

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007398.D
 Acq On : 04 Feb 2022 16:37
 Operator : SY/MD
 Sample : N1387-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 27116

Quant Time: Feb 06 23:36:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

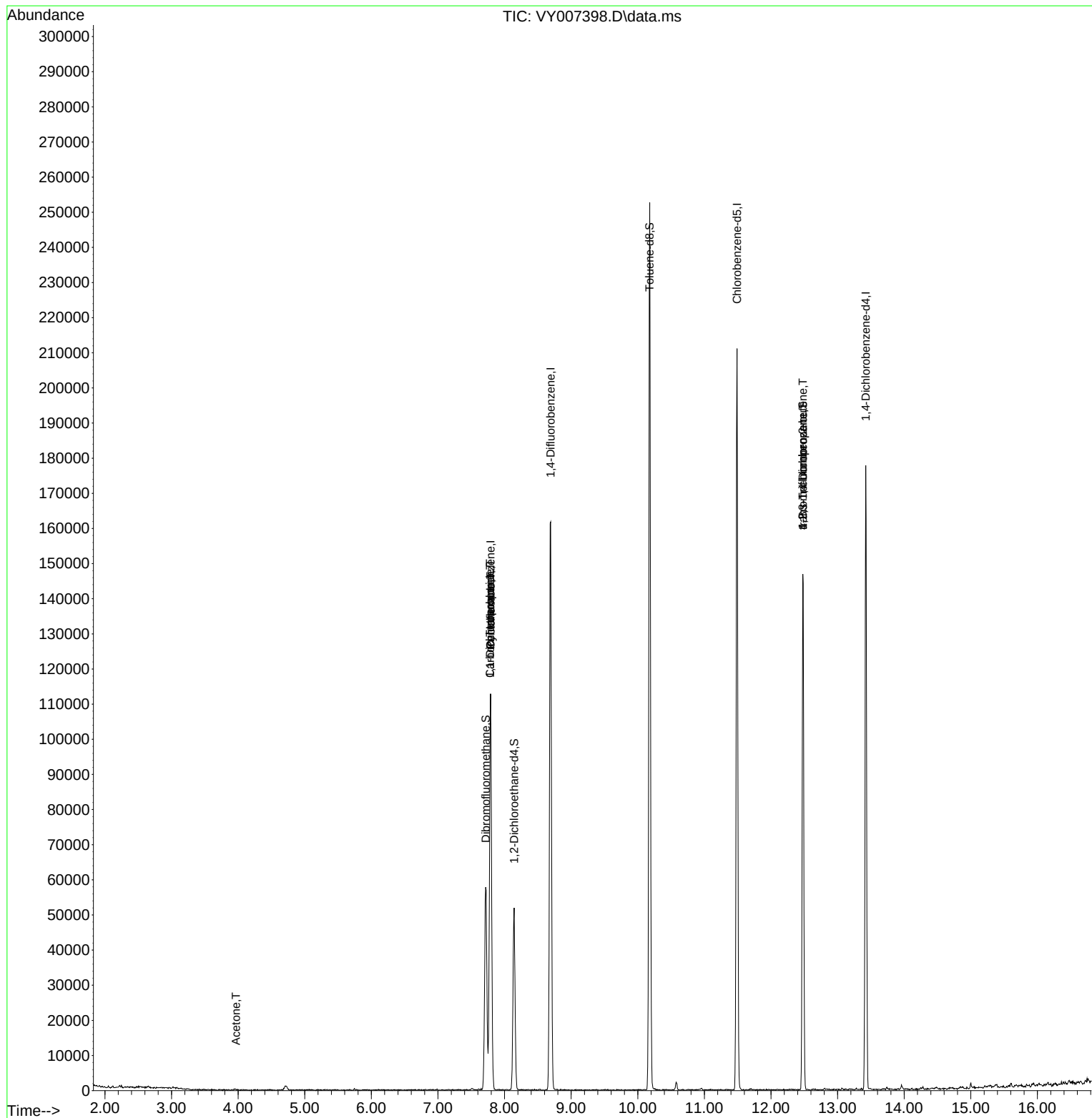
Internal Standards						
1) Pentafluorobenzene	7.789	168	80194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	138218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	112007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40154	43.531	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.060%
35) Dibromofluoromethane	7.716	113	40652	45.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.600%
50) Toluene-d8	10.179	98	162870	49.670	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.477	95	47647	42.751	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.500%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	241	Below Cal		96
16) Acetone	3.967	43	364	1.215 ug/l #		47
20) Methylene Chloride	4.723	84	935	Below Cal #		61
31) Cyclohexane	7.789	56	1867	1.037 ug/l #		14
36) 1,1-Dichloropropene	7.783	75	7107	4.580 ug/l #		52
38) Carbon Tetrachloride	7.783	117	8879	5.447 ug/l #		14
76) 1,2,3-Trichloropropane	12.477	75	25613	50.887 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.477	75	25613	101.948 ug/l #		7

