

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
 Data File : VY019666.D
 Acq On : 23 Sep 2024 14:28
 Operator : SY/MD
 Sample : P4103-10
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14-7.5-10A

Quant Time: Sep 24 01:45:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

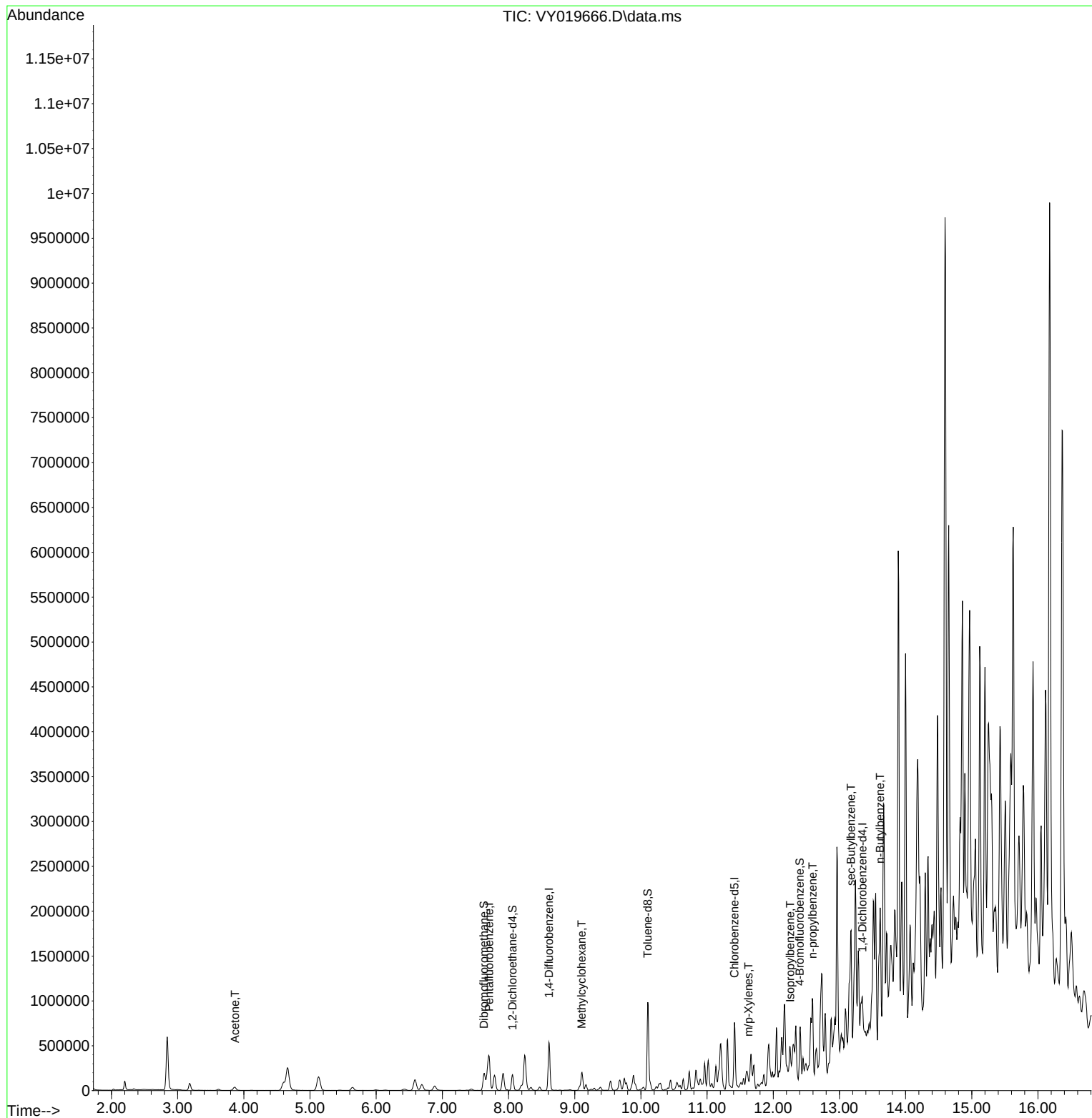
Internal Standards						
1) Pentafluorobenzene	7.707	168	246121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	437830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	379397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	157433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137122	60.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.340%	
35) Dibromofluoromethane	7.628	113	136307	54.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.820%	
50) Toluene-d8	10.103	98	520407	56.678	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.360%	
62) 4-Bromofluorobenzene	12.401	95	173803	49.229	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.460%	
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	45559	83.911	ug/l #	74
39) Methylcyclohexane	9.103	83	70329	15.645	ug/l #	90
68) m/p-Xylenes	11.627	106	11432	2.280	ug/l	84
73) Isopropylbenzene	12.255	105	183799	16.093	ug/l	99
78) n-propylbenzene	12.597	91	615598	45.474	ug/l	99
85) sec-Butylbenzene	13.176	105	690467	56.544	ug/l	90
89) n-Butylbenzene	13.615	91	778069	81.465	ug/l	89

