

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002057.D
 Acq On : 27 May 2018 09:09
 Operator : JC/MD
 Sample : J3130-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-5-WC-4

Quant Time: May 28 06:39:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

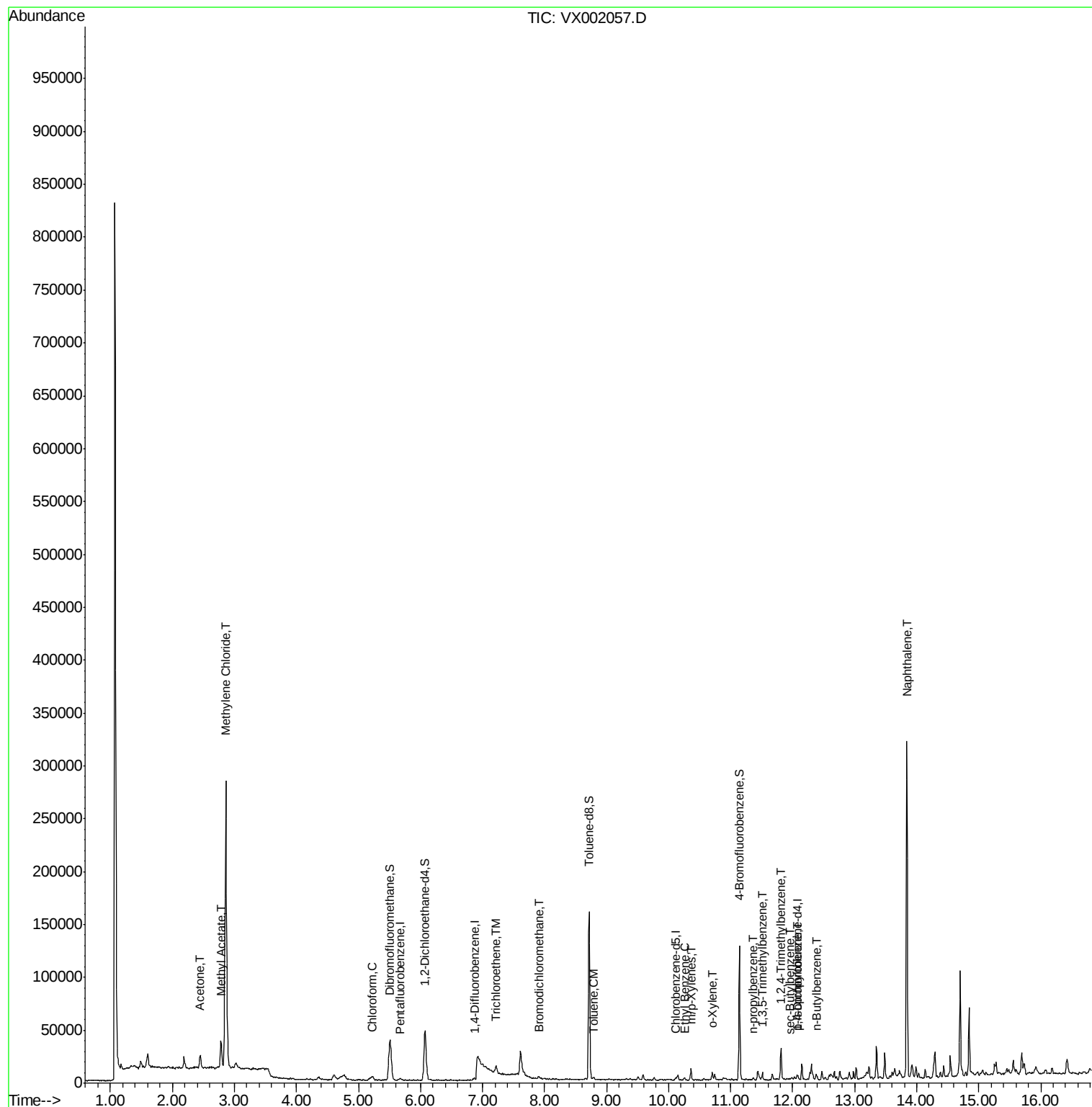
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	1551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	1767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	43800	1579.85	ug/l	0.00
Spiked Amount	50.000		Recovery	= 3159.70%		
35) Dibromofluoromethane	5.51	113	31500	1782.68	ug/l	0.00
Spiked Amount	50.000		Recovery	= 3565.36%		
50) Toluene-d8	8.72	98	90677	1417.45	ug/l	0.00
Spiked Amount	50.000		Recovery	= 2834.90%		
62) 4-Bromofluorobenzene	11.14	95	30745	1228.36	ug/l	0.00
Spiked Amount	50.000		Recovery	= 2456.72%		
Target Compounds						
						Qvalue
16) Acetone	2.45	43	14979	1399.96	ug/l	96
18) Methyl Acetate	2.78	43	29803	1182.01	ug/l	97
20) Methylene Chloride	2.86	84	121599	6788.46	ug/l	98
30) Chloroform	5.23	83	3517	85.14	ug/l	84
44) Trichloroethene	7.21	130	2273	108.32	ug/l	72
47) Bromodichloromethane	7.90	83	1181	42.78	ug/l #	84
52) Toluene	8.79	92	561	12.24	ug/l	80
67) Ethyl Benzene	10.26	91	1285	22.47	ug/l	93
68) m/p-Xylenes	10.36	106	2323	106.25	ug/l	92
69) o-Xylene	10.70	106	1456	66.70	ug/l	85
78) n-propylbenzene	11.37	91	1130	21.16	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	2653	65.12	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	11583	275.11	ug/l	99
85) sec-Butylbenzene	11.95	105	512	10.65	ug/l	92
86) p-Isopropyltoluene	12.07	119	1287	29.93	ug/l #	78
89) n-Butylbenzene	12.39	91	1256	34.47	ug/l #	47
95) Naphthalene	13.84	128	191611	3768.30	ug/l	99

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

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
Data File : VX002057.D
Acq On : 27 May 2018 09:09
Operator : JC/MD
Sample : J3130-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-5-WC-4

Quant Time: May 28 06:39:48 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampled :