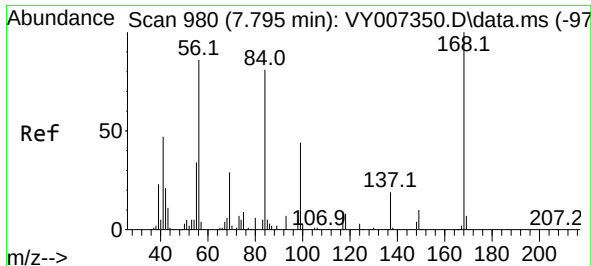
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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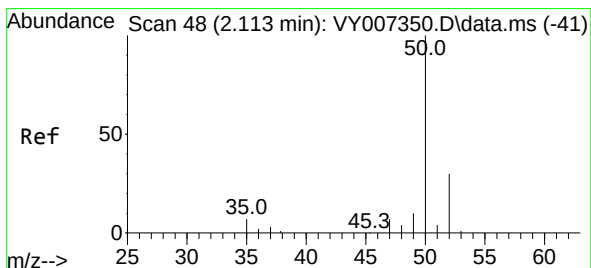
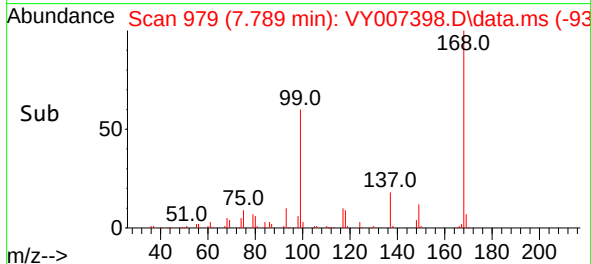
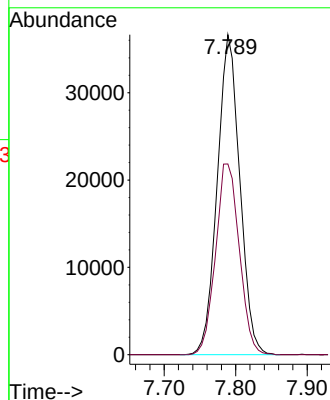
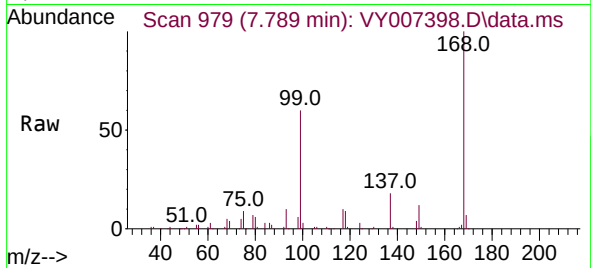




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007398.D
Acq: 04 Feb 2022 16:37

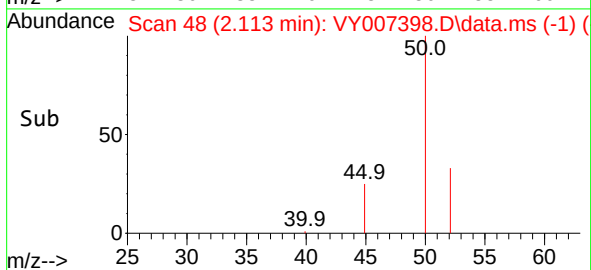
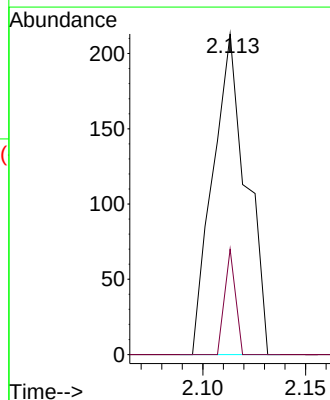
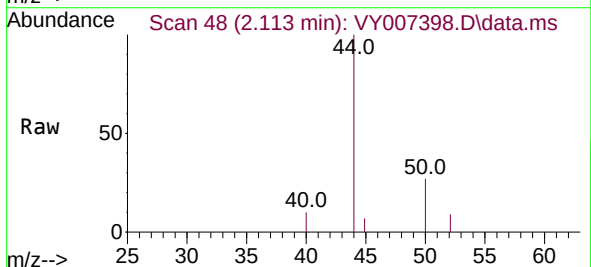
Instrument :
MSVOA_Y
ClientSampleId :
27116

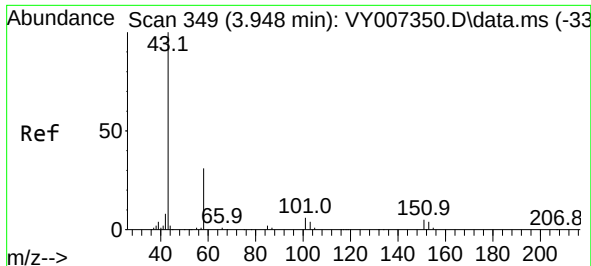
Tgt Ion:168 Resp: 80194
Ion Ratio Lower Upper
168 100
99 59.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007398.D
Acq: 04 Feb 2022 16:37

