

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043115.D
 Acq On : 24 Sep 2024 11:58
 Operator : JC/MD
 Sample : P4103-16ME
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-23ME

Quant Time: Sep 25 05:01:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

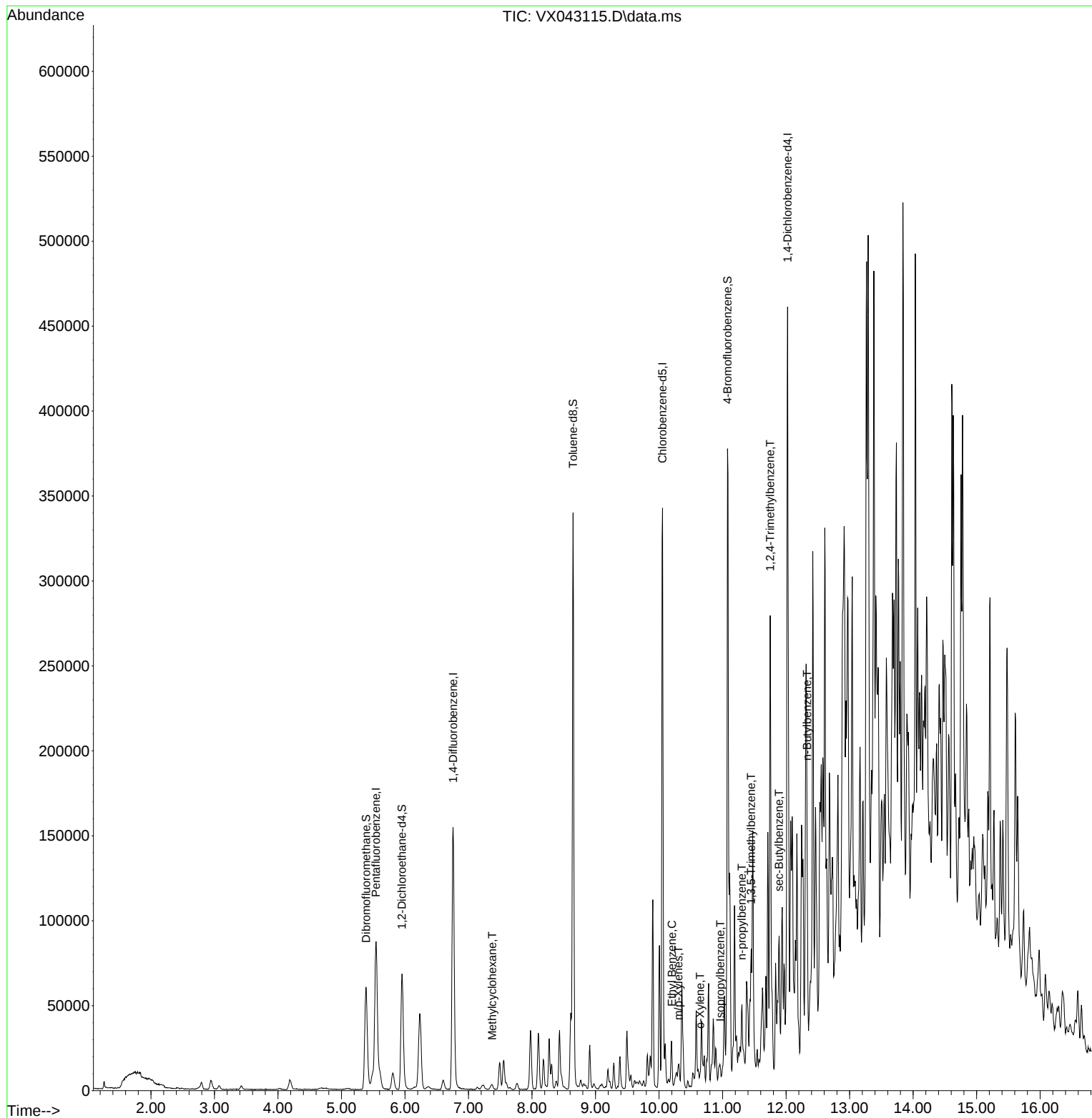
Internal Standards						
1) Pentafluorobenzene	5.544	168	80428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	158875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71597	53.593	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.180%	
35) Dibromofluoromethane	5.385	113	53099	47.378	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.760%	
50) Toluene-d8	8.647	98	194746	51.360	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.720%	
62) 4-Bromofluorobenzene	11.079	95	82645	54.123	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.240%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.373	83	1234	0.714	ug/l #	88
67) Ethyl Benzene	10.201	91	1527	0.272	ug/l	96
68) m/p-Xylenes	10.305	106	2129	1.020	ug/l	94
69) o-Xylene	10.646	106	621	0.297	ug/l	90
73) Isopropylbenzene	10.963	105	2526	0.412	ug/l	97
78) n-propylbenzene	11.305	91	19557	2.815	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	25700	5.072	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	93049	18.459	ug/l	99
85) sec-Butylbenzene	11.890	105	9206	1.435	ug/l	97
89) n-Butylbenzene	12.329	91	42566	9.168	ug/l #	54

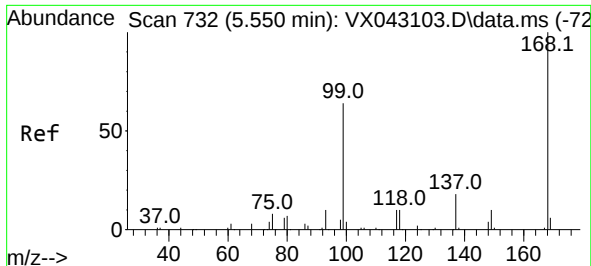
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.006 min