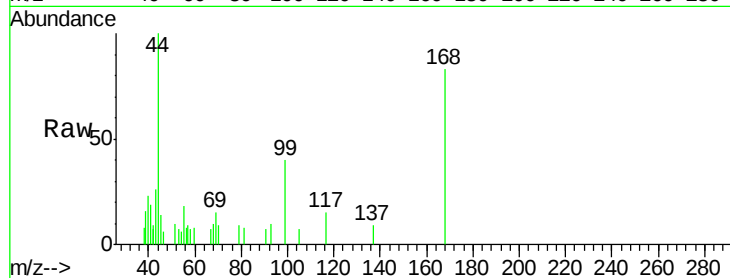
TP-5-WC-4

Tot Ion:168 Resp: 1551

Ion Ratio Lower Upper

168 100

99 48.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

800

600

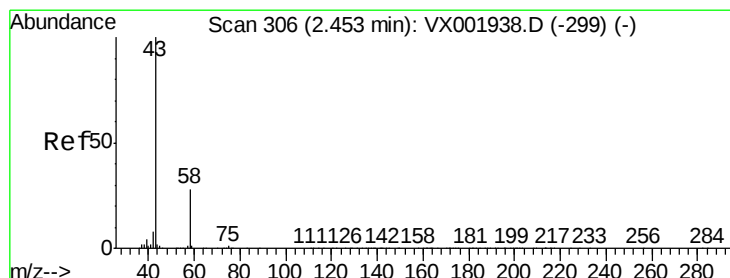
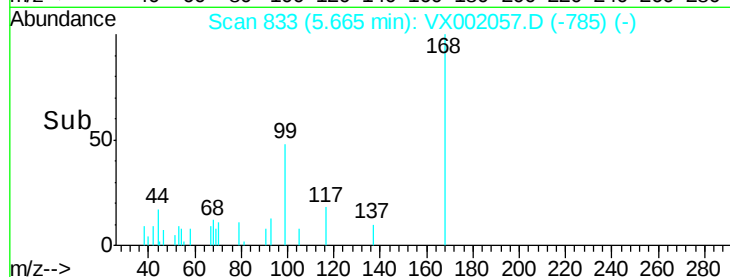
400

200

0

5.60 5.65 5.70 5.75

Time-->



#16

Acetone

Concen: 1399.96 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002057.D

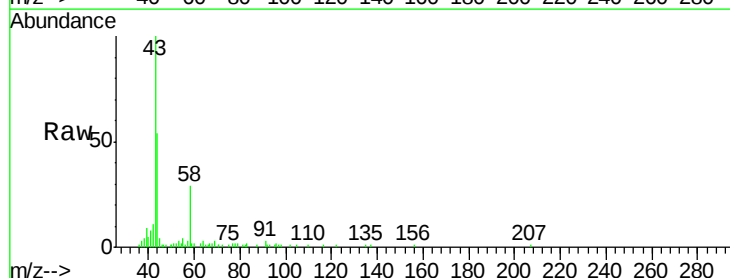
Acq: 27 May 2018 09:09

Tgt Ion: 43 Resp: 14979

Ion Ratio Lower Upper

43 100

58 30.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

6000

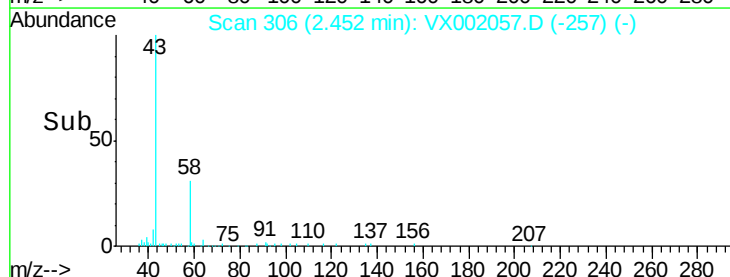
4000

2000

0

2.35 2.40 2.45 2.50 2.55

Time-->

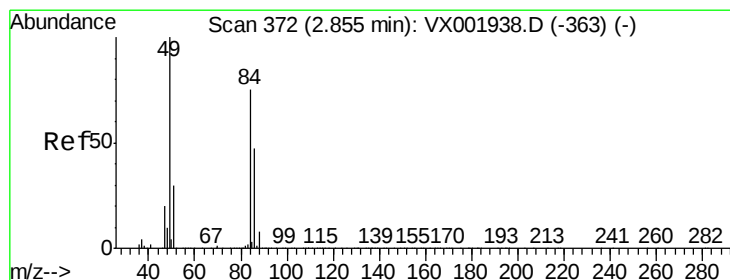
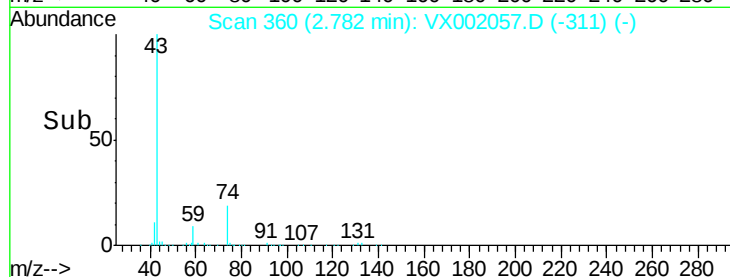
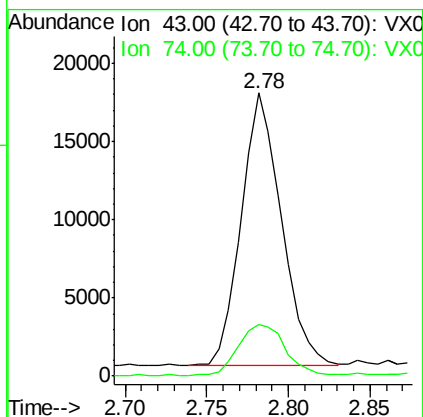
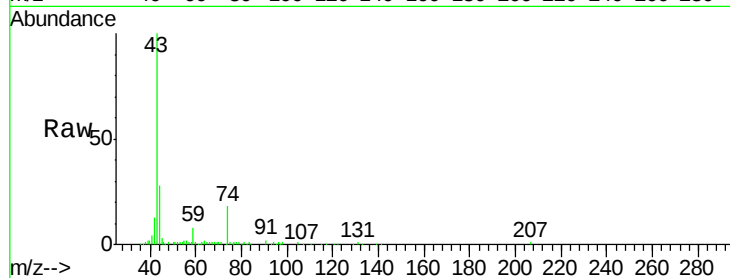




#18
Methvl Acetate
Concen: 1182.01 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

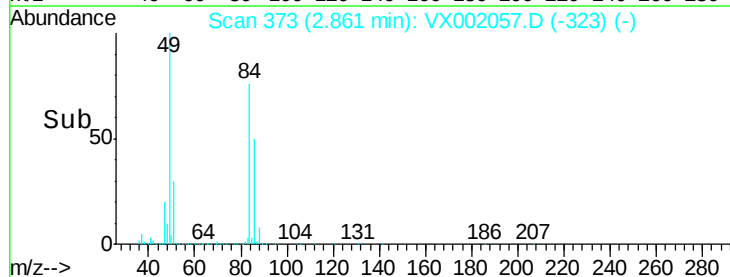
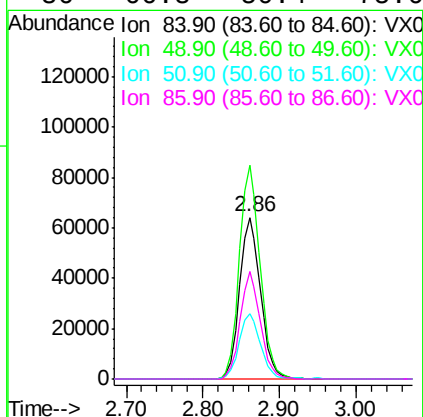
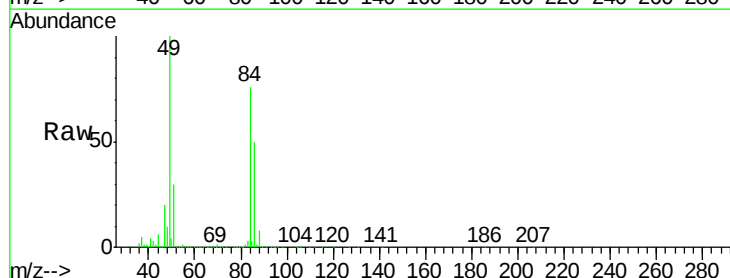
Instrument :
MSVOA_X
ClientSampleId :
TP-5-WC-4