Tgt Ion: 50 Resp: 241
Ion Ratio Lower Upper
50 100
52 32.9 24.6 37.0





#16

Acetone

Concen: 1.215 ug/l

RT: 3.967 min Scan# 31

Delta R.T. 0.018 min

Lab File: VY007398.D

Acq: 04 Feb 2022 16:37

Instrument :

MSVOA_Y

ClientSampleId :

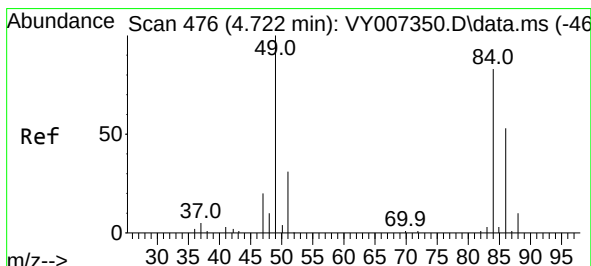
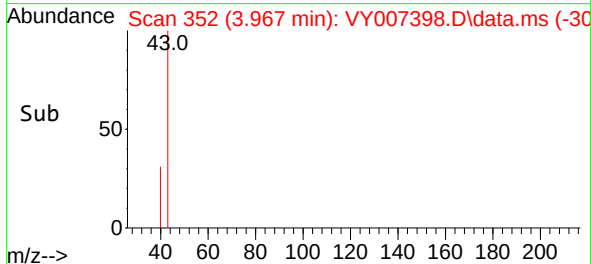
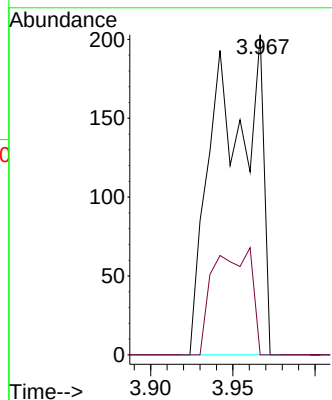
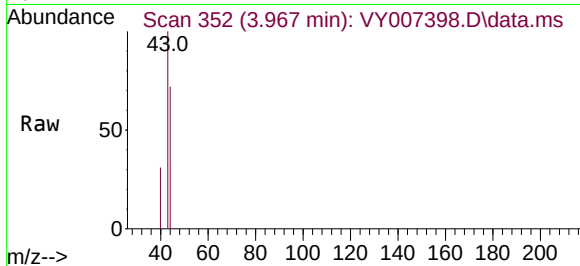
27116

Tgt Ion: 43 Resp: 364

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.723 min Scan# 476

Delta R.T. 0.001 min

Lab File: VY007398.D

Acq: 04 Feb 2022 16:37

Tgt Ion: 84 Resp: 935

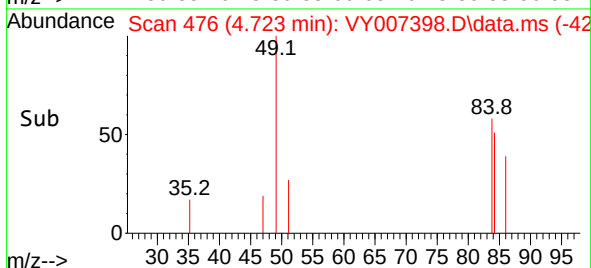
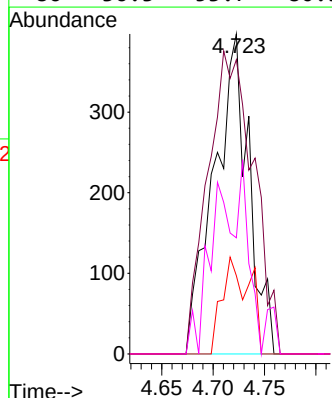
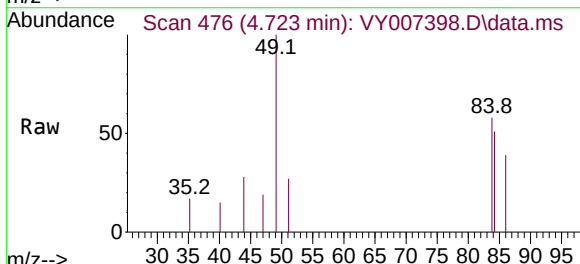
Ion Ratio Lower Upper

