

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010389.D
 Acq On : 08 Sep 2022 12:41
 Operator : KP/MD
 Sample : N4490-01
 Misc : 4.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14-A-SP

Quant Time: Sep 08 16:23:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

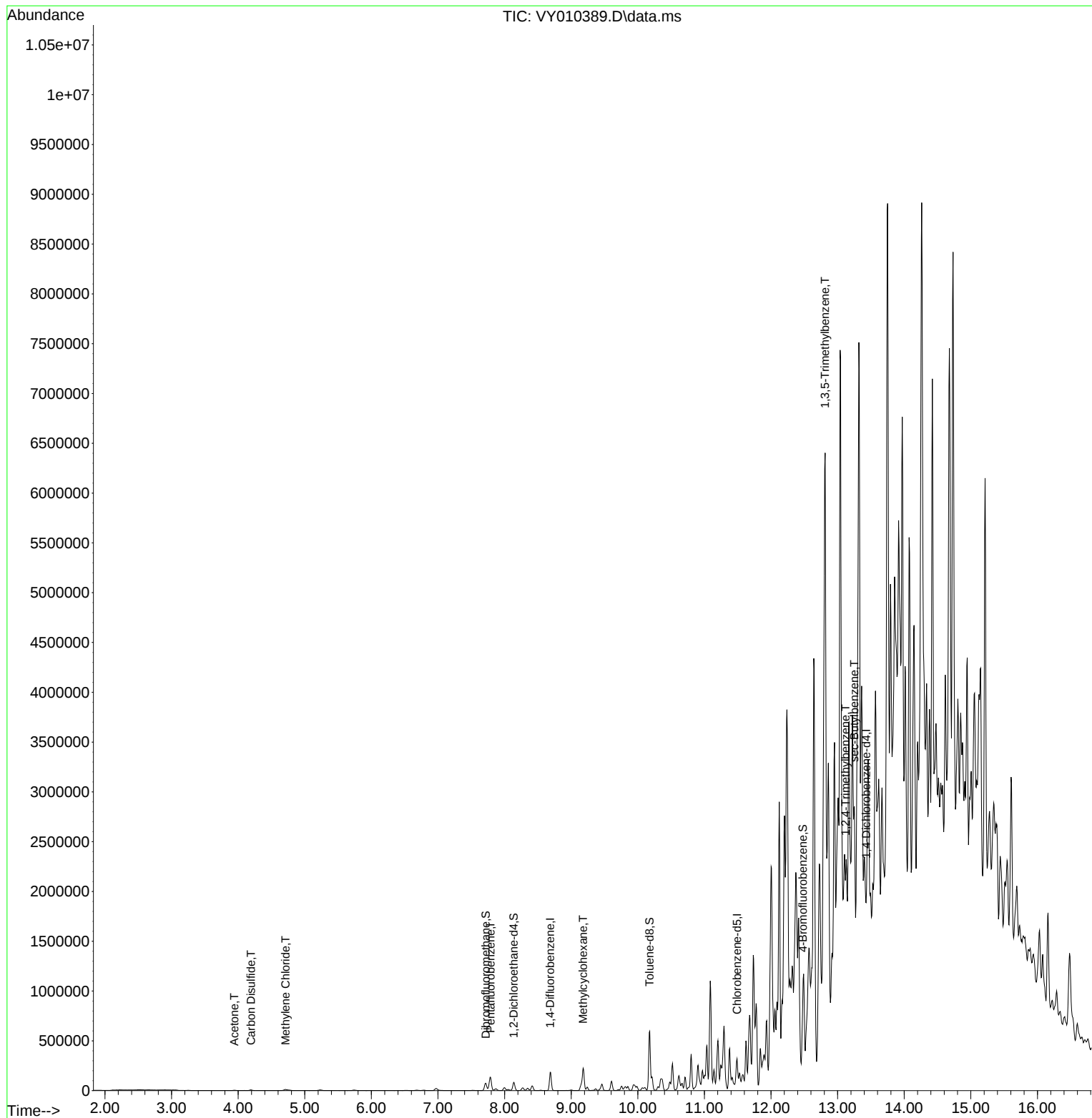
Internal Standards						
1) Pentafluorobenzene	7.789	168	99019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	163792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	138747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61662	60.731	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.460%	
35) Dibromofluoromethane	7.716	113	52951	48.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.120%	
50) Toluene-d8	10.179	98	204984	56.150	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.300%	
62) 4-Bromofluorobenzene	12.477	95	112812	81.086	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 162.180%#	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	5072	19.983	ug/l	94
17) Carbon Disulfide	4.192	76	11327	3.773	ug/l #	94
20) Methylene Chloride	4.710	84	7182	5.863	ug/l #	77
39) Methylcyclohexane	9.179	83	98466	47.673	ug/l	91
80) 1,3,5-Trimethylbenzene	12.812	105	724341	113.679	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	106806	17.069	ug/l	100
85) sec-Butylbenzene	13.251	105	38054	4.648	ug/l	78