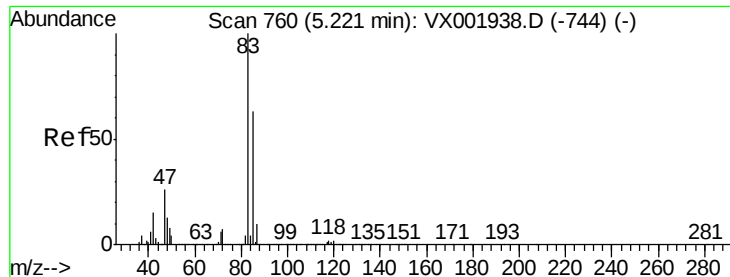
Tot Ion: 43 Resp: 29803
Ion Ratio Lower Upper
43 100
74 22.5 16.8 25.2



#20
Methylene Chloride
Concen: 6788.46 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

Tgt Ion: 84 Resp: 121599
Ion Ratio Lower Upper
84 100
49 132.3 107.2 160.8
51 39.9 32.4 48.6
86 66.8 50.4 75.6

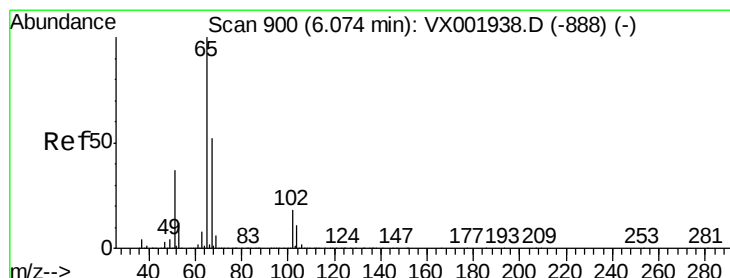
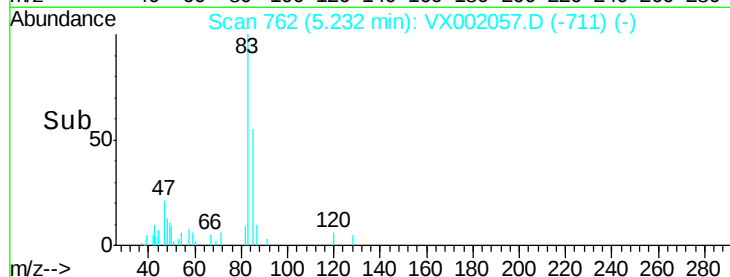
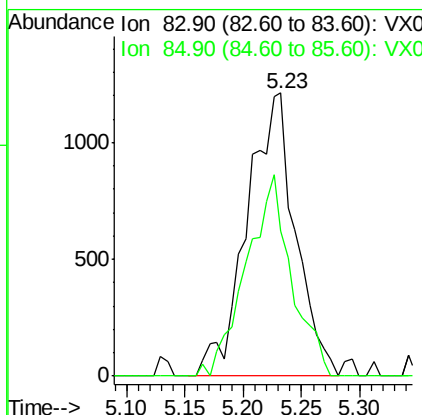
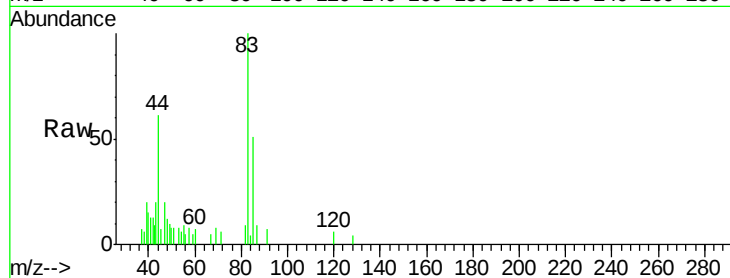




#30
Chloroform
Concen: 85.14 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

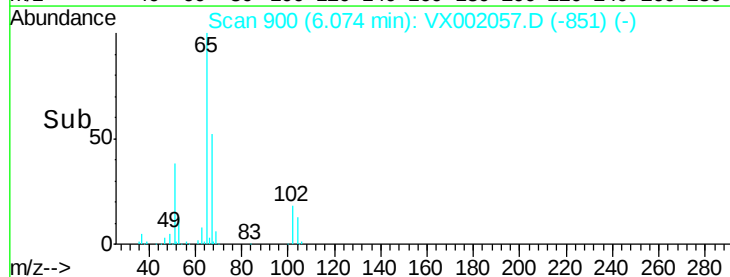
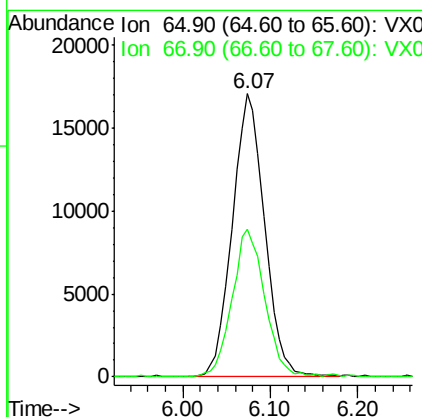
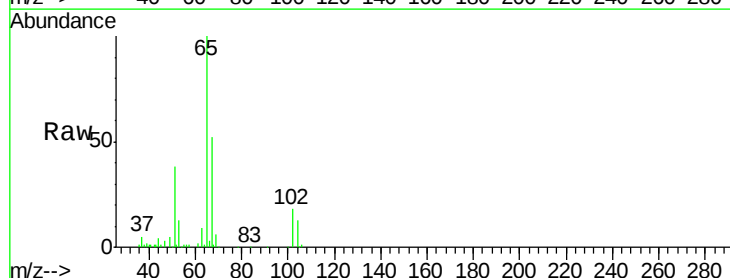
Instrument :
MSVOA_X
ClientSampled :
TP-5-WC-4

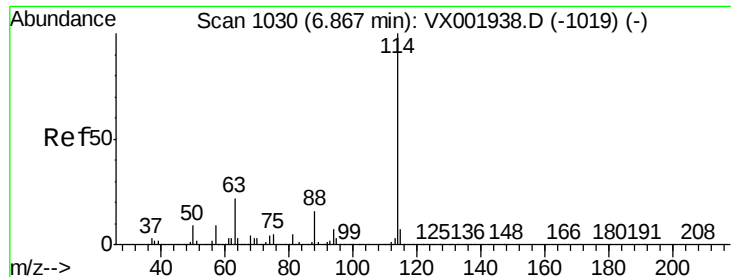
Tot Ion: 83 Resp: 3517
Ion Ratio Lower Upper
83 100
85 51.3 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 1579.85 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