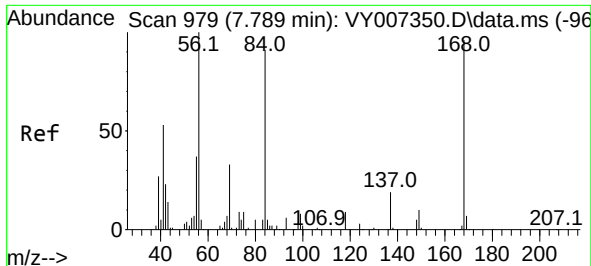
84 100

49 91.9 114.4 171.6#

51 24.4 35.3 52.9#

86 36.3 53.7 80.5#

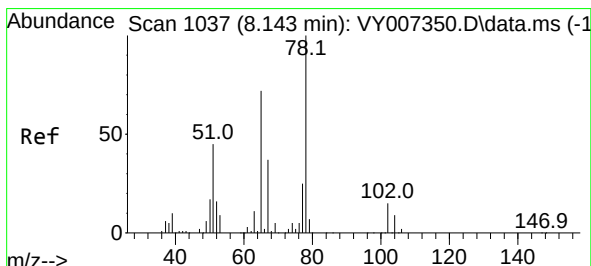
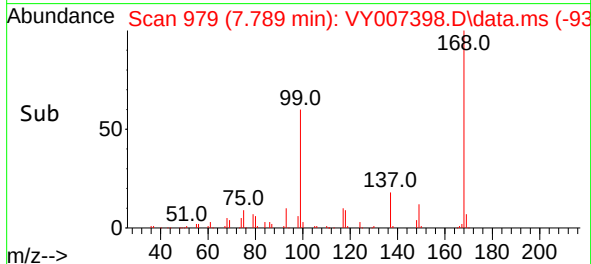
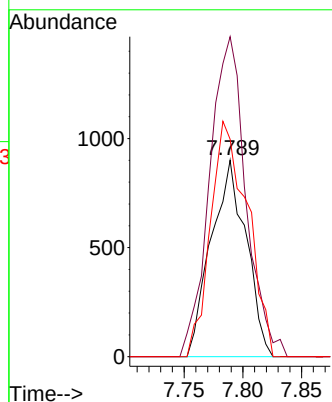
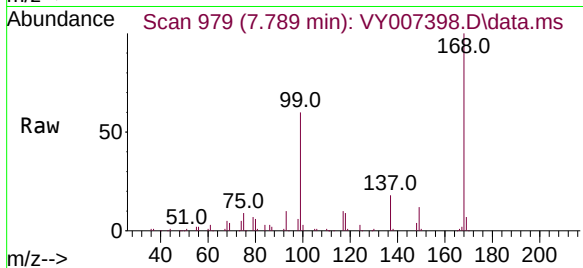




#31
Cyclohexane
Concen: 1.037 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007398.D
Acq: 04 Feb 2022 16:37

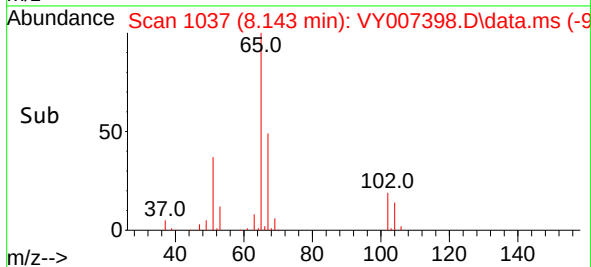
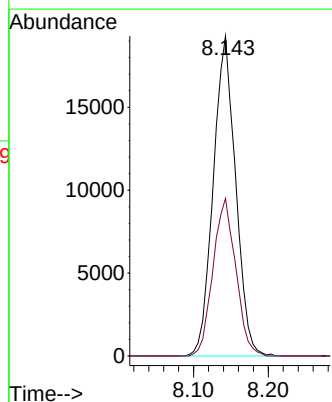
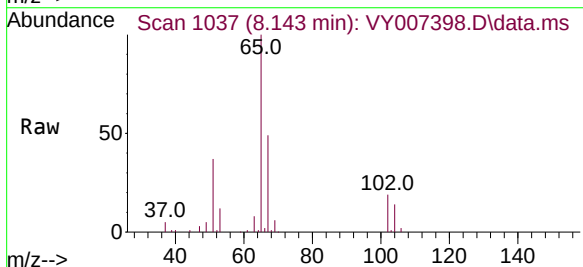
Instrument :
MSVOA_Y
ClientSampleId :
27116

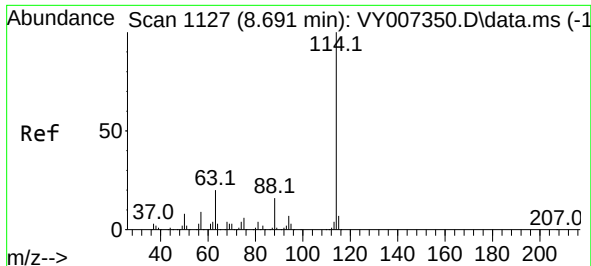
Tgt Ion: 56 Resp: 1867
Ion Ratio Lower Upper
56 100
69 162.8 26.7 40.1#
84 110.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 43.531 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007398.D
Acq: 04 Feb 2022 16:37

Tgt Ion: 65 Resp: 40154
Ion Ratio Lower Upper
65 100
67 50.3 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: VY007398.D

Acq: 04 Feb 2022 16:37

Instrument :

MSVOA_Y

ClientSampleId :