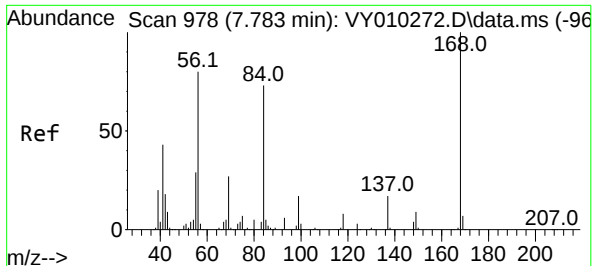
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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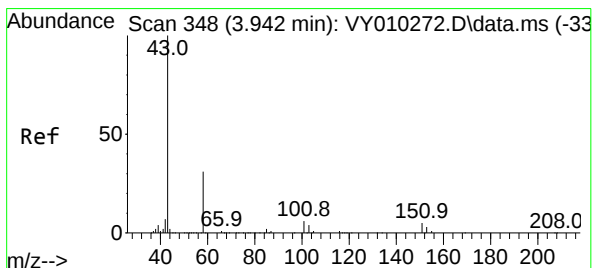
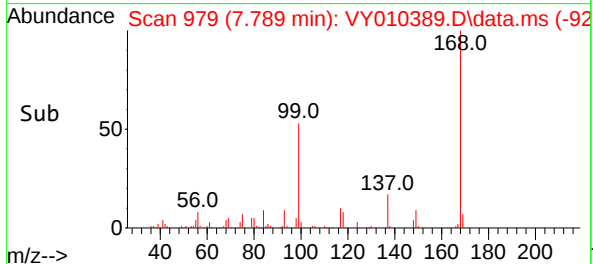
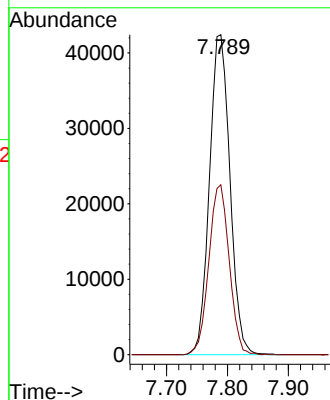
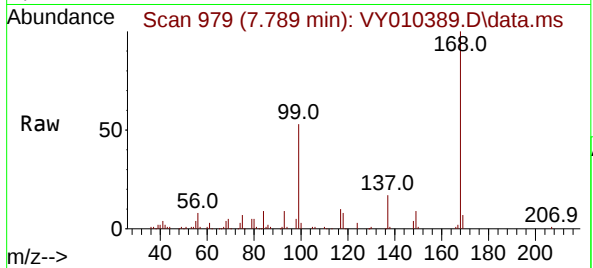




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010389.D
Acq: 08 Sep 2022 12:41

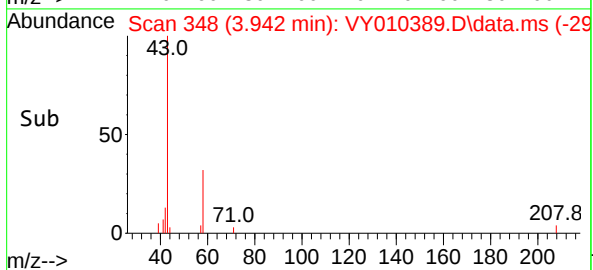
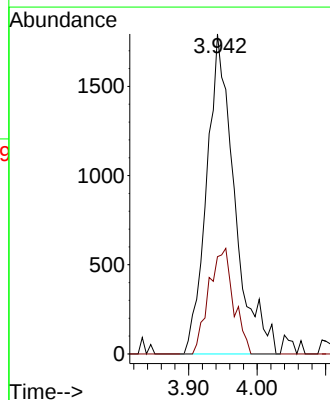
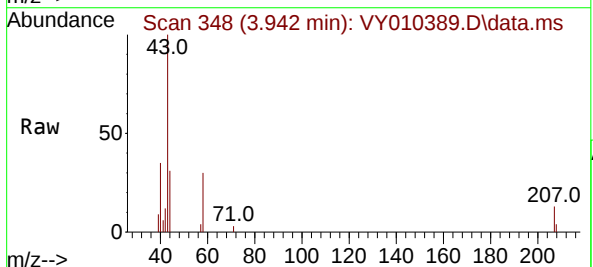
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-A-SP