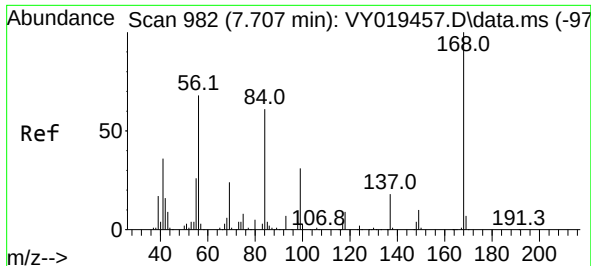
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
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WC-14-7.5-10A

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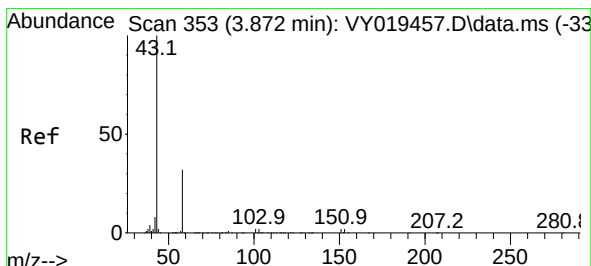
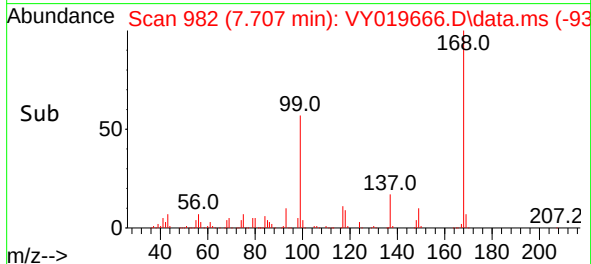
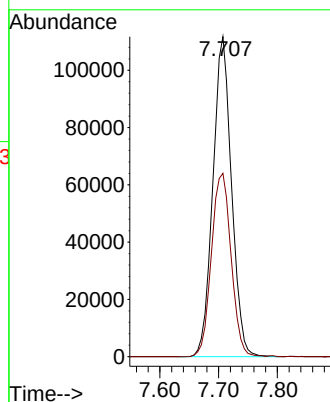
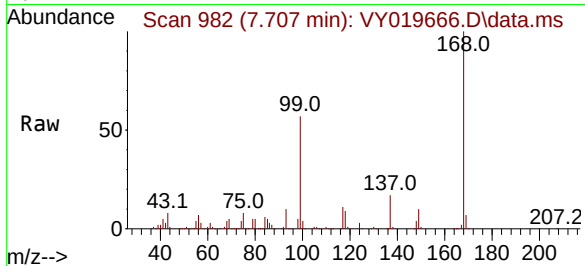




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

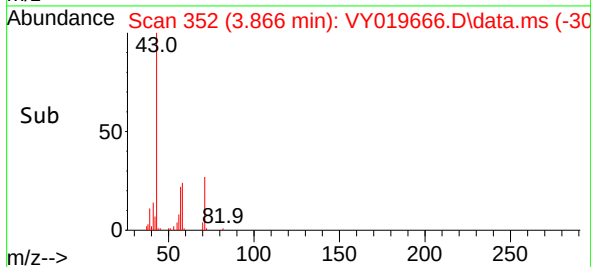
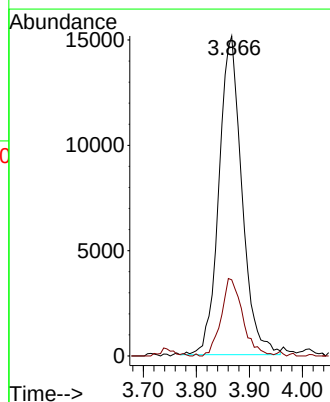
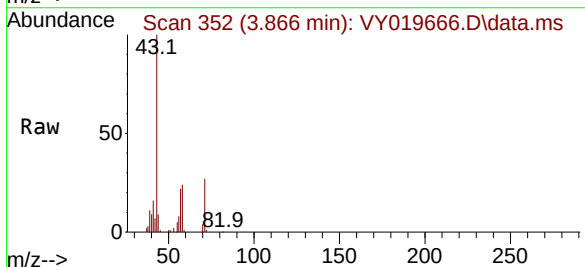
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10A