27116

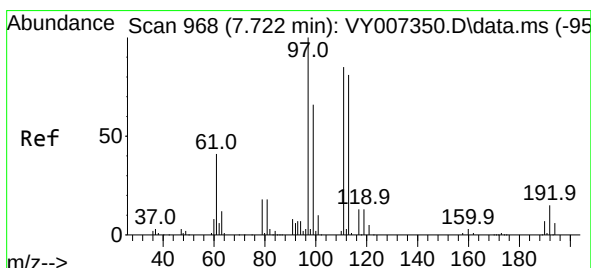
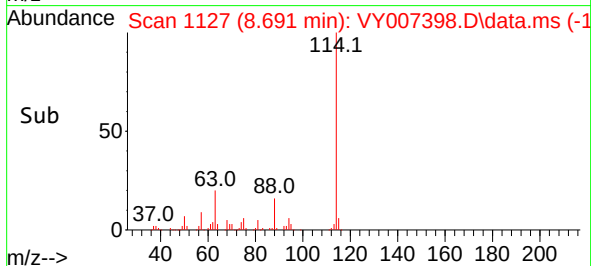
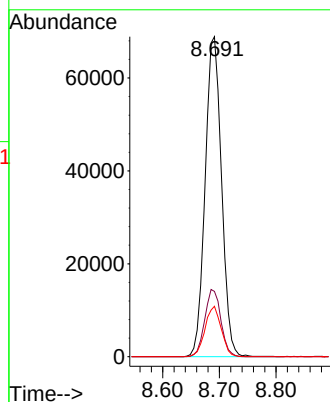
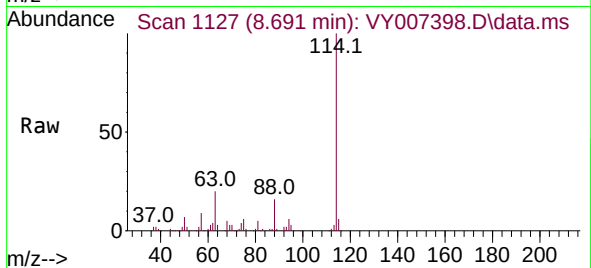
Tgt Ion:114 Resp: 138218

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.803 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007398.D

Acq: 04 Feb 2022 16:37

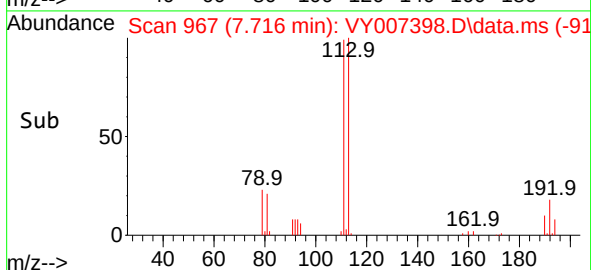
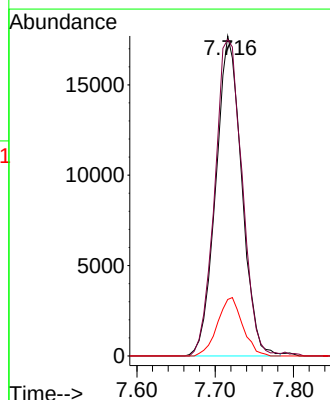
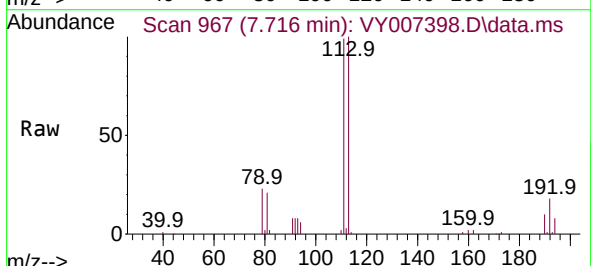
Tgt Ion:113 Resp: 40652

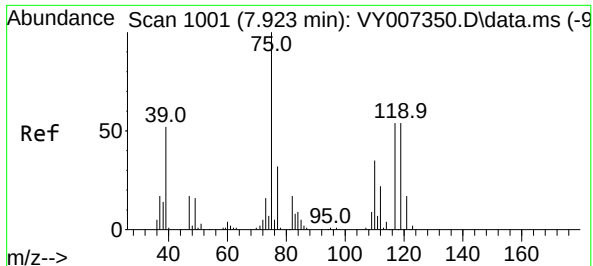
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 17.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.580 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY007398.D

Acq: 04 Feb 2022 16:37

Instrument :

MSVOA_Y

ClientSampleId :

