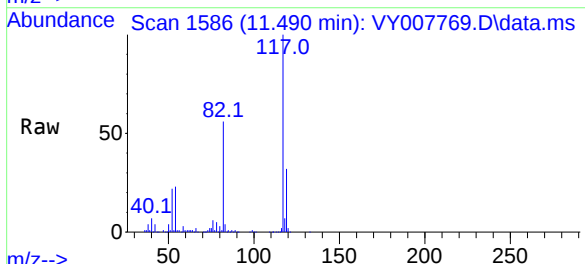
Instrument :
MSVOA_Y
ClientSampleId :

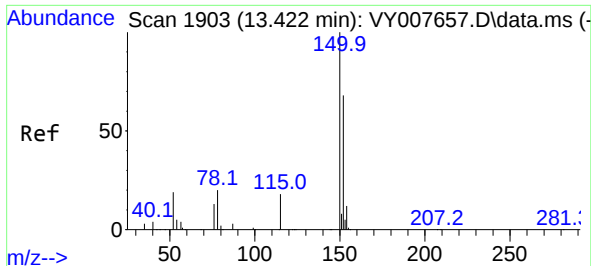
Tgt Ion: 95 Resp: 158170
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 85.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007769.D
Acq: 07 Mar 2022 20:15

Tgt Ion: 117 Resp: 390172
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.4
119 31.8 25.4 38.0

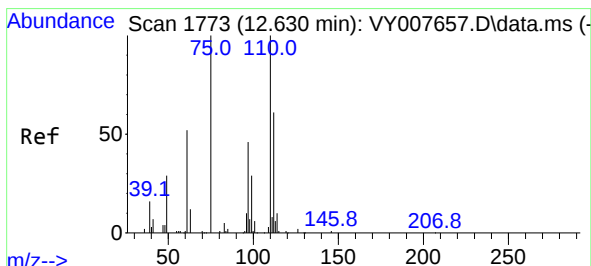
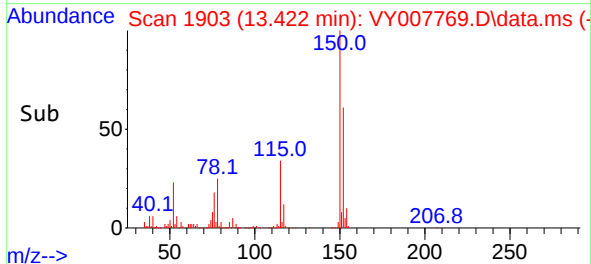
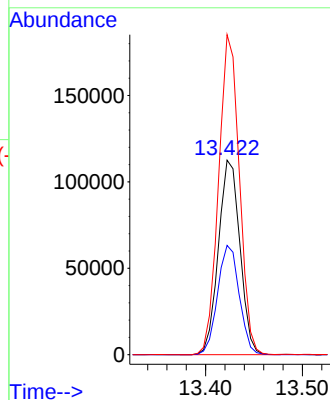
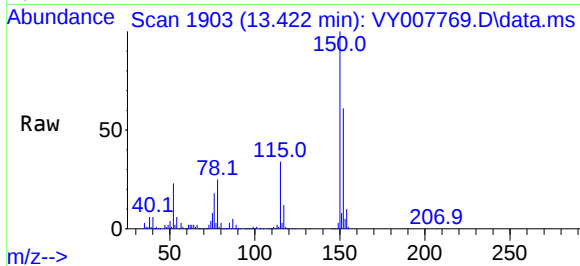




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007769.D
 Acq: 07 Mar 2022 20:15

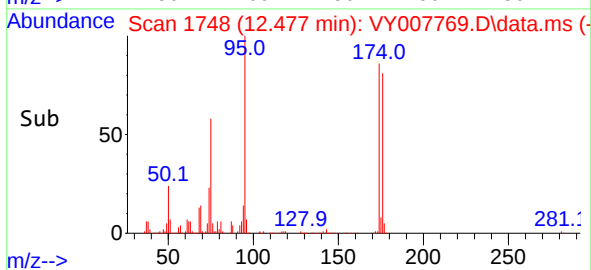
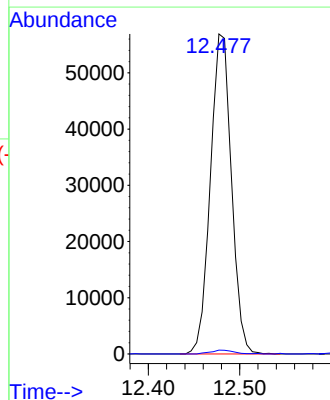
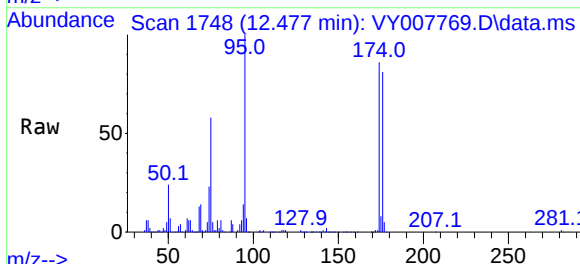
Instrument :
 MSVOA_Y
 ClientSampleId :

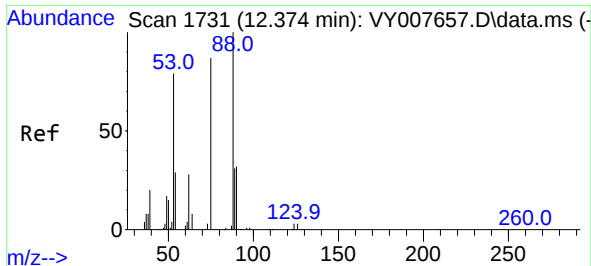
Tgt Ion:152 Resp: 173771
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.2 84.7
 150 158.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.862 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007769.D
 Acq: 07 Mar 2022 20:15

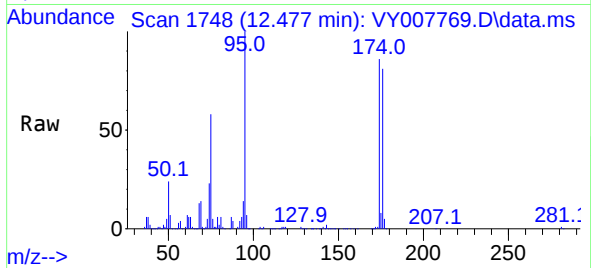
Tgt Ion: 75 Resp: 90940
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.802 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007769.D
 Acq: 07 Mar 2022 20:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 90940
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