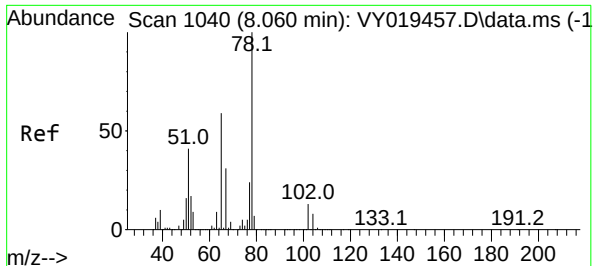
Tgt Ion:168 Resp: 246121
Ion Ratio Lower Upper
168 100
99 57.3 39.1 58.7



#16
Acetone
Concen: 83.911 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

Tgt Ion: 43 Resp: 45559
Ion Ratio Lower Upper
43 100
58 23.4 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 60.167 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

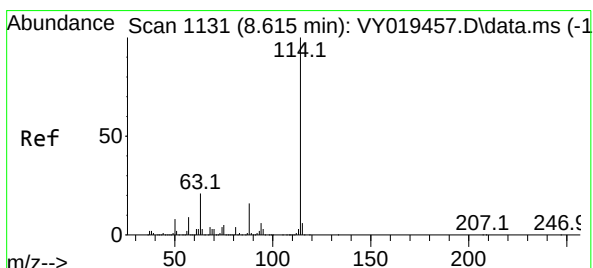
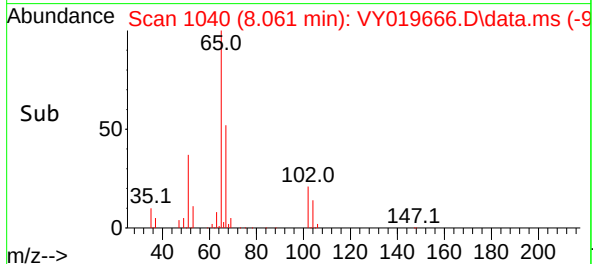
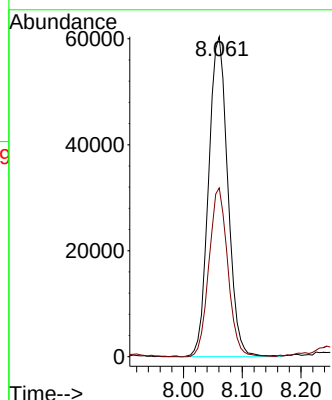
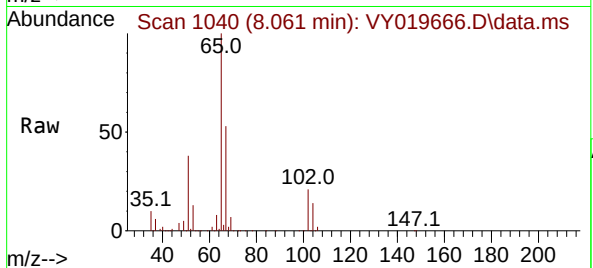
WC-14-7.5-10A

Tgt Ion: 65 Resp: 137122

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

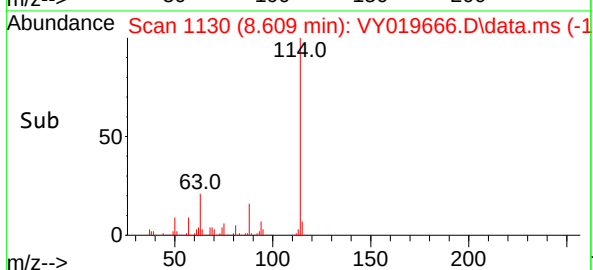
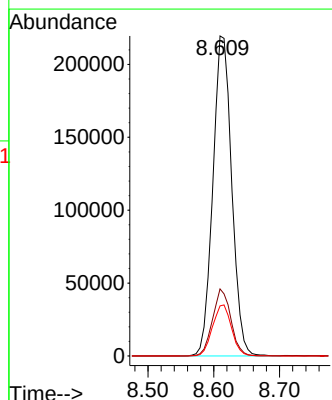
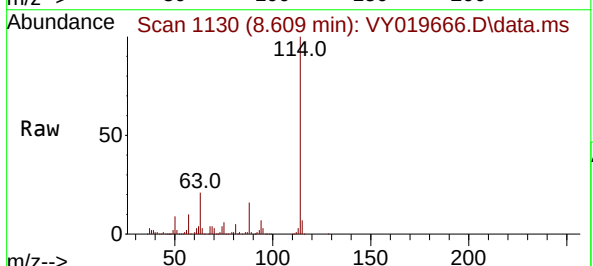
Tgt Ion: 114 Resp: 437830