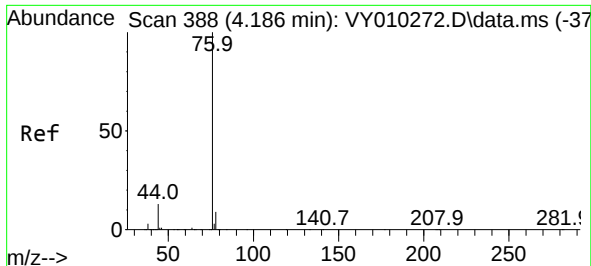
Tgt Ion:168 Resp: 99019
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#16
Acetone
Concen: 19.983 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010389.D
Acq: 08 Sep 2022 12:41

Tgt Ion: 43 Resp: 5072
Ion Ratio Lower Upper
43 100
58 30.4 22.0 33.0

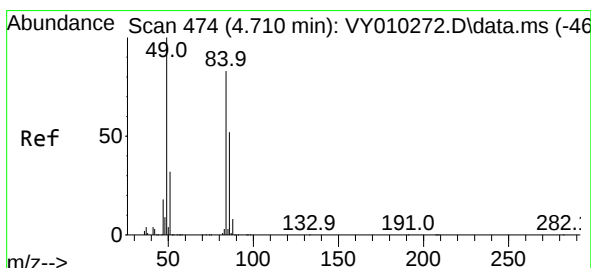
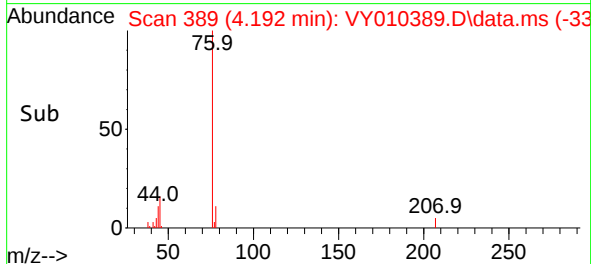
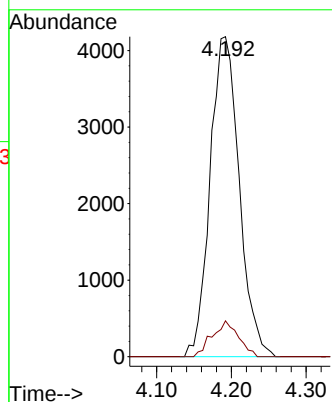
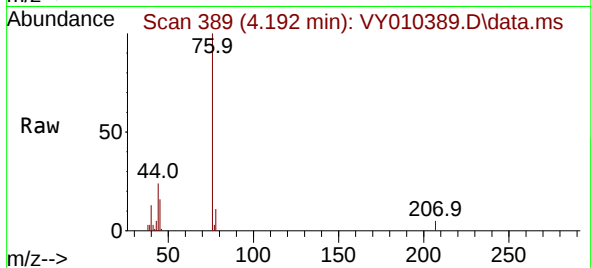




#17
Carbon Disulfide
Concen: 3.773 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY010389.D
Acq: 08 Sep 2022 12:41

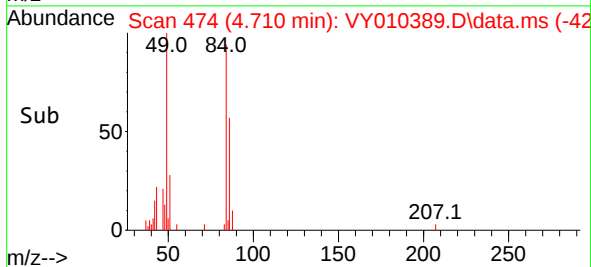
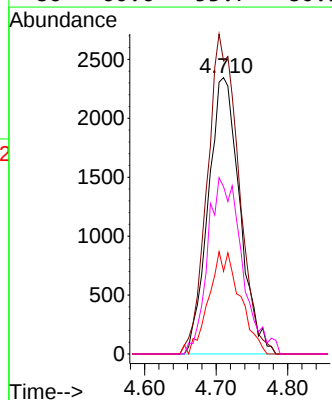
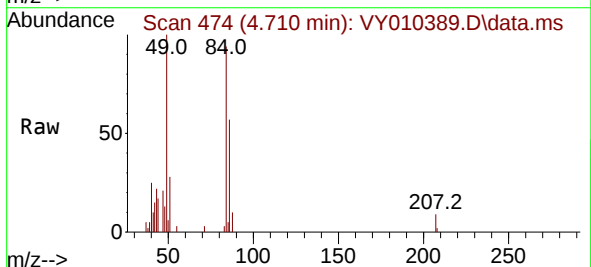
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-A-SP

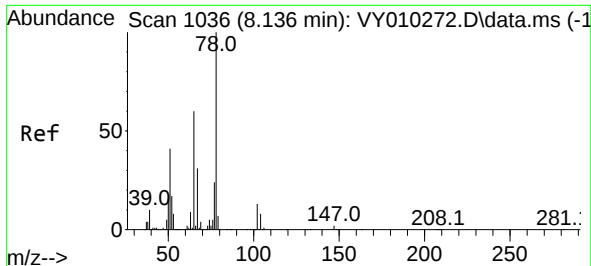
Tgt Ion: 76 Resp: 11327
Ion Ratio Lower Upper
76 100
78 11.2 7.4 11.0#