Lab File: VX043115.D

Acq: 24 Sep 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

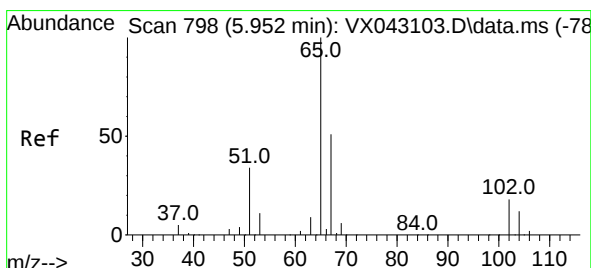
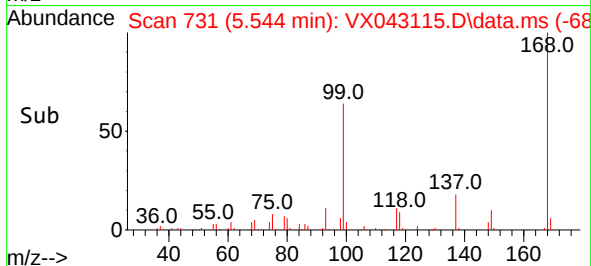
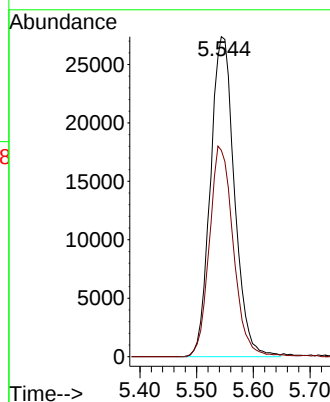
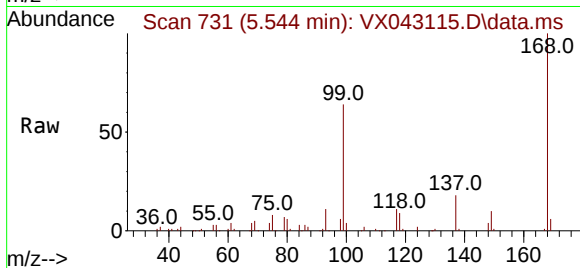
WC-23ME

Tgt Ion:168 Resp: 80428

Ion Ratio Lower Upper

168 100

99 64.5 50.8 76.2



#33

1,2-Dichloroethane-d4

Concen: 53.593 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043115.D

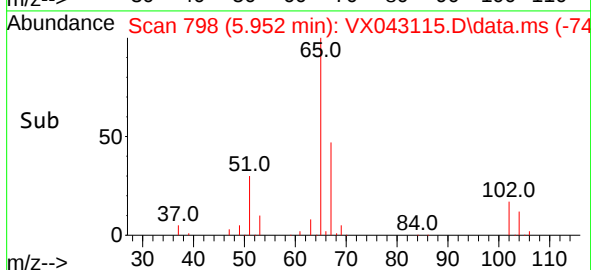
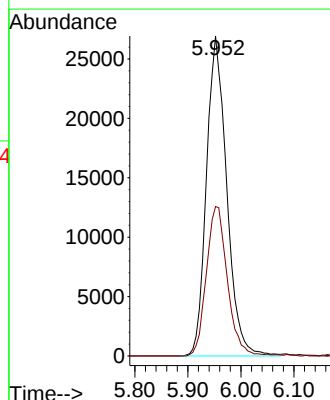
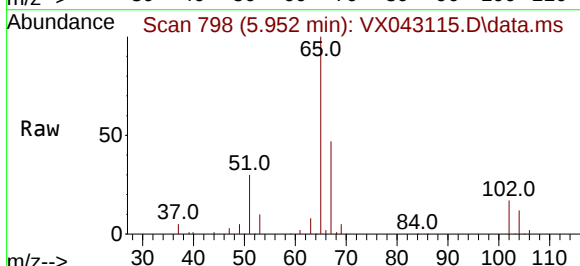
Acq: 24 Sep 2024 11:58

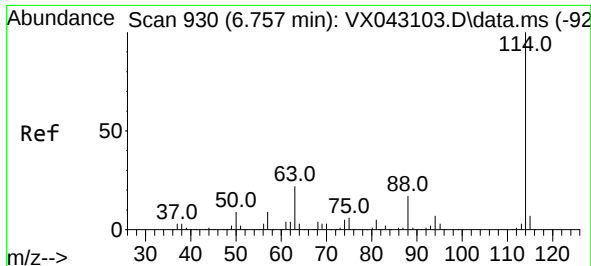
Tgt Ion: 65 Resp: 71597

Ion Ratio Lower Upper

65 100

67 48.5 0.0 99.0

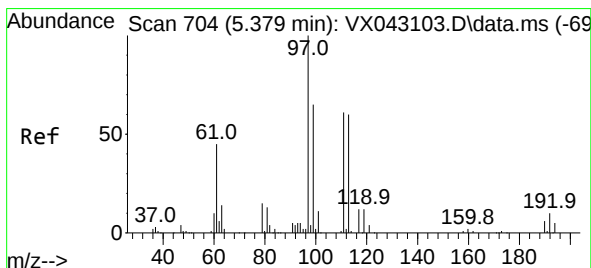
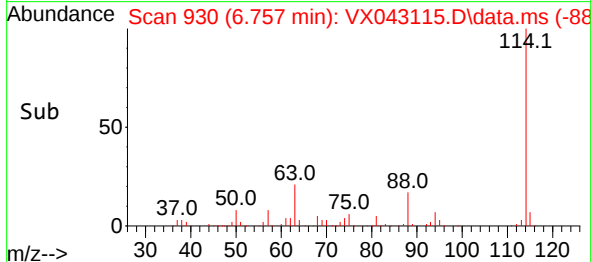
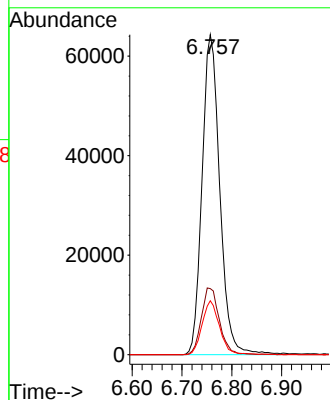
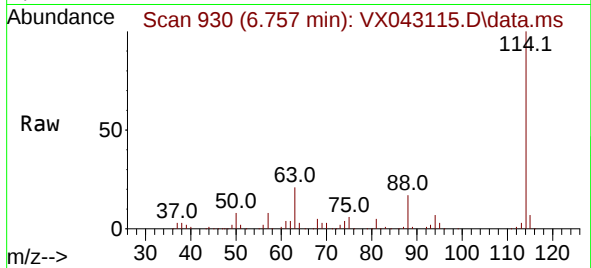