27116

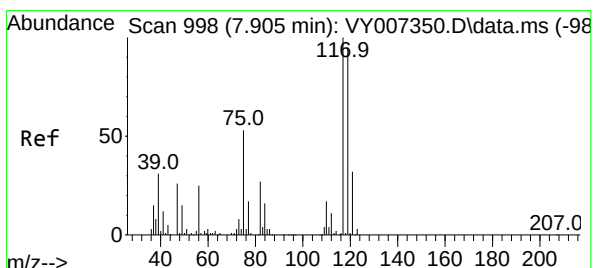
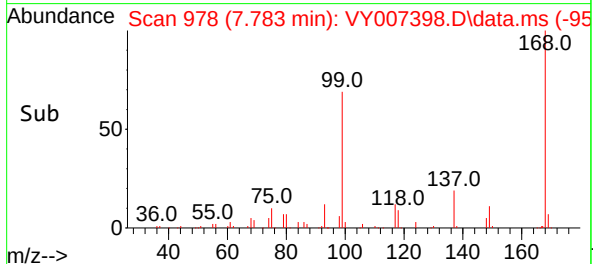
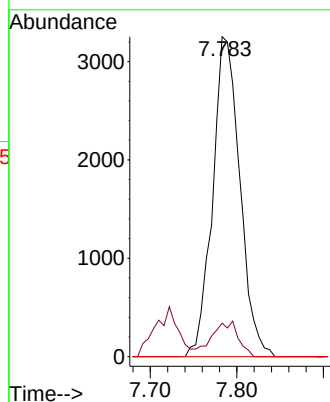
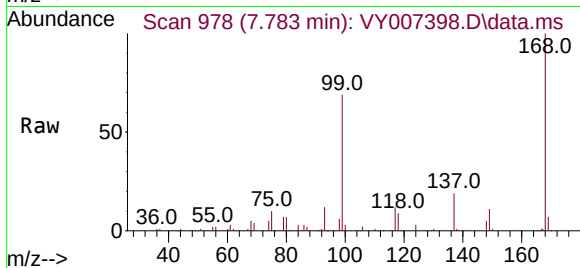
Tgt Ion: 75 Resp: 7107

Ion Ratio Lower Upper

75 100

110 10.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.447 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.122 min

Lab File: VY007398.D

Acq: 04 Feb 2022 16:37

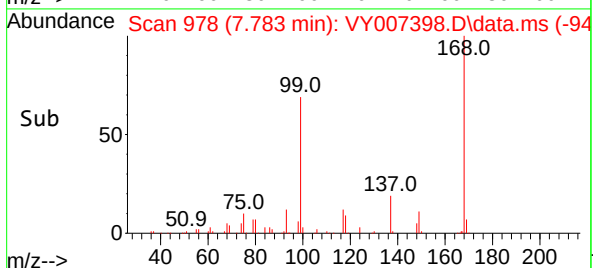
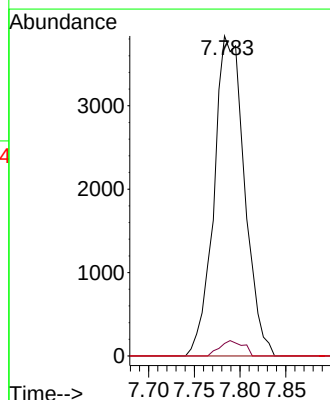
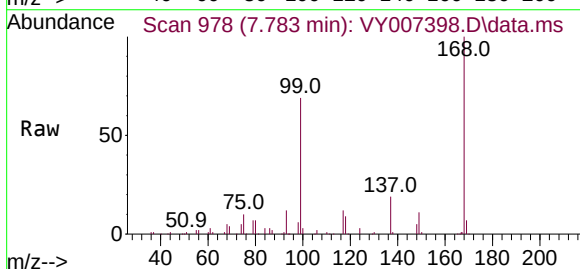
Tgt Ion: 117 Resp: 8879

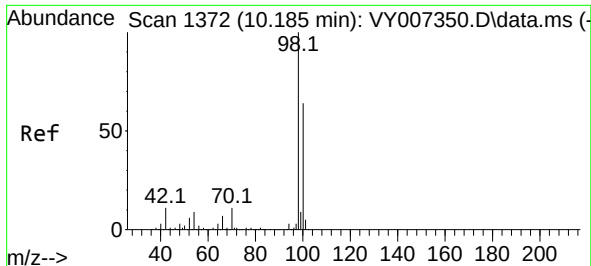
Ion Ratio Lower Upper

117 100

119 3.9 77.9 116.9#

121 0.0 24.8 37.2#

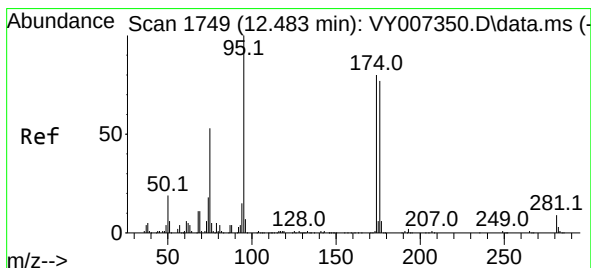
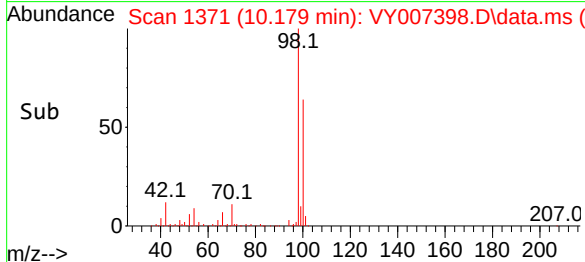
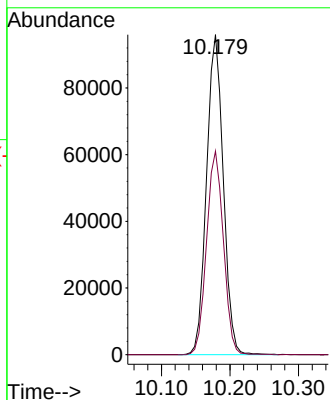
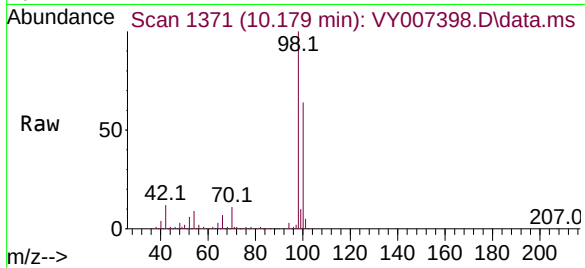