Tgt Ion: 65 Resp: 43800
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.0

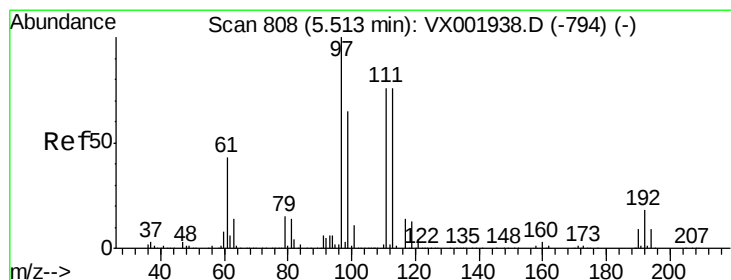
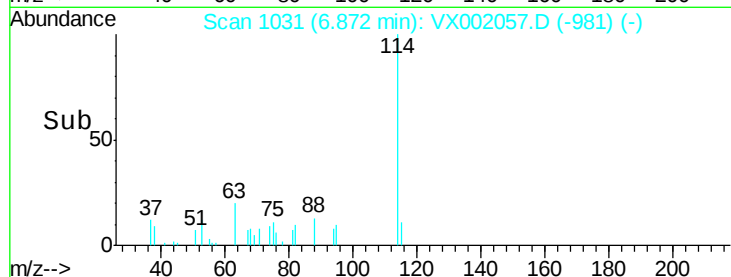
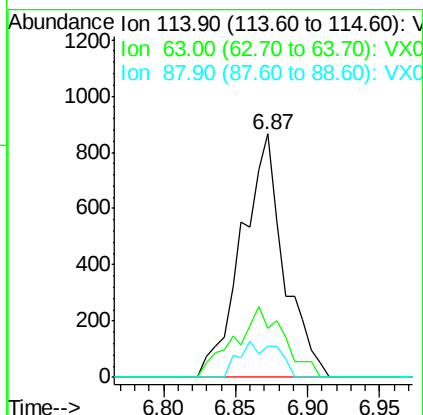
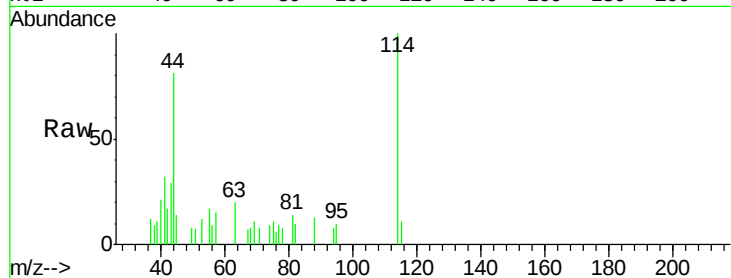




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX002057.D
 Acq: 27 May 2018 09:09

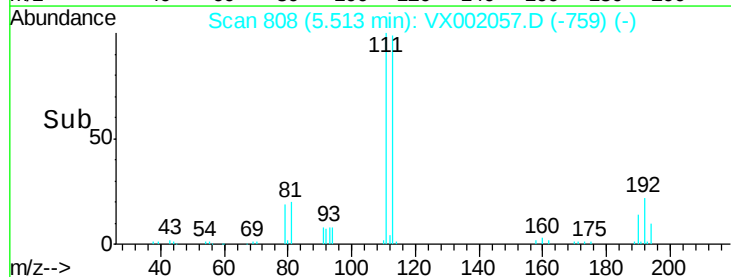
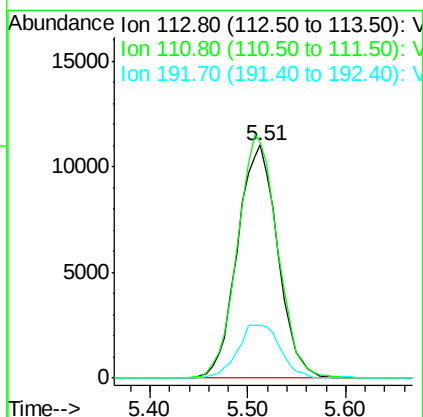
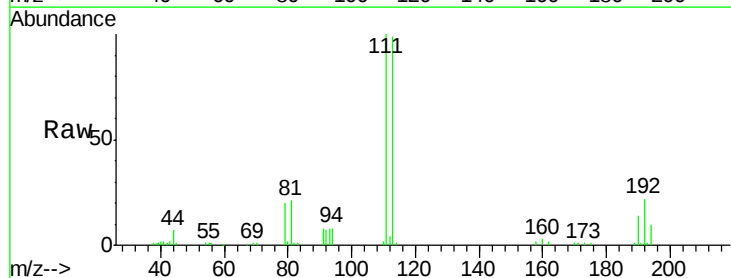
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-5-WC-4

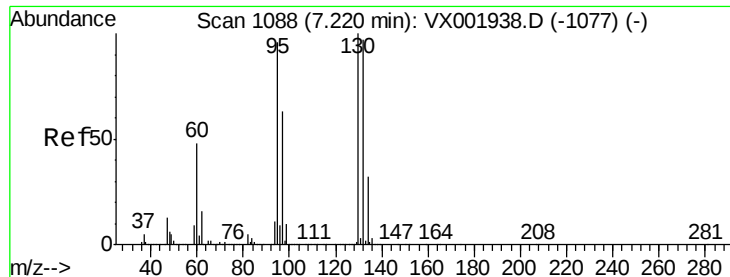
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.2
88	12.6	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 1782.68 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX002057.D
 Acq: 27 May 2018 09:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.0	123.0
192	23.9	18.9	28.3





#44

Trichloroethene

Concen: 108.32 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampled :

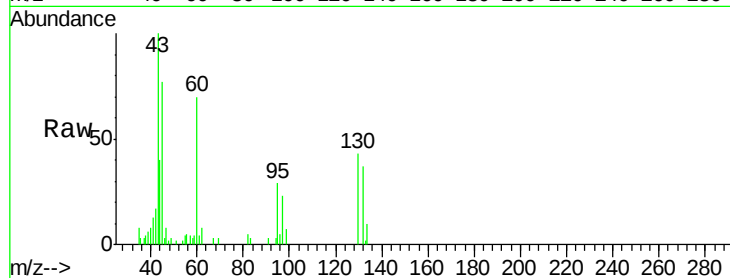
TP-5-WC-4

Tot Ion:130 Resp: 2273

Ion Ratio Lower Upper

130 100

95 68.4 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

1200

1000

800

600

400

200

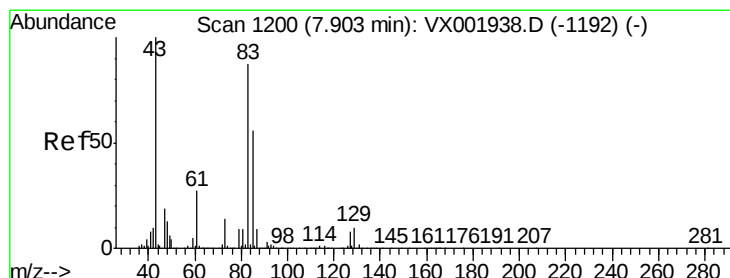
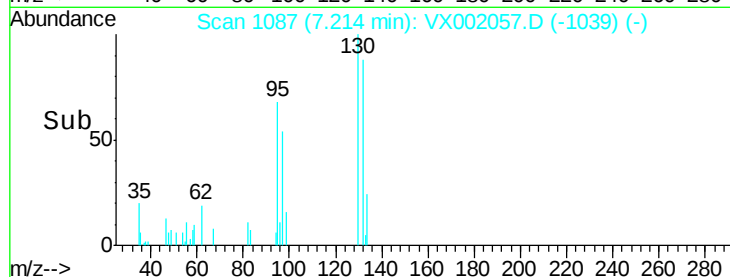
0