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043115.D
Acq: 24 Sep 2024 11:58

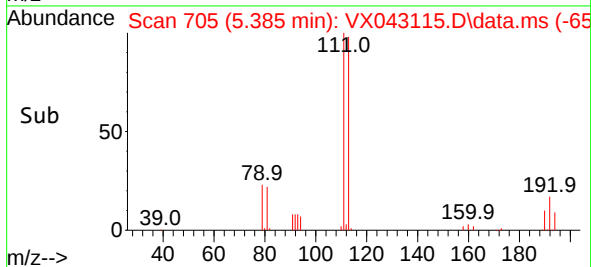
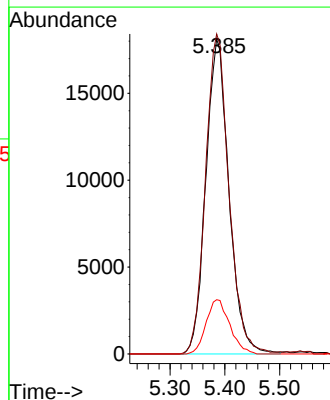
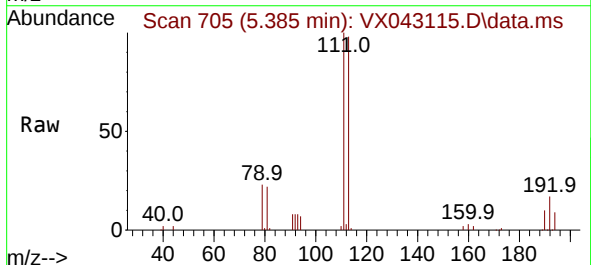
Instrument :
MSVOA_X
ClientSampleId :
WC-23ME

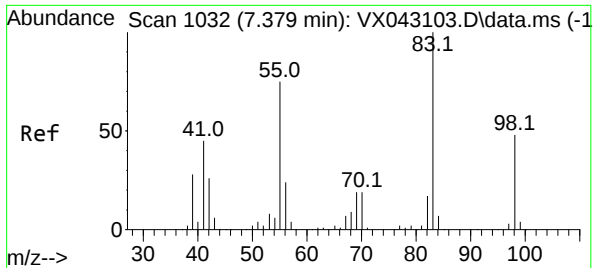
Tgt Ion:114 Resp: 158875
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.2
88 16.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.378 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043115.D
Acq: 24 Sep 2024 11:58

Tgt Ion:113 Resp: 53099
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 17.6 14.6 22.0





#39

Methylcyclohexane

Concen: 0.714 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX043115.D

Acq: 24 Sep 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

WC-23ME

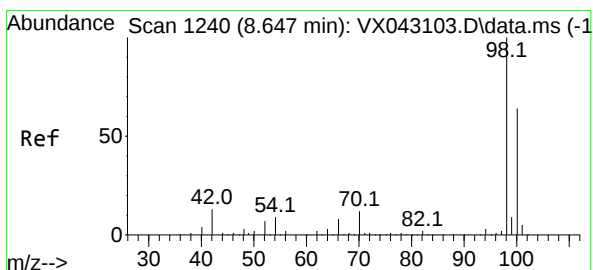
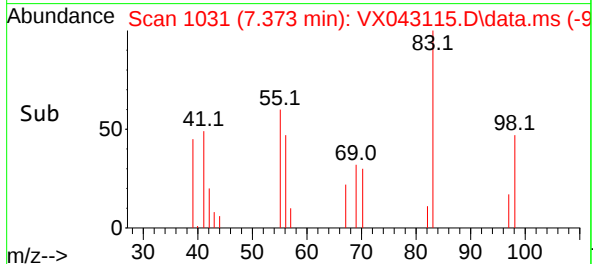
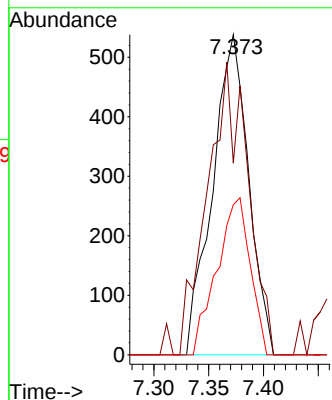
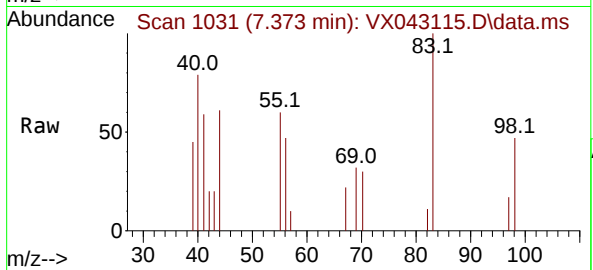
Tgt Ion: 83 Resp: 1234