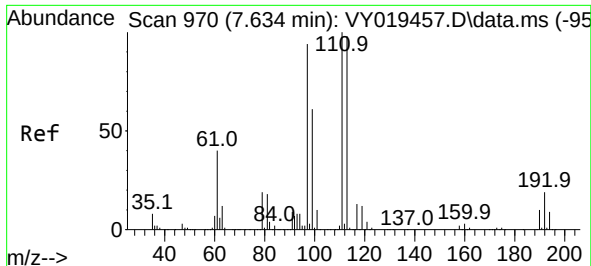
Ion Ratio Lower Upper

114 100

63 21.0 0.0 35.0

88 15.6 0.0 27.2

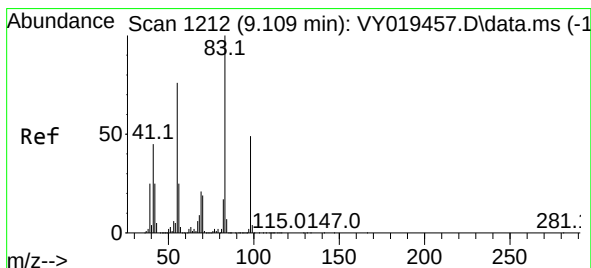
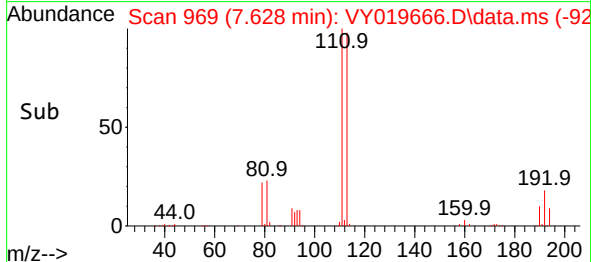
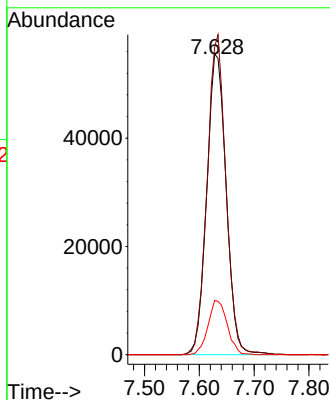
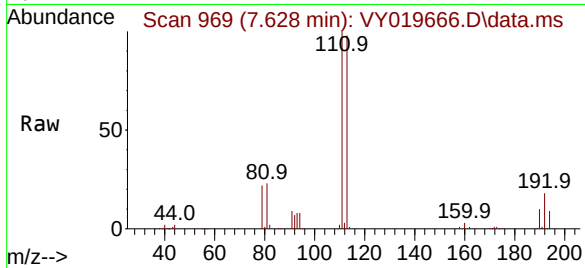




#35
Dibromofluoromethane
Concen: 54.909 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

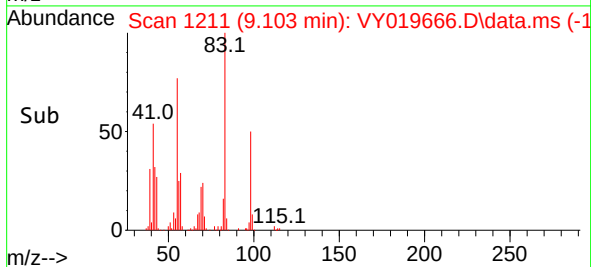
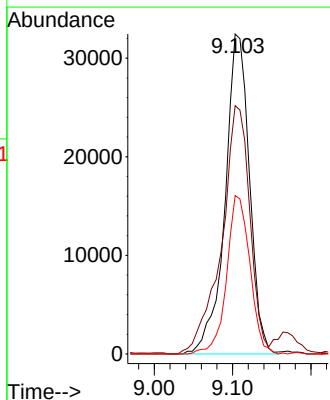
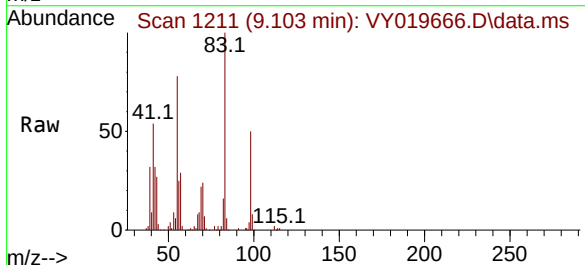
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10A

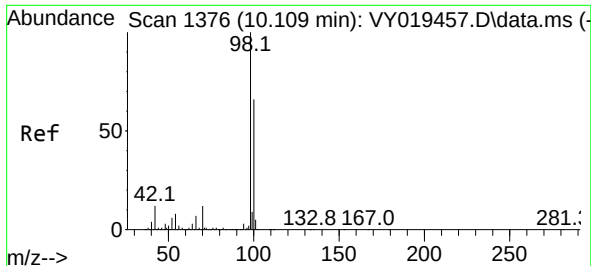
Tgt Ion:113 Resp: 136307
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 17.9 15.9 23.9



#39
Methylcyclohexane
Concen: 15.645 ug/l
RT: 9.103 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

Tgt Ion: 83 Resp: 70329
Ion Ratio Lower Upper
83 100
55 77.6 51.5 77.3#
98 49.5 40.5 60.7