7.15

7.20

7.25

Time-->



#47

Bromodichloromethane

Concen: 42.78 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

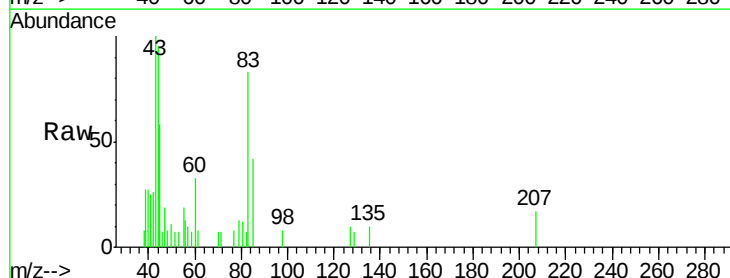
Tgt Ion: 83 Resp: 1181

Ion Ratio Lower Upper

83 100

85 50.9 51.4 77.2#

127 11.5 7.1 10.7#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

800

600

400

200

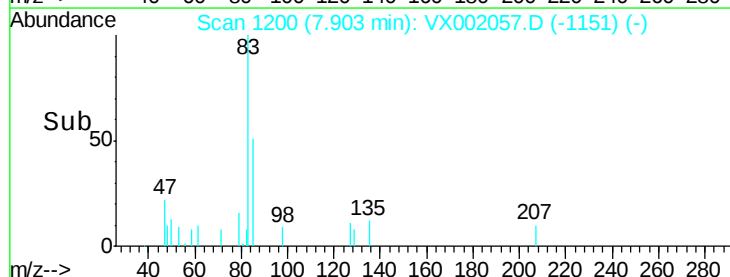
0

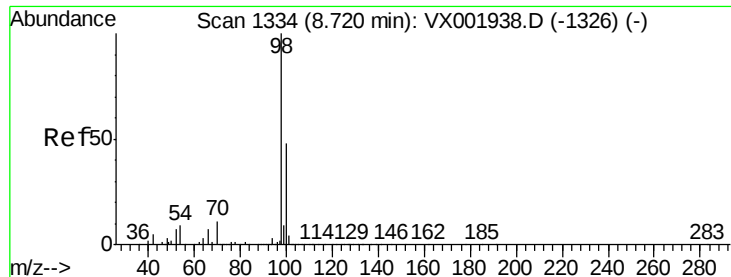
7.85

7.90

7.95

Time-->





#50

Toluene-d8

Concen: 1417.45 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampleId :

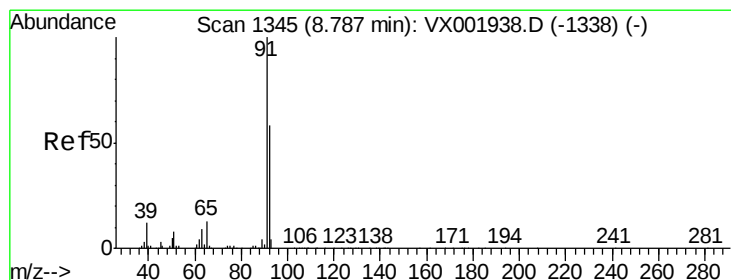
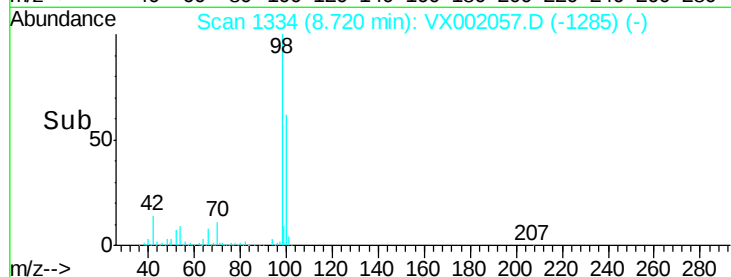
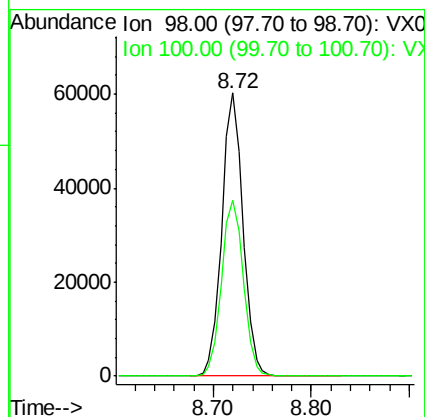
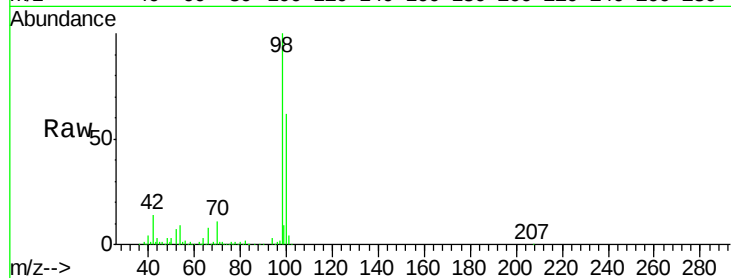
TP-5-WC-4