#50
Toluene-d8
Concen: 49.670 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007398.D
Acq: 04 Feb 2022 16:37

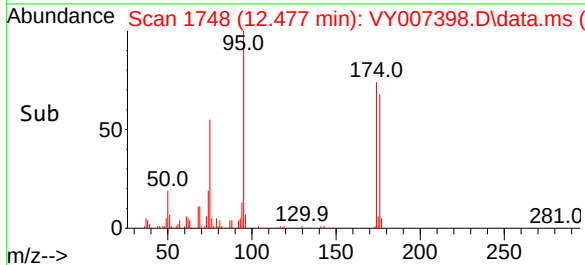
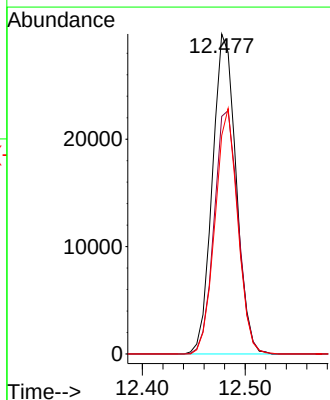
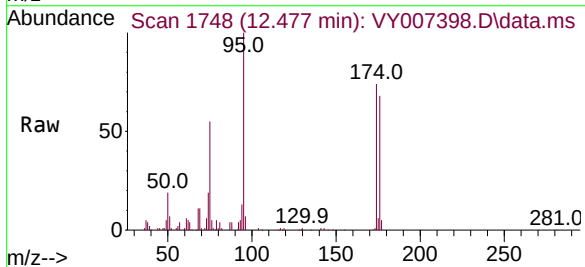
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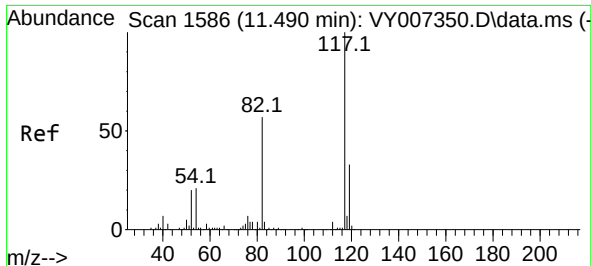
Tgt Ion: 98 Resp: 162870
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.751 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007398.D
Acq: 04 Feb 2022 16:37

Tgt Ion: 95 Resp: 47647
Ion Ratio Lower Upper
95 100
174 77.1 0.0 177.0
176 73.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007398.D

Acq: 04 Feb 2022 16:37

Instrument :

MSVOA_Y

ClientSampleId :

27116

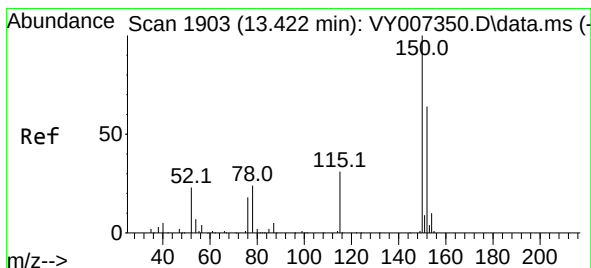
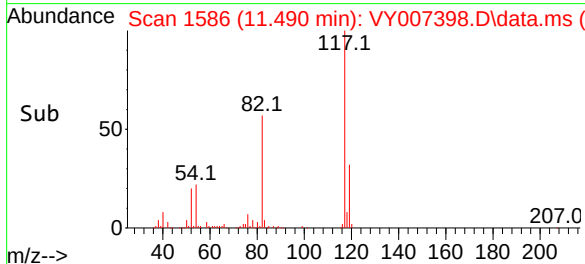
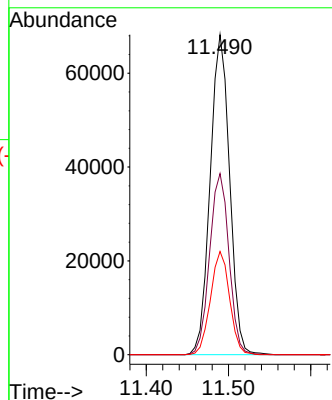
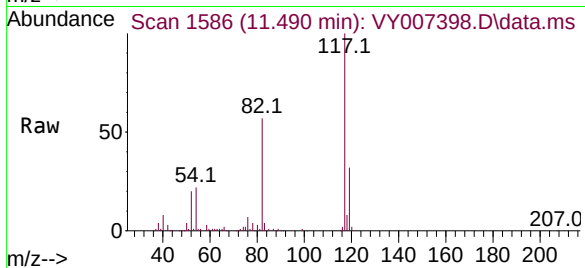
Tgt Ion:117 Resp: 112007