#20
Methylene Chloride
Concen: 5.863 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010389.D
Acq: 08 Sep 2022 12:41

Tgt Ion: 84 Resp: 7182
Ion Ratio Lower Upper
84 100
49 106.0 114.4 171.6#
51 29.9 35.3 52.9#
86 60.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 60.731 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010389.D

Acq: 08 Sep 2022 12:41

Instrument :

MSVOA_Y

ClientSampleId :

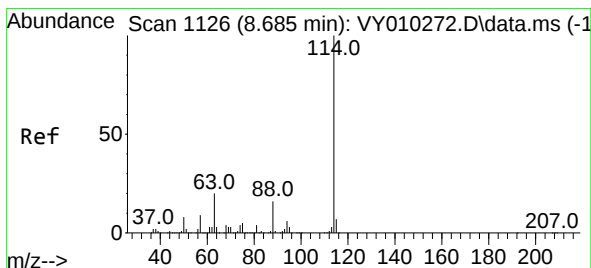
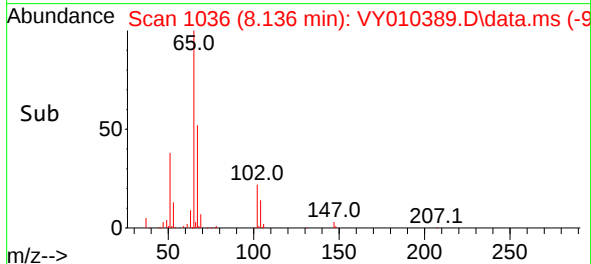
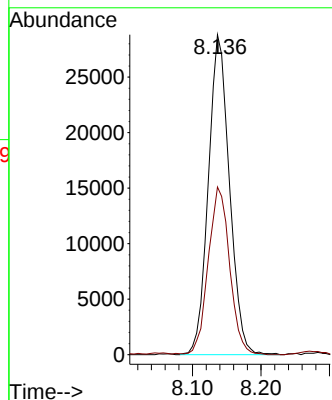
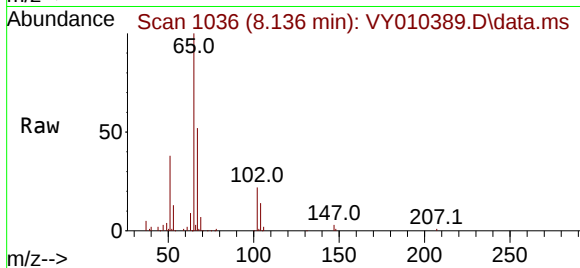
WC-14-A-SP

Tgt Ion: 65 Resp: 61662

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010389.D

Acq: 08 Sep 2022 12:41

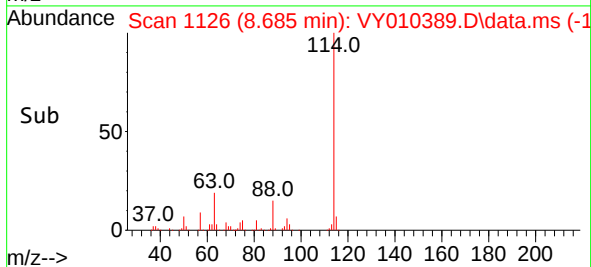
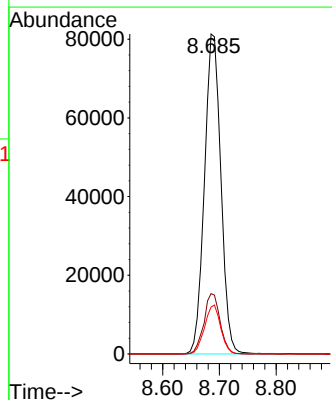
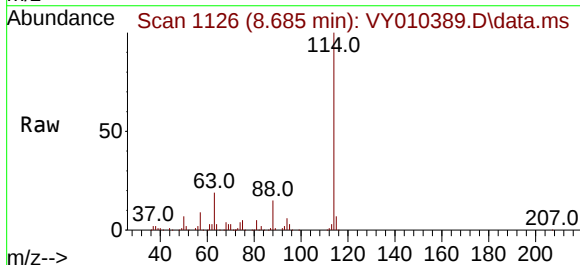
Tgt Ion: 114 Resp: 163792

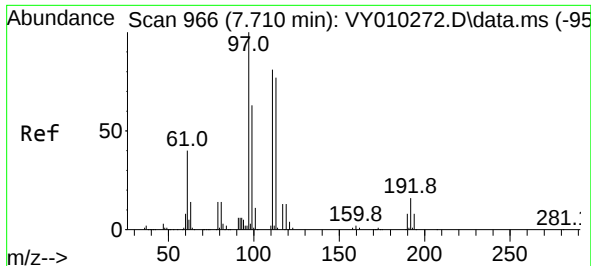
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.6 0.0 31.8