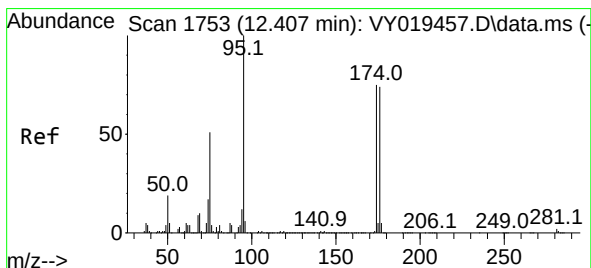
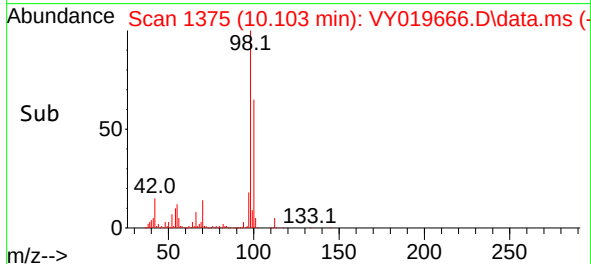
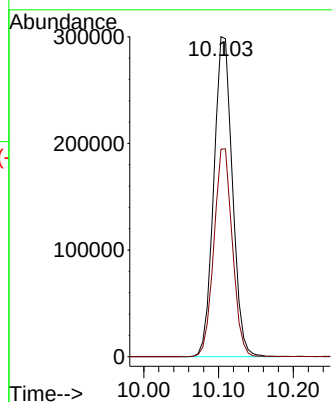
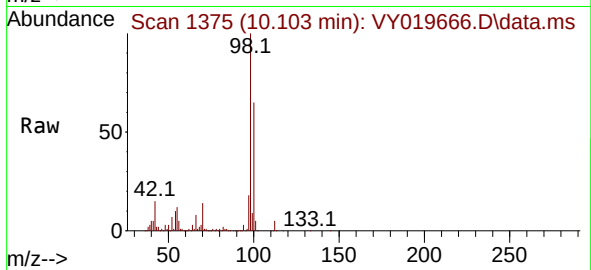




#50
Toluene-d8
Concen: 56.678 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

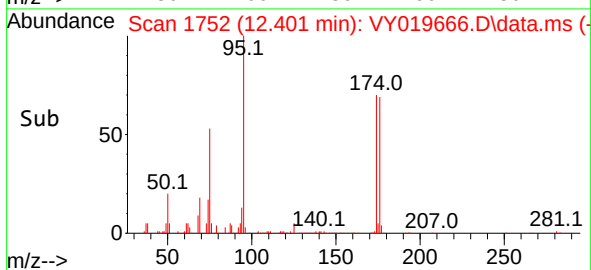
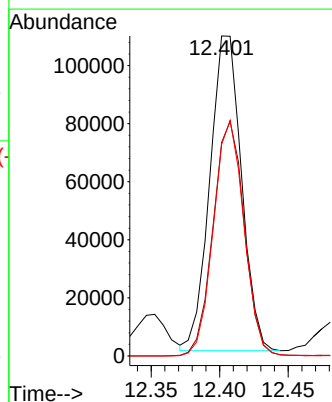
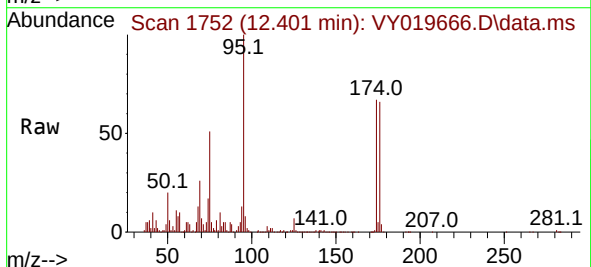
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10A

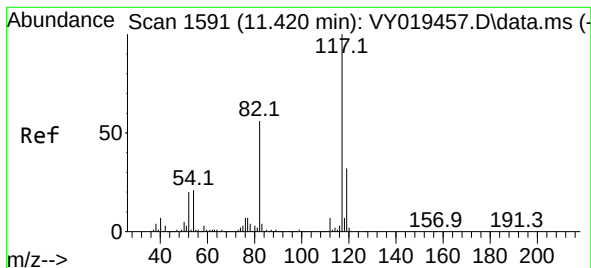
Tgt Ion: 98 Resp: 520407
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.229 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019666.D
Acq: 23 Sep 2024 14:28

Tgt Ion: 95 Resp: 173803
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 72.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