Ion Ratio Lower Upper

83 100

55 59.9 60.2 90.4#

98 46.8 38.6 58.0



#50

Toluene-d8

Concen: 51.360 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043115.D

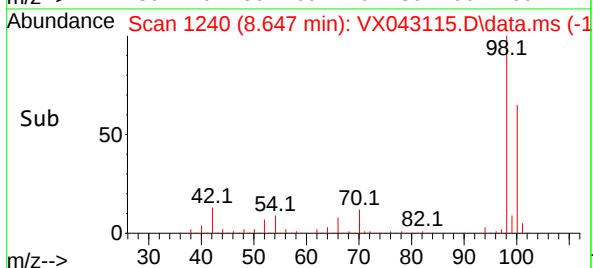
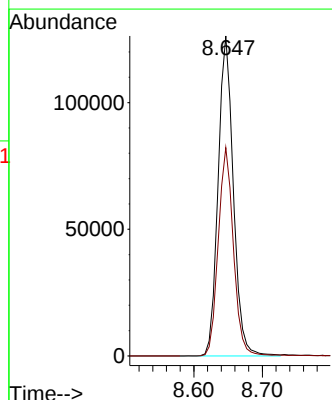
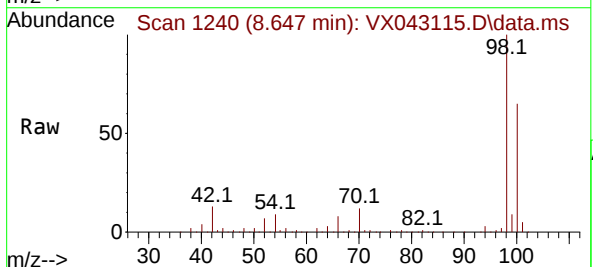
Acq: 24 Sep 2024 11:58

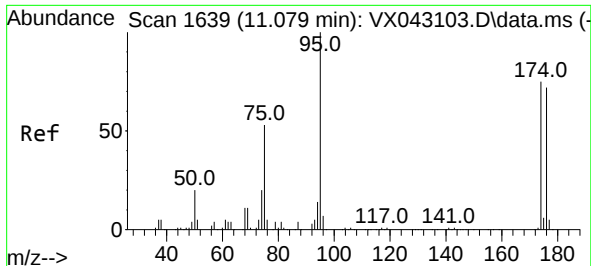
Tgt Ion: 98 Resp: 194746

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 54.123 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043115.D

Acq: 24 Sep 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

WC-23ME

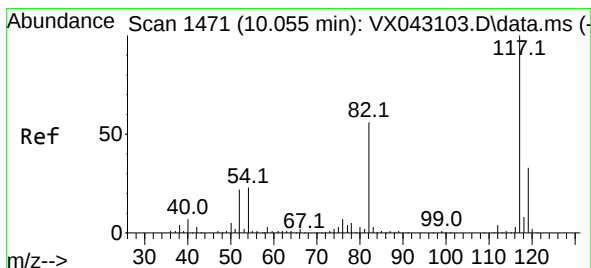
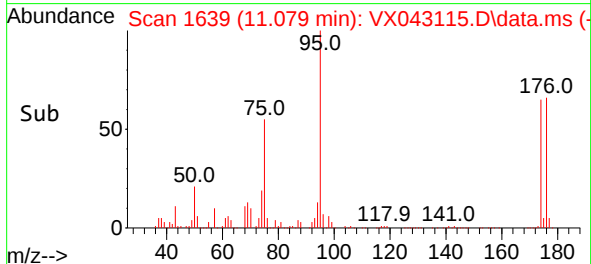
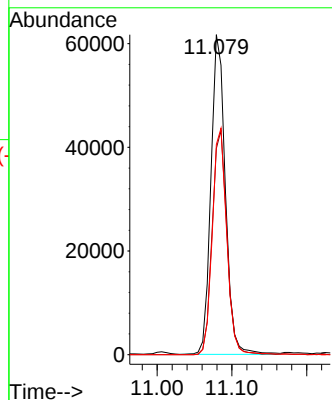
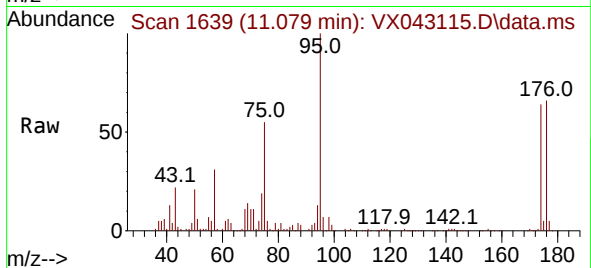
Tgt Ion: 95 Resp: 82645

Ion Ratio Lower Upper

95 100

174 71.5 0.0 146.0

176 70.8 0.0 142.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043115.D

Acq: 24 Sep 2024 11:58

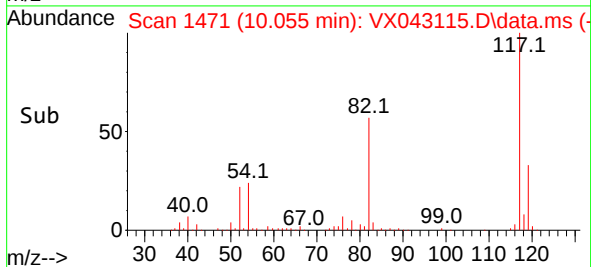
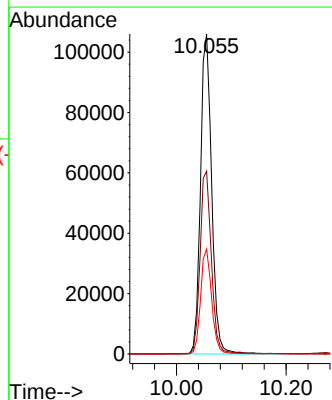
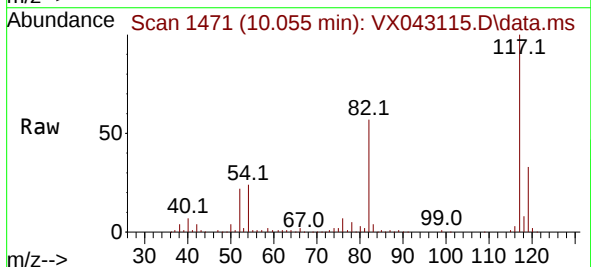
Tgt Ion: 117 Resp: 150231