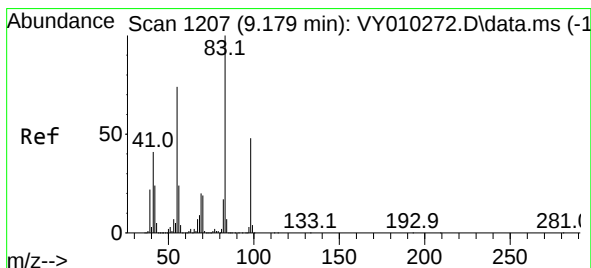
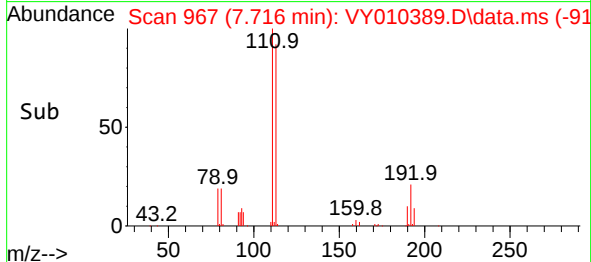
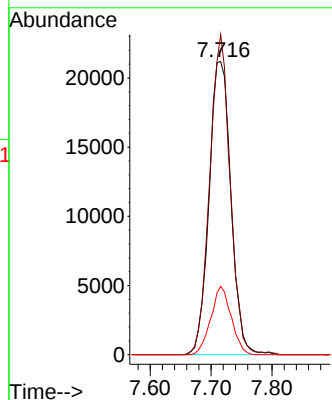
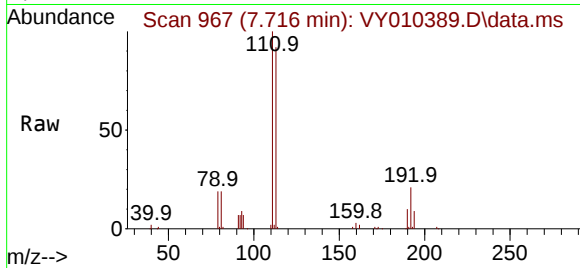




#35
Dibromofluoromethane
Concen: 48.561 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010389.D
Acq: 08 Sep 2022 12:41

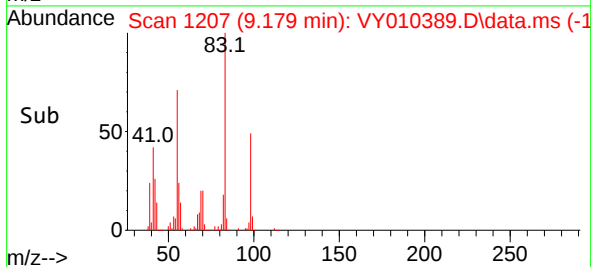
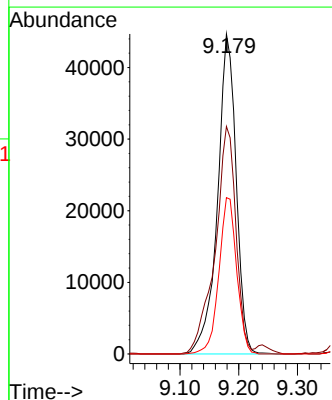
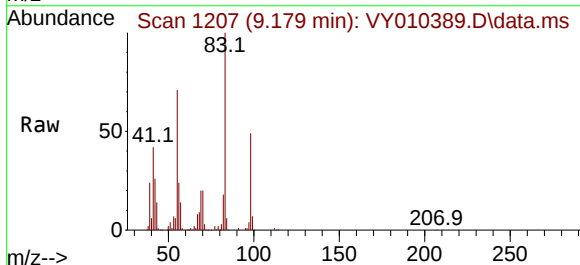
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-A-SP

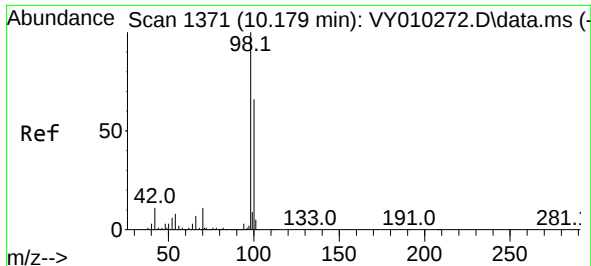
Tgt Ion:113 Resp: 52951
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 21.6 17.6 26.4



#39
Methylcyclohexane
Concen: 47.673 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY010389.D
Acq: 08 Sep 2022 12:41

Tgt Ion: 83 Resp: 98466
Ion Ratio Lower Upper
83 100
55 71.1 66.5 99.7
98 48.8 37.9 56.9