WC-14-7.5-10A

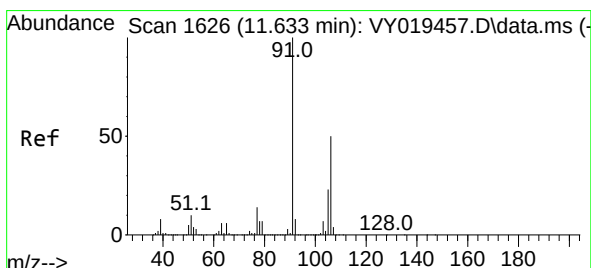
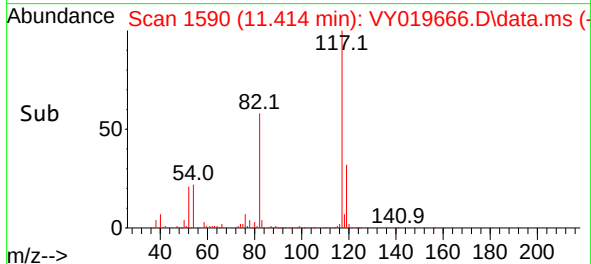
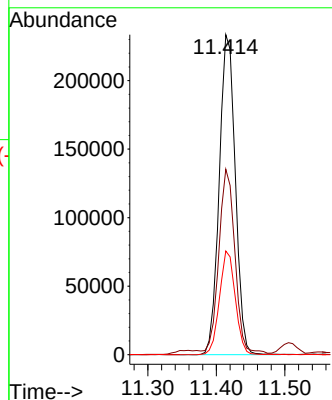
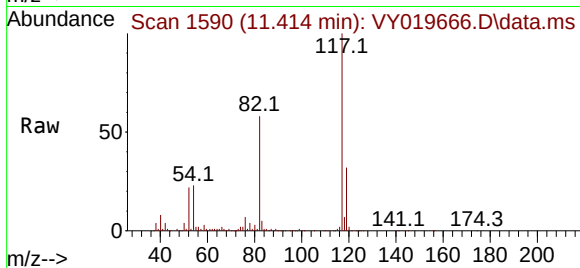
Tgt Ion:117 Resp: 379397

Ion Ratio Lower Upper

117 100

82 56.6 42.4 63.6

119 32.4 25.9 38.9



#68

m/p-Xylenes

Concen: 2.280 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019666.D

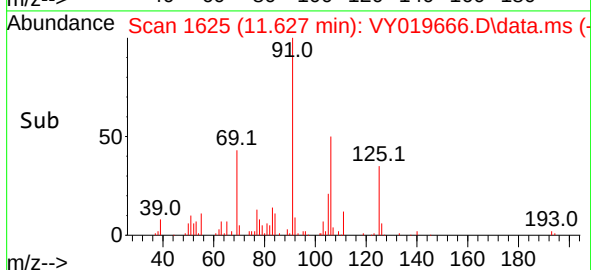
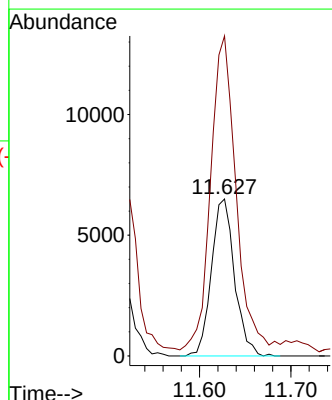
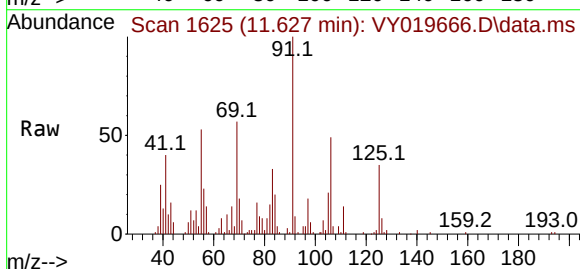
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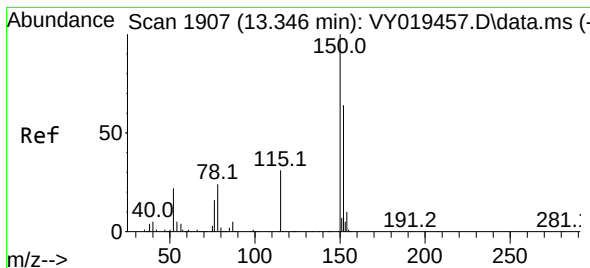
Tgt Ion:106 Resp: 11432