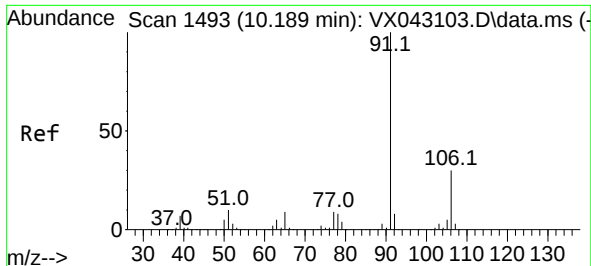
Ion Ratio Lower Upper

117 100

82 57.1 44.7 67.1

119 32.8 26.3 39.5





#67

Ethyl Benzene

Concen: 0.272 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.012 min

Lab File: VX043115.D

Acq: 24 Sep 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

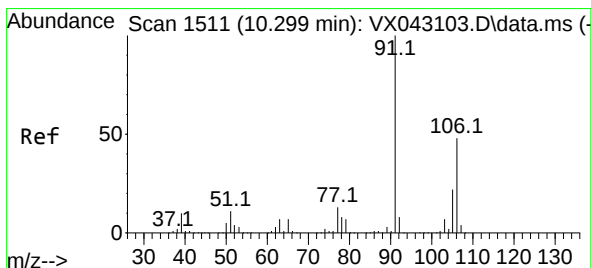
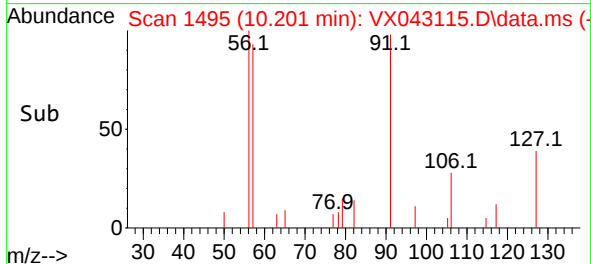
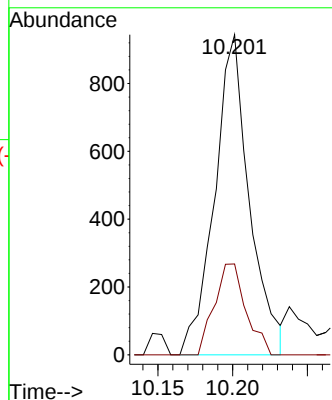
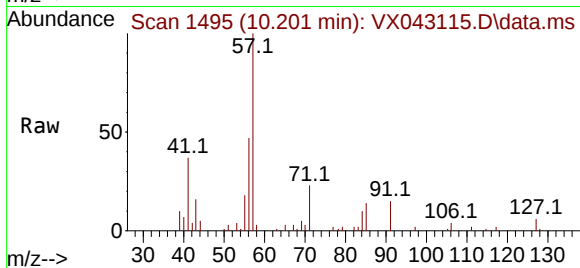
WC-23ME

Tgt Ion: 91 Resp: 1527

Ion Ratio Lower Upper

91 100

106 28.4 24.2 36.4



#68

m/p-Xylenes

Concen: 1.020 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX043115.D

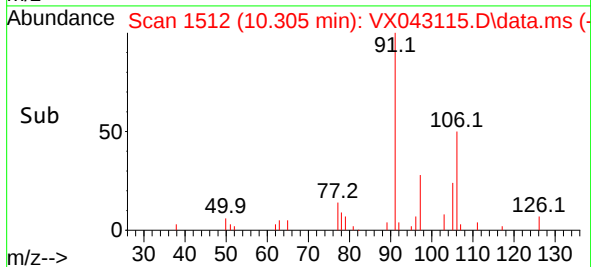
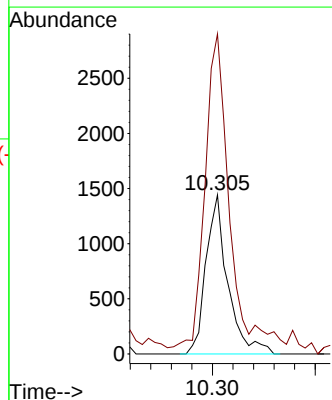
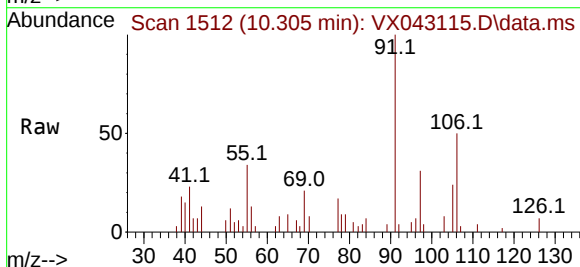
Acq: 24 Sep 2024 11:58