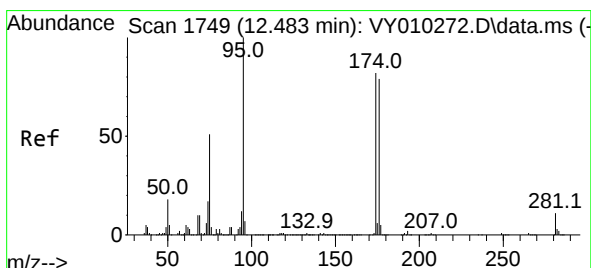
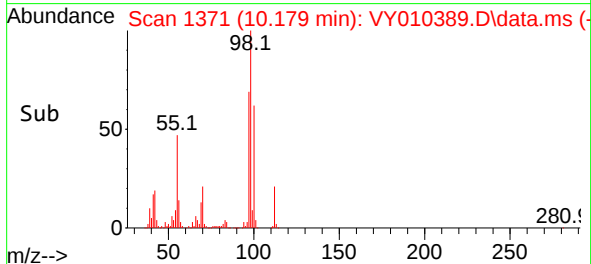
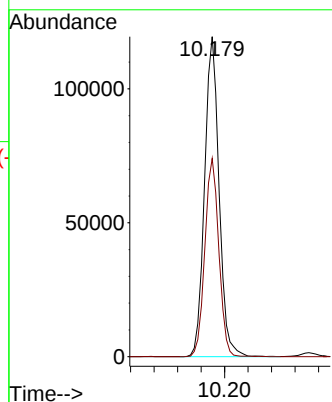
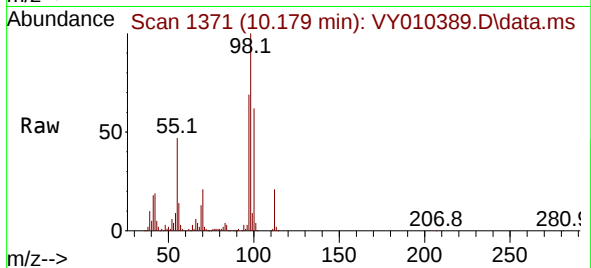




#50
Toluene-d8
Concen: 56.150 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010389.D
Acq: 08 Sep 2022 12:41

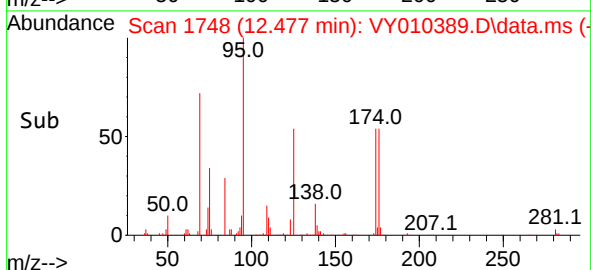
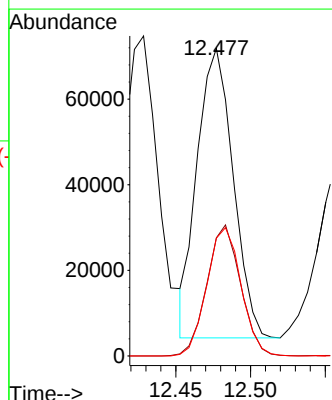
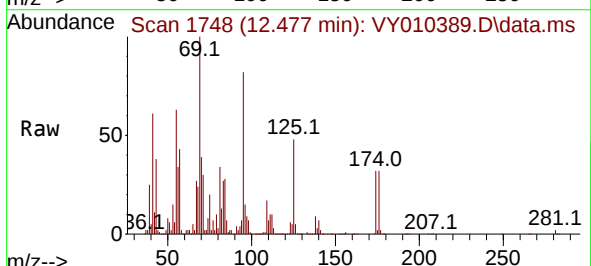
Instrument :
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ClientSampleId :
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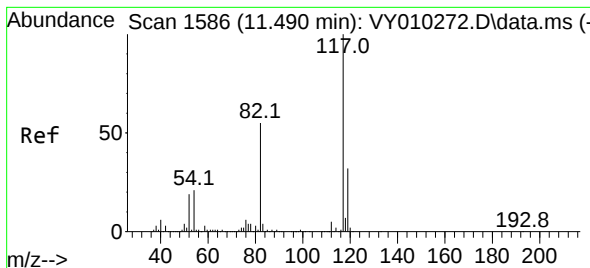
Tgt Ion: 98 Resp: 204984
Ion Ratio Lower Upper
98 100
100 59.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 81.086 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010389.D
Acq: 08 Sep 2022 12:41

Tgt Ion: 95 Resp: 112812
Ion Ratio Lower Upper
95 100
174 42.6 0.0 177.0
176 42.3 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: VY010389.D