Ion Ratio Lower Upper

106 100

91 219.0 156.0 234.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

WC-14-7.5-10A

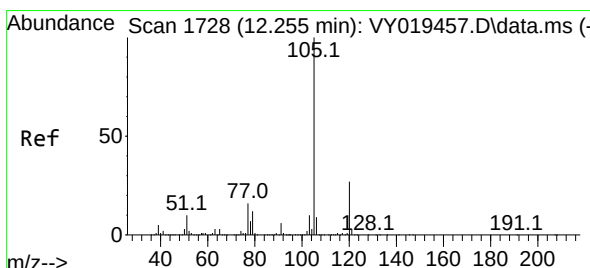
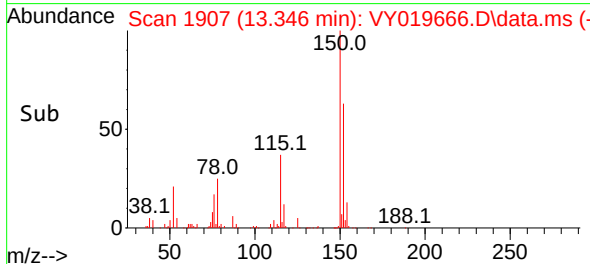
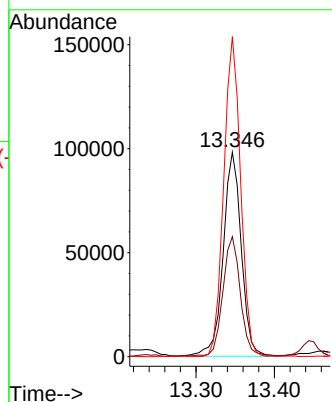
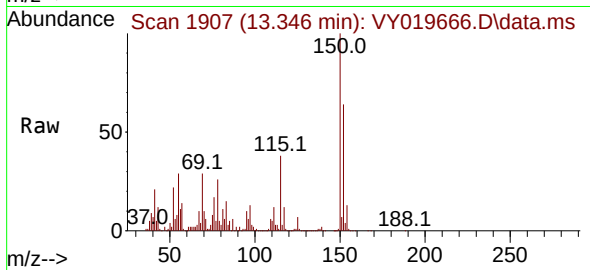
Tgt Ion:152 Resp: 157433

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 146.4 0.0 345.6



#73

Isopropylbenzene

Concen: 16.093 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019666.D

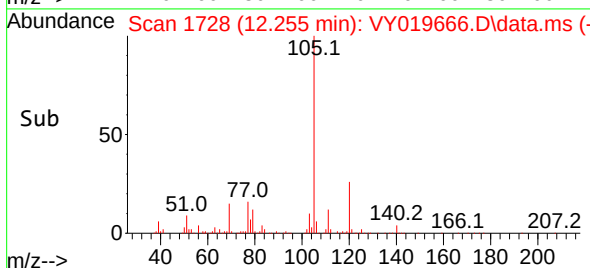
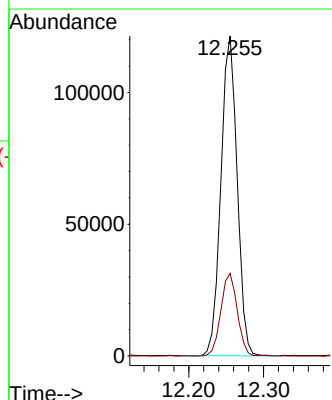
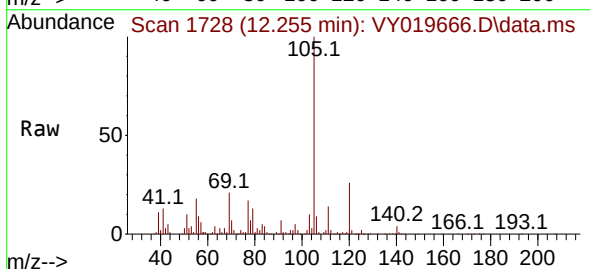
Acq: 23 Sep 2024 14:28