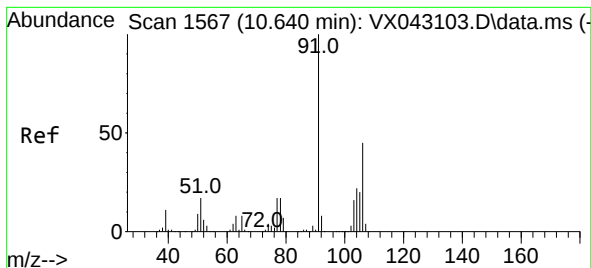
Tgt Ion: 106 Resp: 2129

Ion Ratio Lower Upper

106 100

91 218.5 167.5 251.3





#69

o-Xylene

Concen: 0.297 ug/l

RT: 10.646 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043115.D

Acq: 24 Sep 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

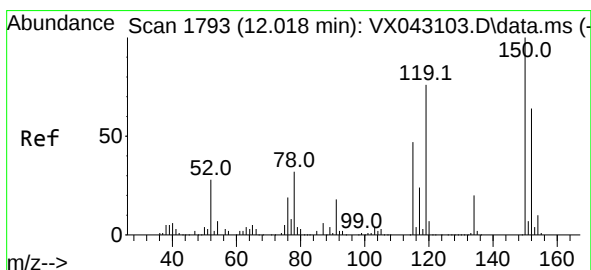
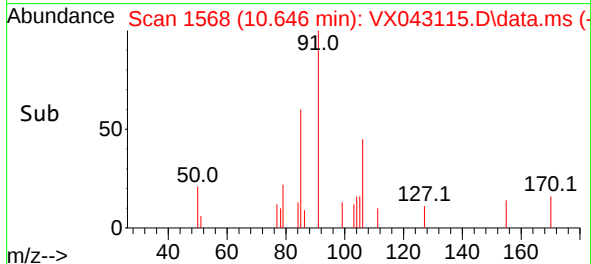
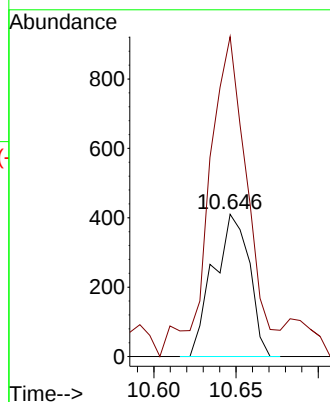
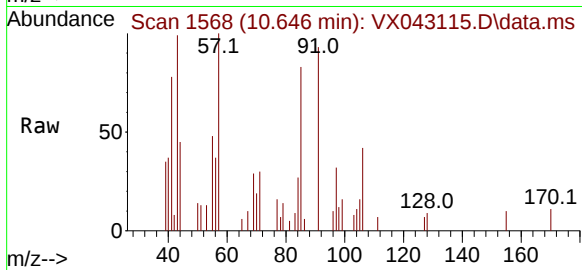
WC-23ME

Tgt Ion:106 Resp: 621

Ion Ratio Lower Upper

106 100

91 241.4 112.5 337.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX043115.D

Acq: 24 Sep 2024 11:58

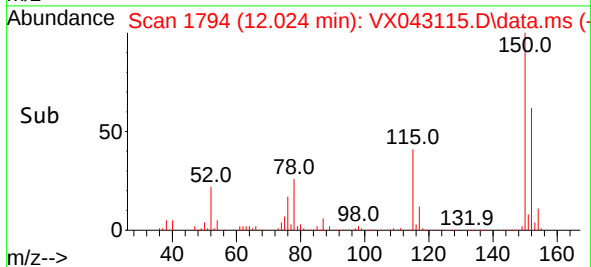
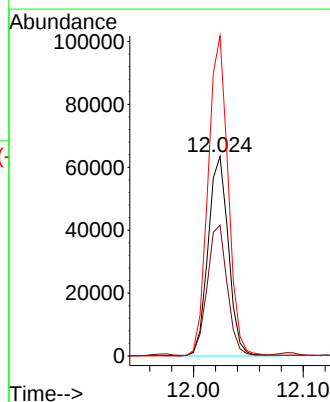
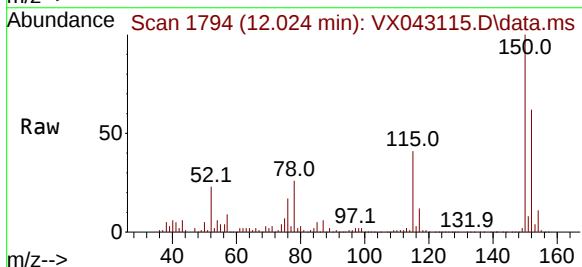
Tgt Ion:152 Resp: 81658