Acq: 08 Sep 2022 12:41

Instrument :

MSVOA_Y

ClientSampleId :

WC-14-A-SP

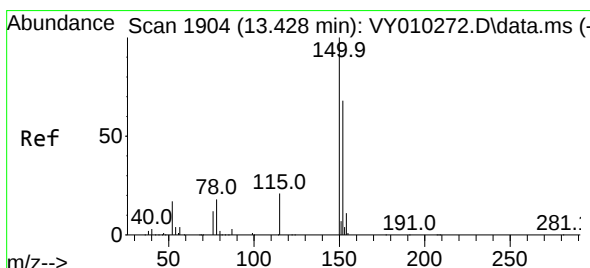
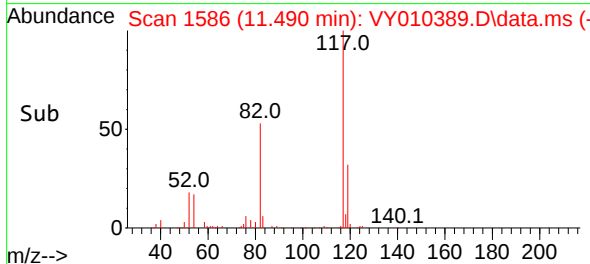
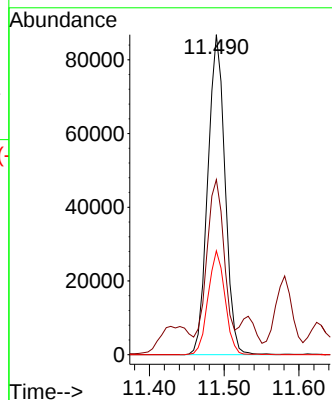
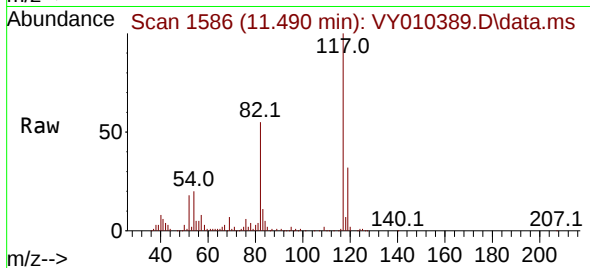
Tgt Ion:117 Resp: 138747

Ion Ratio Lower Upper

117 100

82 45.9 43.0 64.4

119 32.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY010389.D

Acq: 08 Sep 2022 12:41

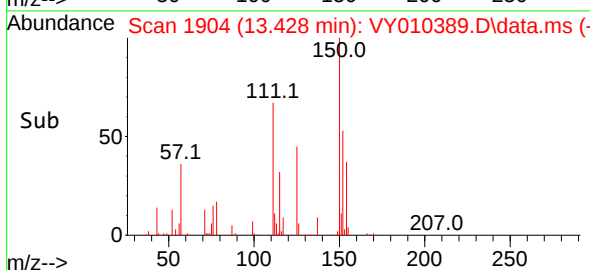
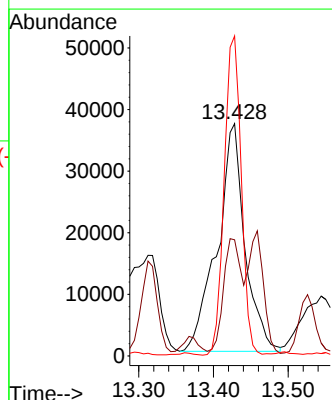
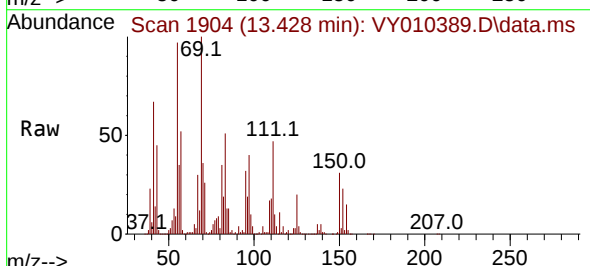
Tgt Ion:152 Resp: 95323