Tot Ion: 98 Resp: 90677

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



#52

Toluene

Concen: 12.24 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX002057.D

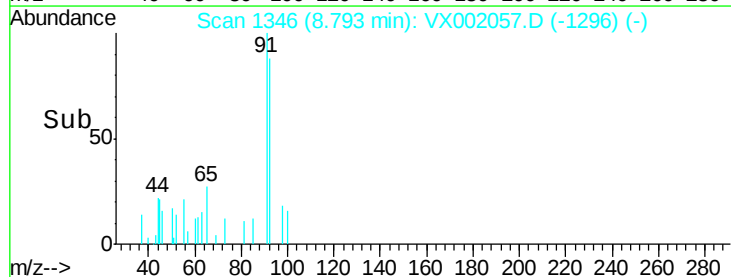
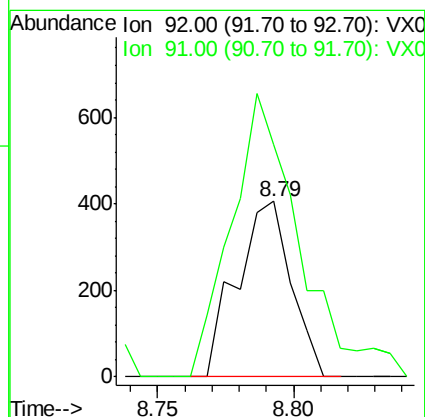
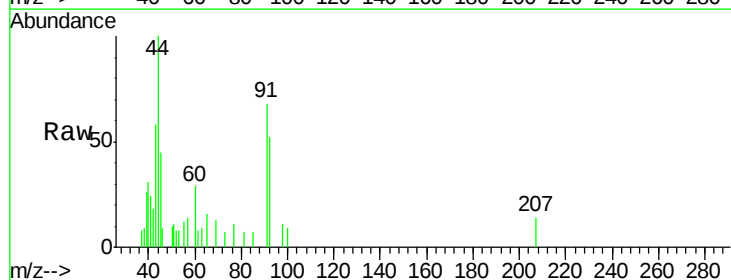
Acq: 27 May 2018 09:09

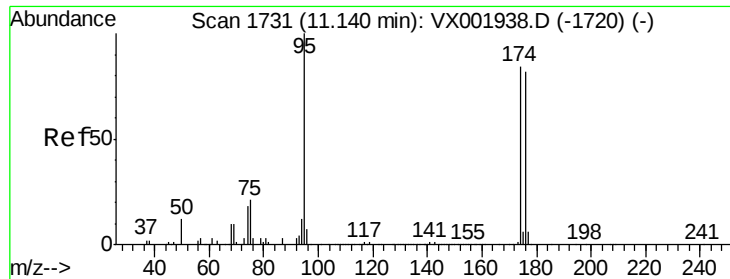
Tgt Ion: 92 Resp: 561

Ion Ratio Lower Upper

92 100

91 202.7 139.4 209.2

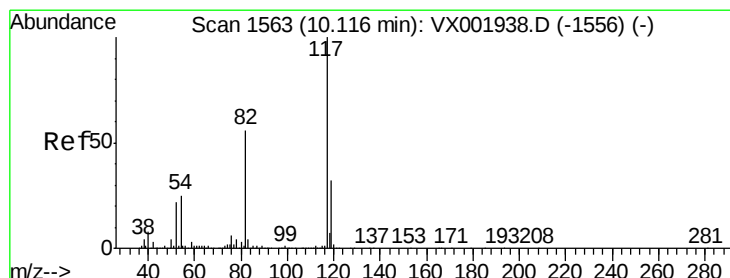
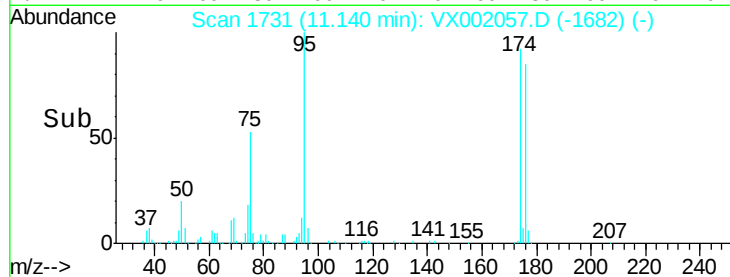
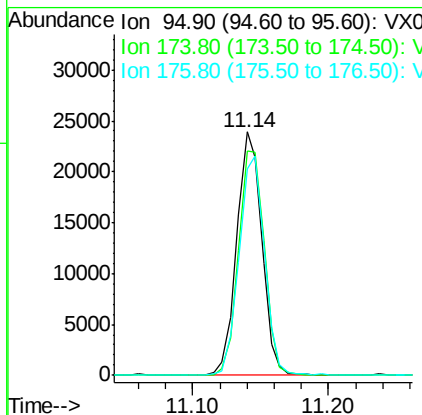
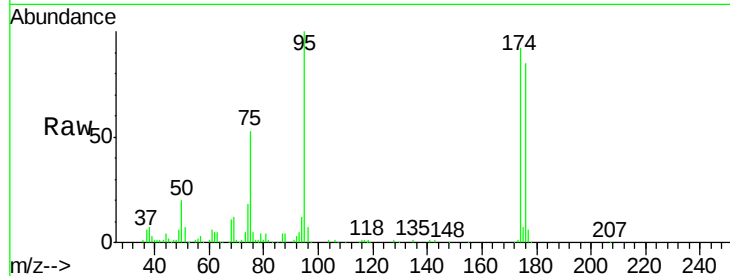




#62
4-Bromofluorobenzene
Concen: 1228.36 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

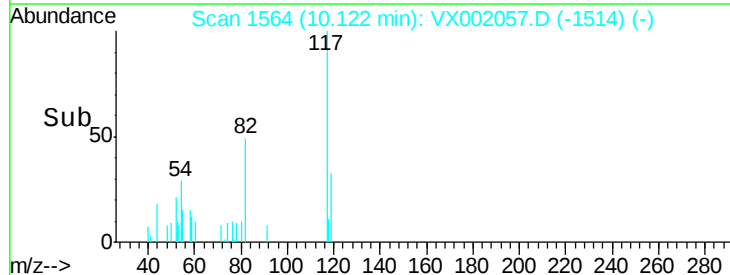
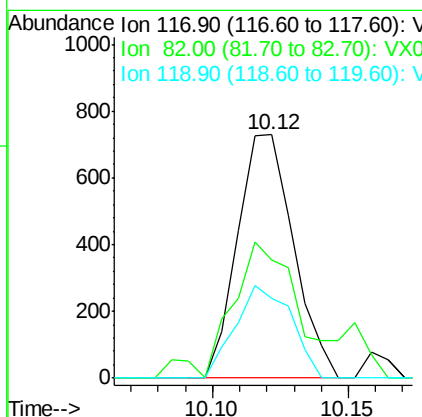
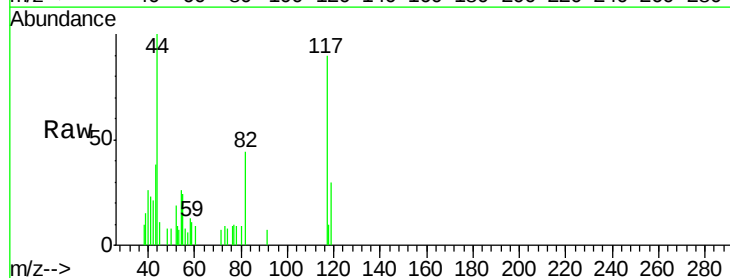
Instrument :
MSVOA_X
ClientSampleId :
TP-5-WC-4