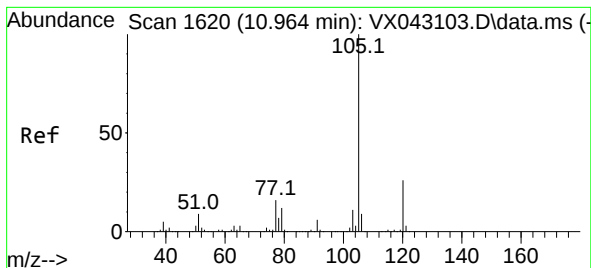
Ion Ratio Lower Upper

152 100

115 64.3 43.7 131.1

150 158.7 0.0 344.6





#73

Isopropylbenzene

Concen: 0.412 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043115.D

Acq: 24 Sep 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

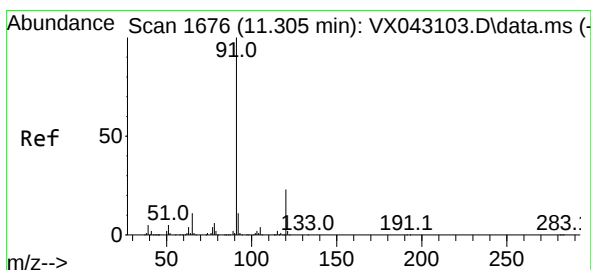
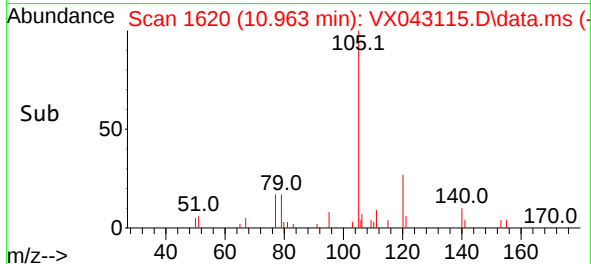
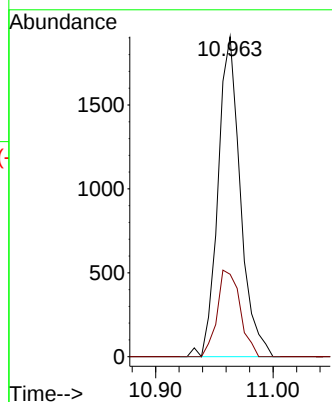
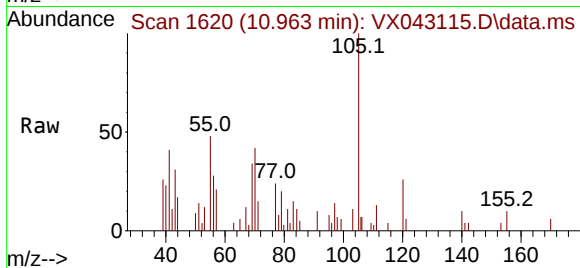
WC-23ME

Tgt Ion:105 Resp: 2526

Ion Ratio Lower Upper

105 100

120 27.7 13.0 39.0



#78

n-propylbenzene

Concen: 2.815 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX043115.D

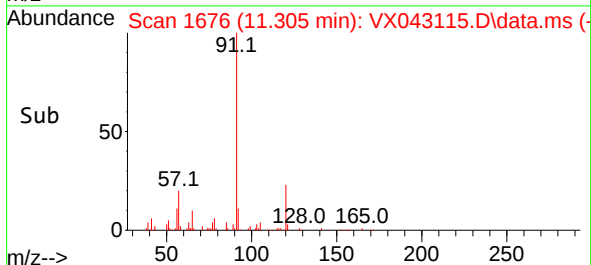
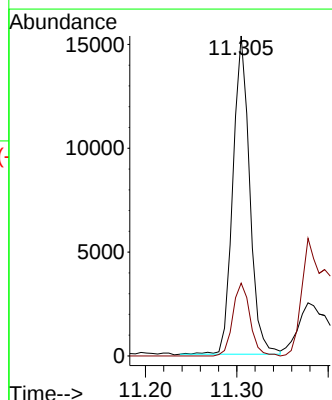
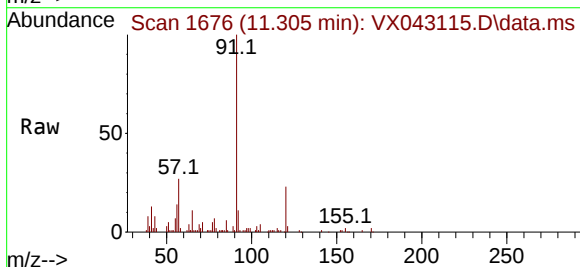
Acq: 24 Sep 2024 11:58

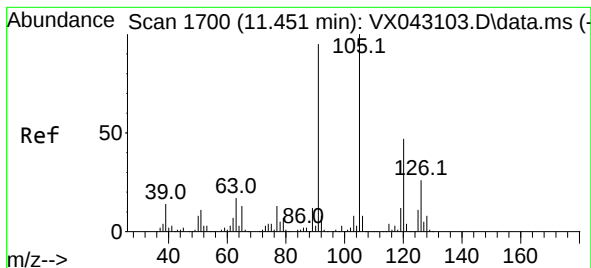
Tgt Ion: 91 Resp: 19557

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.5





#80

1,3,5-Trimethylbenzene

Concen: 5.072 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043115.D

Acq: 24 Sep 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

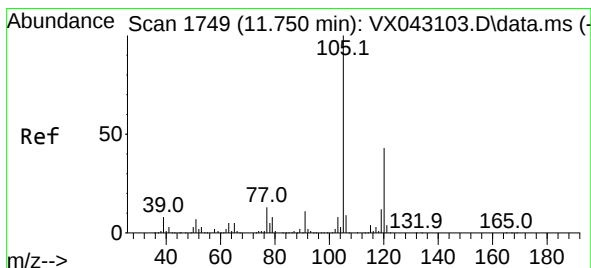
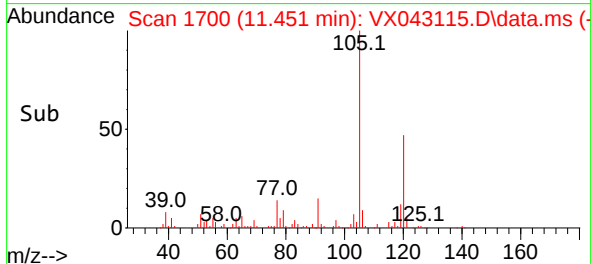
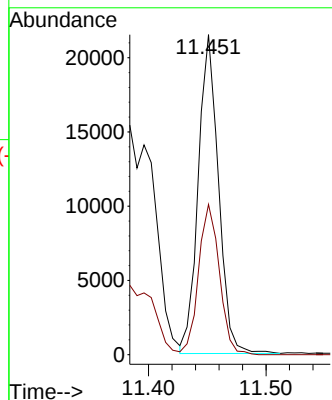
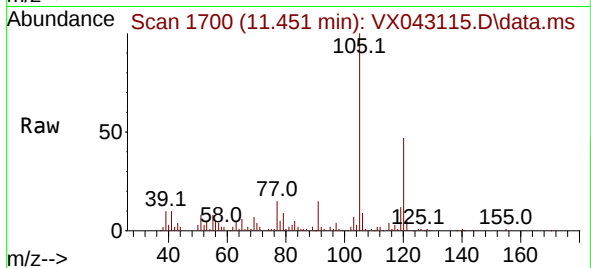
WC-23ME