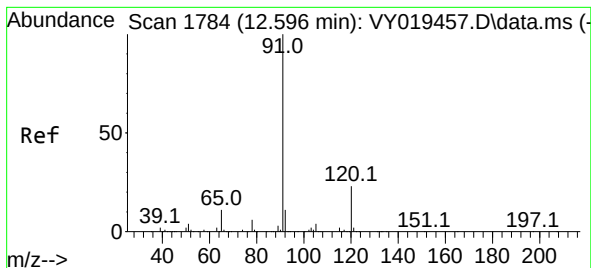
Tgt Ion:105 Resp: 183799

Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.1





#78

n-propylbenzene

Concen: 45.474 ug/l

RT: 12.597 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019666.D

Acq: 23 Sep 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

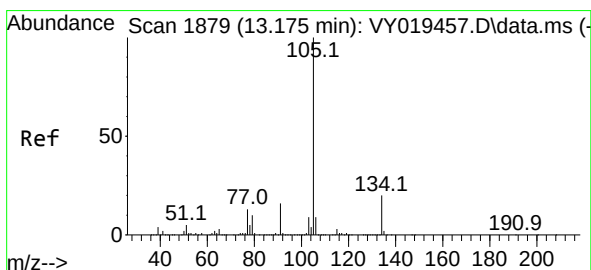
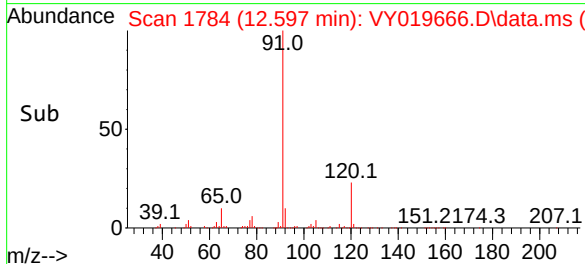
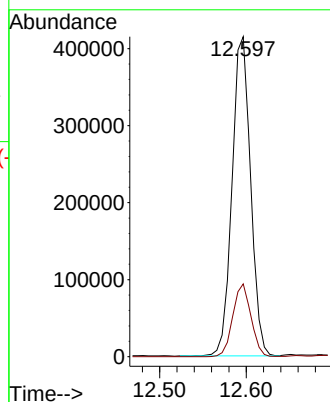
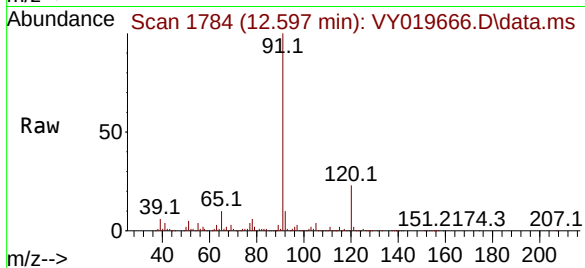
WC-14-7.5-10A

Tgt Ion: 91 Resp: 615598

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4



#85

sec-Butylbenzene

Concen: 56.544 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019666.D

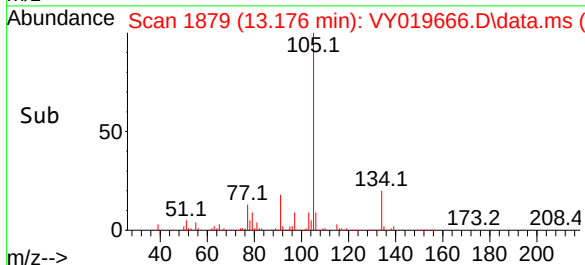
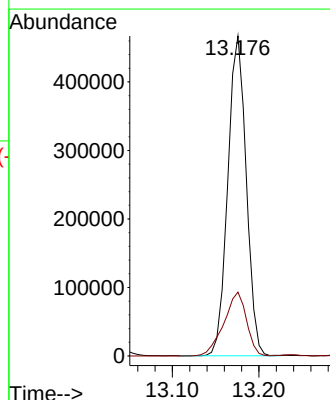
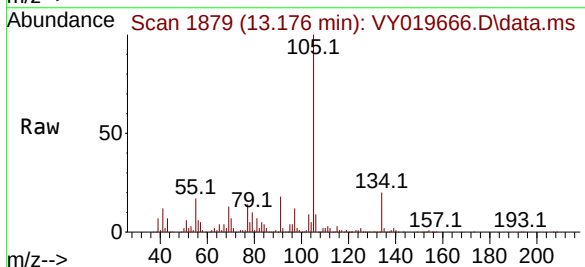
Acq: 23 Sep 2024 14:28

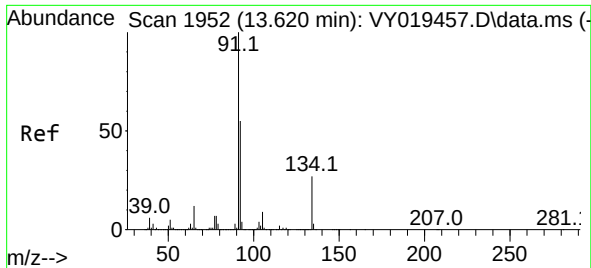
Tgt Ion: 105 Resp: 690467

Ion Ratio Lower Upper

105 100

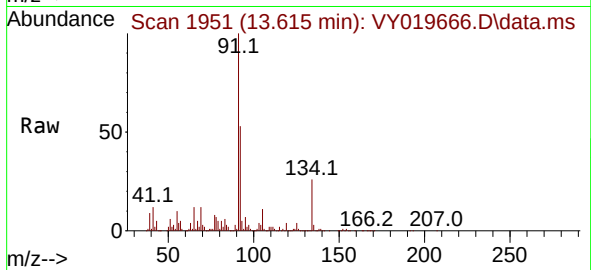
134 24.5 10.1 30.1





#89
 n-Butylbenzene
 Concen: 81.465 ug/l
 RT: 13.615 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: VY019666.D
 Acq: 23 Sep 2024 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14-7.5-10A



Tgt Ion: 91 Resp: 778069

Ion	Ratio	Lower	Upper
91	100		
92	49.3	26.6	79.7
134	37.6	12.9	38.7