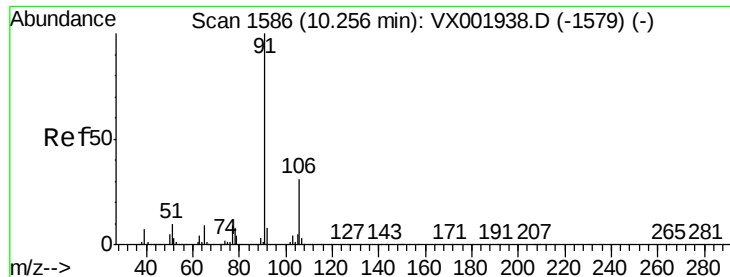
Tot Ion: 95 Resp: 30745
Ion Ratio Lower Upper
95 100
174 95.3 0.0 178.8
176 91.1 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

Tgt Ion: 117 Resp: 1039
Ion Ratio Lower Upper
117 100
82 41.6 44.8 67.2#
119 32.9 25.5 38.3





#67

Ethyl Benzene

Concen: 22.47 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampled :

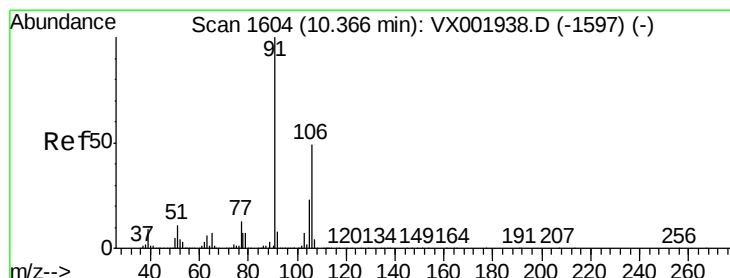
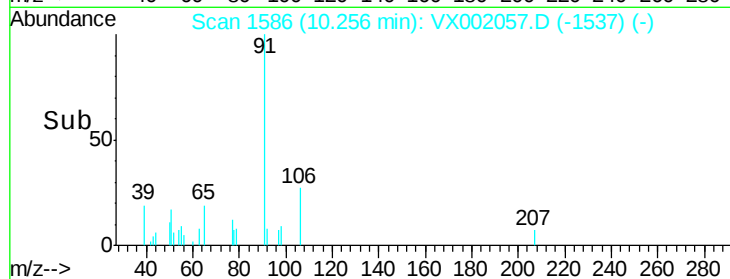
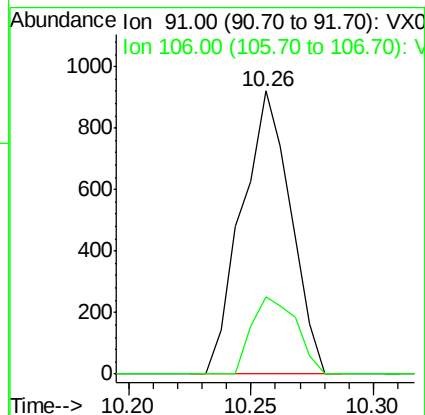
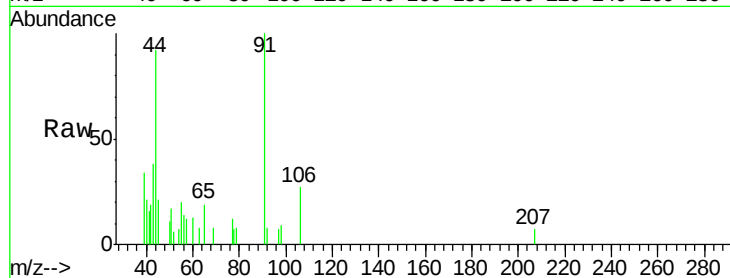
TP-5-WC-4

Tot Ion: 91 Resp: 1285

Ion Ratio Lower Upper

91 100

106 27.4 25.0 37.6



#68

m/p-Xylenes

Concen: 106.25 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002057.D

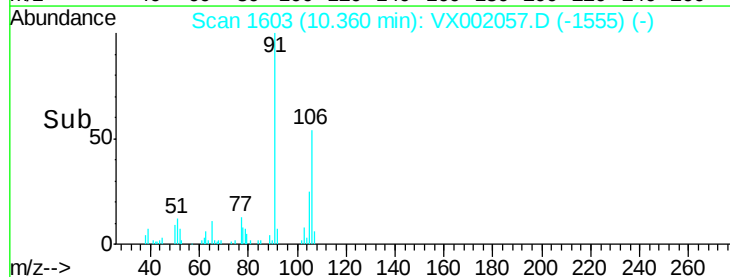
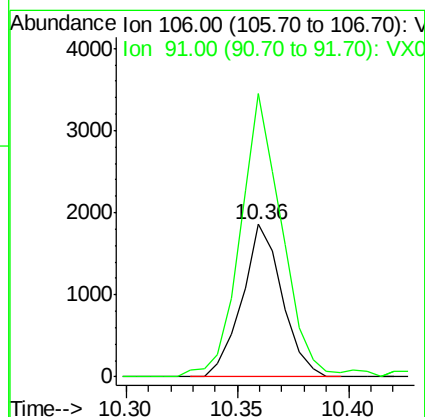
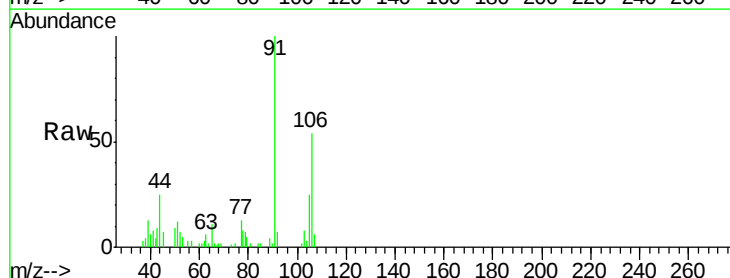
Acq: 27 May 2018 09:09