Tgt Ion:105 Resp: 25700

Ion Ratio Lower Upper

105 100

120 48.5 23.5 70.5



#84

1,2,4-Trimethylbenzene

Concen: 18.459 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043115.D

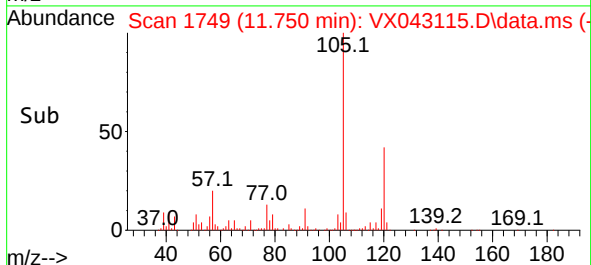
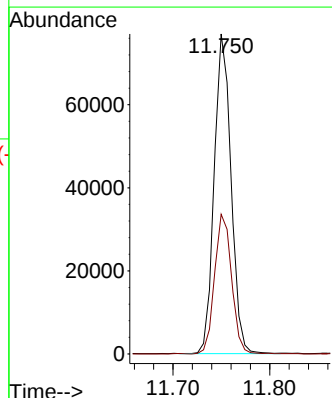
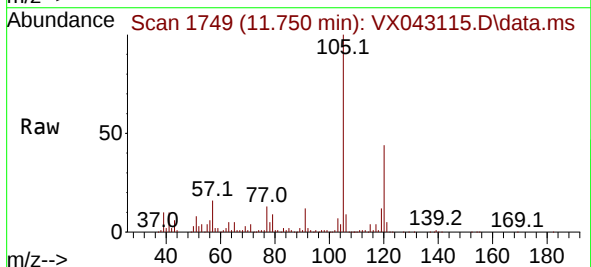
Acq: 24 Sep 2024 11:58

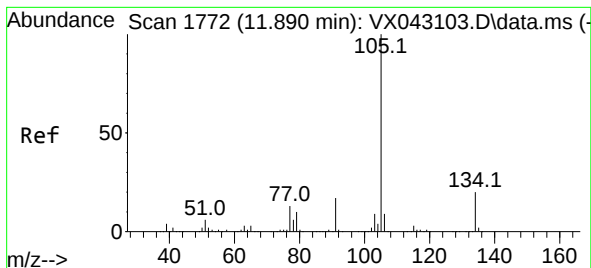
Tgt Ion:105 Resp: 93049

Ion Ratio Lower Upper

105 100

120 44.4 21.8 65.4





#85

sec-Butylbenzene

Concen: 1.435 ug/l

RT: 11.890 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043115.D

Acq: 24 Sep 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

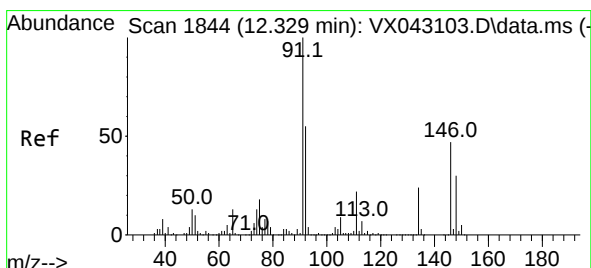
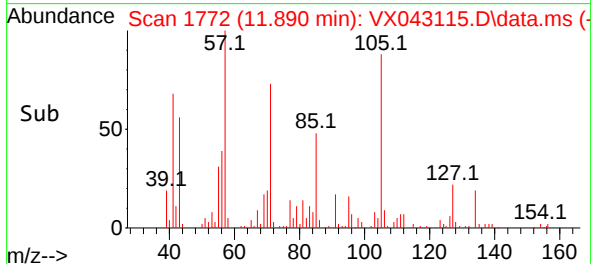
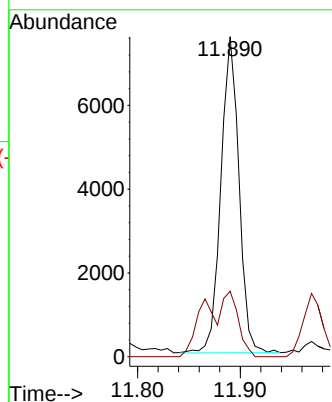
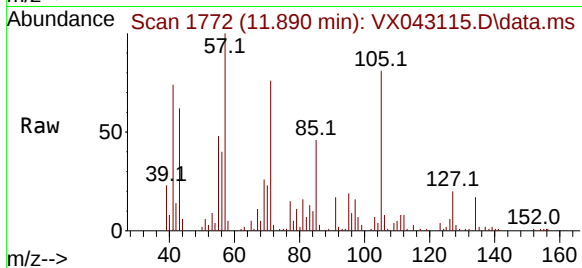
WC-23ME

Tgt Ion:105 Resp: 9206

Ion Ratio Lower Upper

105 100

134 18.6 10.0 29.8



#89

n-Butylbenzene

Concen: 9.168 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX043115.D

Acq: 24 Sep 2024 11:58

Tgt Ion: 91 Resp: 42566

Ion Ratio Lower Upper

91 100

92 39.6 26.9 80.7

134 76.8 12.6 37.6#