Ion Ratio Lower Upper

117 100

82 56.6 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: VY007398.D

Acq: 04 Feb 2022 16:37

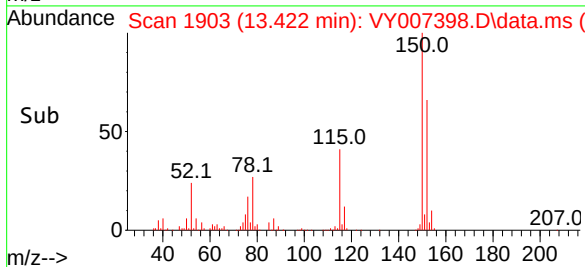
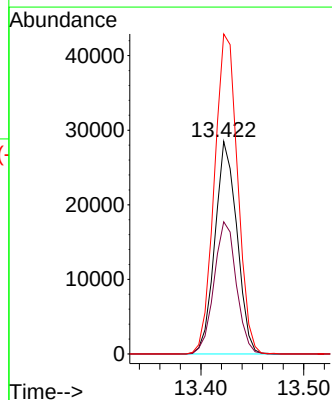
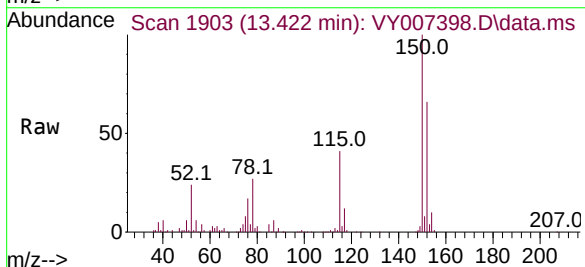
Tgt Ion:152 Resp: 42339

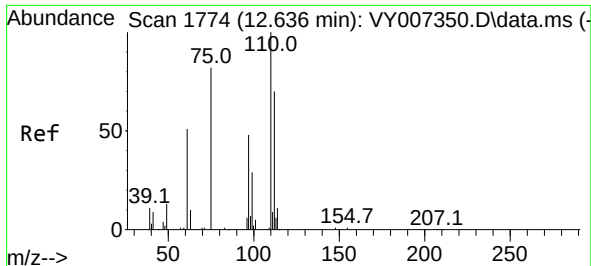
Ion Ratio Lower Upper

152 100

115 63.0 28.2 84.7

150 158.4 0.0 347.6

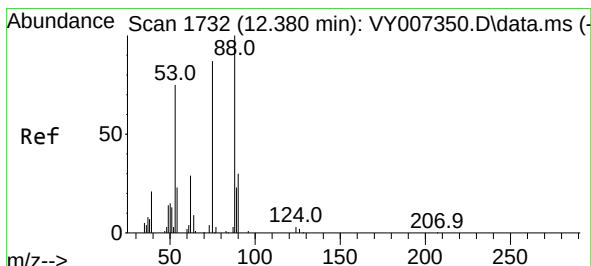
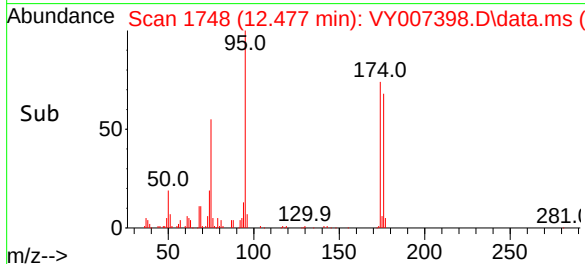
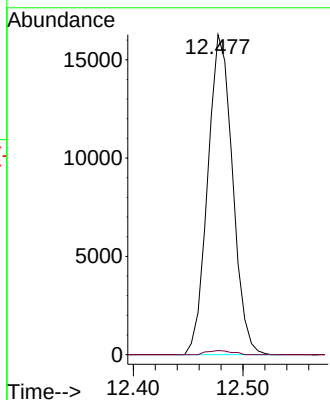
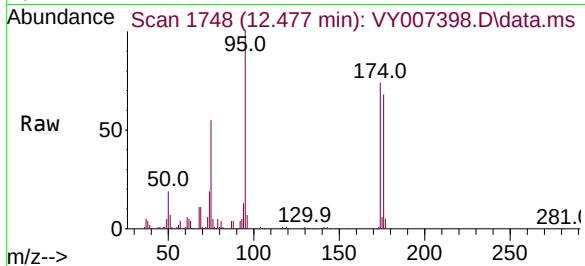




#76
1,2,3-Trichloropropane
Concen: 50.887 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY007398.D
Acq: 04 Feb 2022 16:37

Instrument :
MSVOA_Y
ClientSampleId :
27116

Tgt Ion: 75 Resp: 25613
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.948 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY007398.D
Acq: 04 Feb 2022 16:37

Tgt Ion: 75 Resp: 25613
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