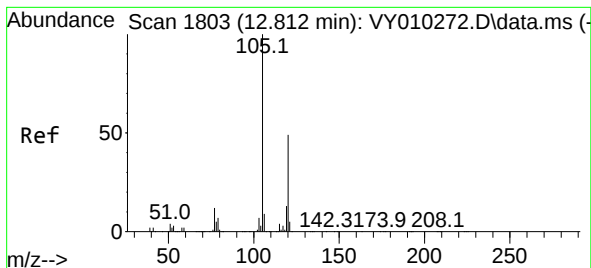
Ion Ratio Lower Upper

152 100

115 32.2 28.2 84.7

150 86.3 0.0 347.6

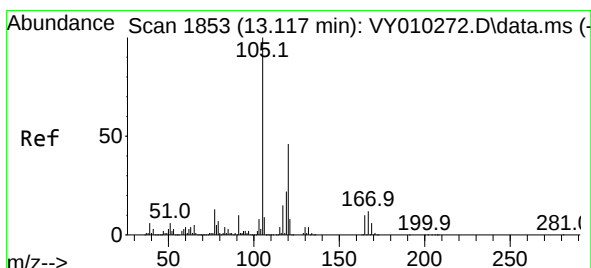
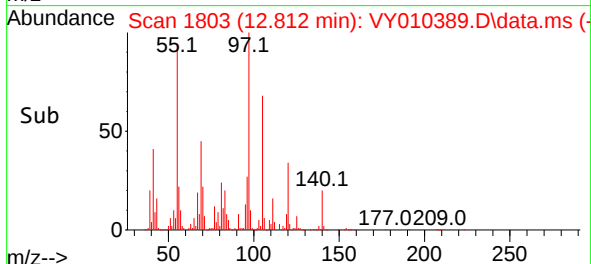
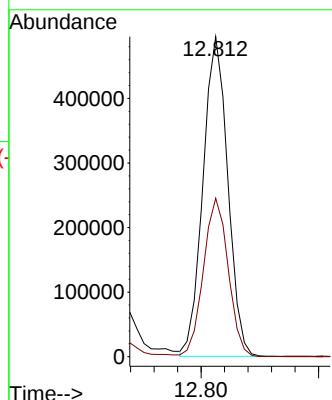
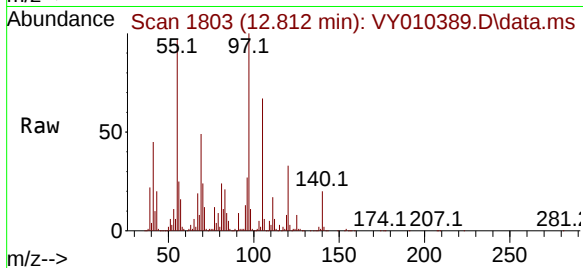




#80
 1,3,5-Trimethylbenzene
 Concen: 113.679 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VY010389.D
 Acq: 08 Sep 2022 12:41

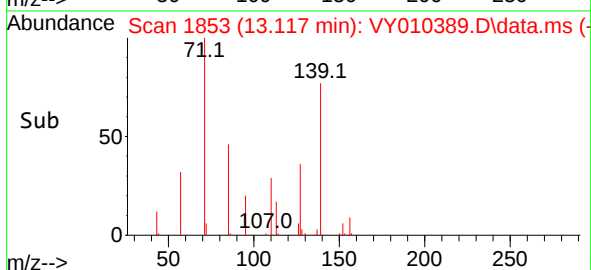
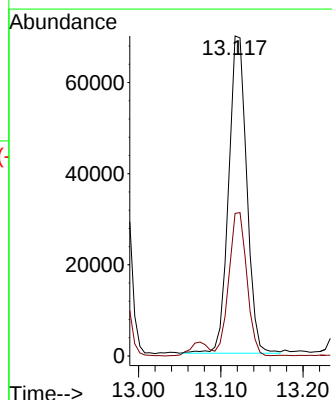
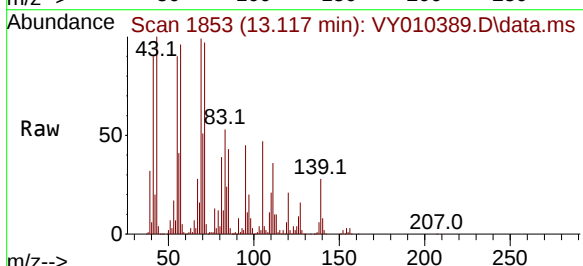
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14-A-SP

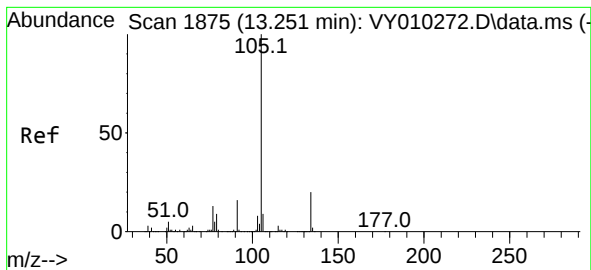
Tgt Ion:105 Resp: 724341
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.4 73.4



#84
 1,2,4-Trimethylbenzene
 Concen: 17.069 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY010389.D
 Acq: 08 Sep 2022 12:41

Tgt Ion:105 Resp: 106806
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 4.648 ug/l

RT: 13.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010389.D

Acq: 08 Sep 2022 12:41

Instrument :

MSVOA_Y

ClientSampleId :

WC-14-A-SP

Tgt Ion:105 Resp: 38054

Ion Ratio Lower Upper

105 100

134 30.4 10.2 30.4