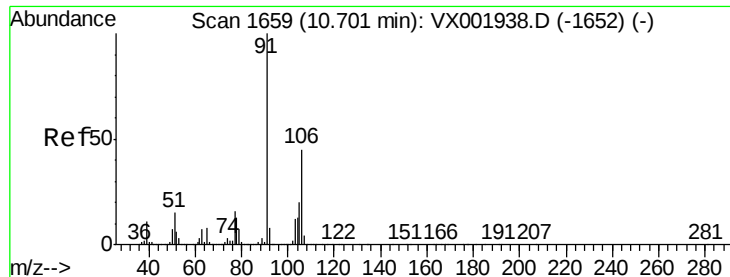
Tgt Ion: 106 Resp: 2323

Ion Ratio Lower Upper

106 100

91 193.7 165.0 247.6

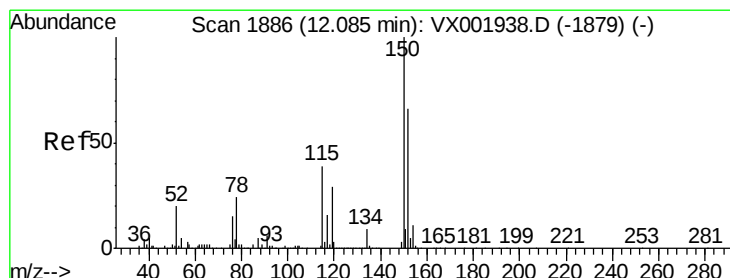
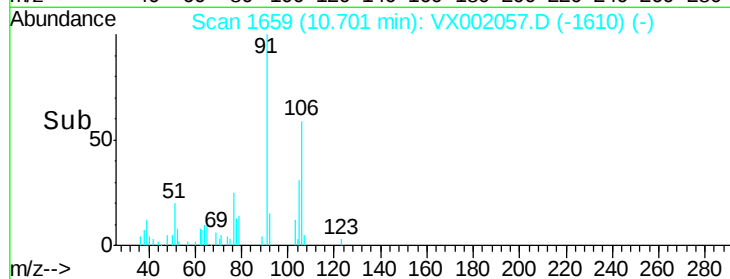
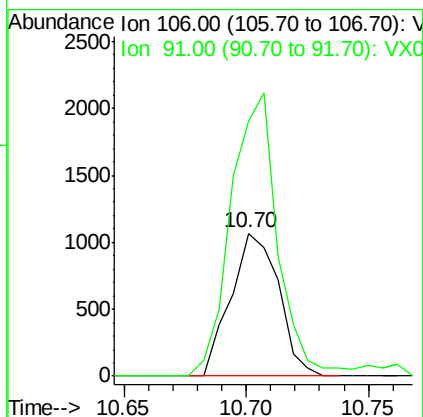
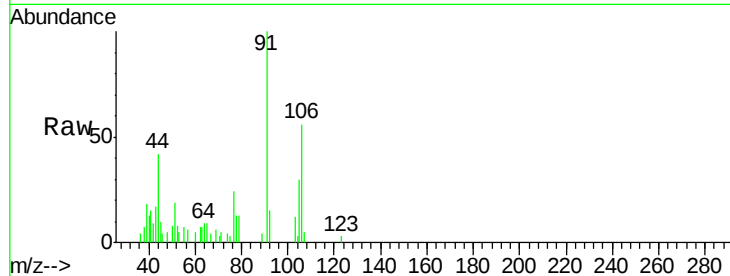




#69
o-Xylene
Concen: 66.70 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

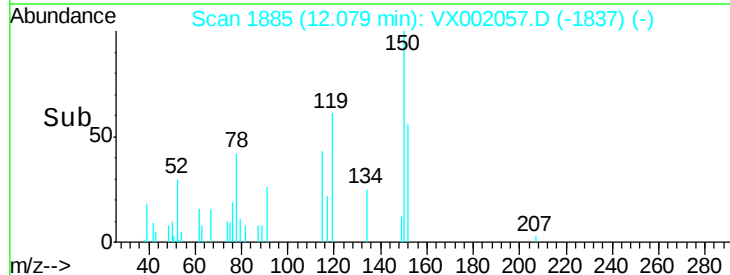
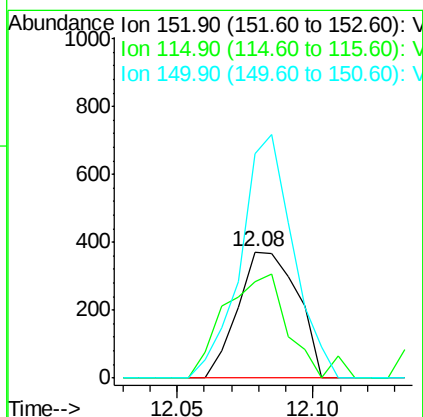
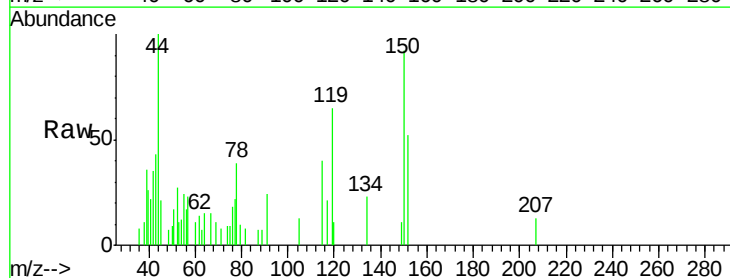
Instrument :
MSVOA_X
ClientSampled :
TP-5-WC-4

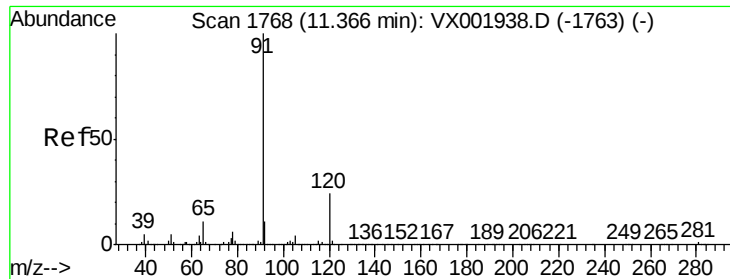
Tot Ion:106 Resp: 1456
Ion Ratio Lower Upper
106 100
91 193.8 108.7 325.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

Tgt Ion:152 Resp: 563
Ion Ratio Lower Upper
152 100
115 90.1 42.3 126.8
150 170.2 0.0 351.0





#78

n-propylbenzene

Concen: 21.16 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampled :

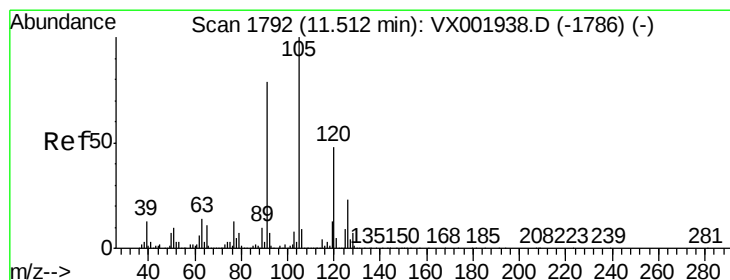
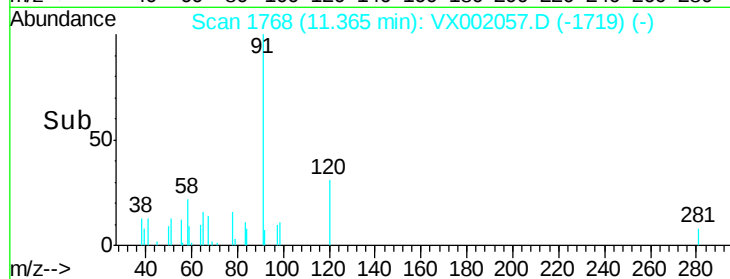
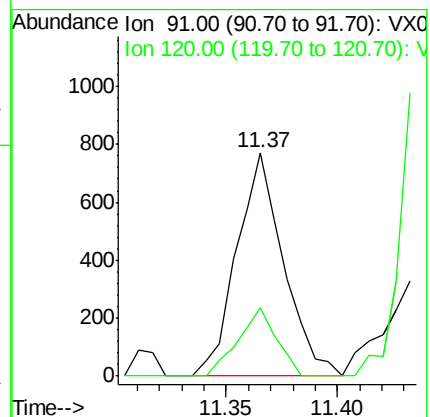
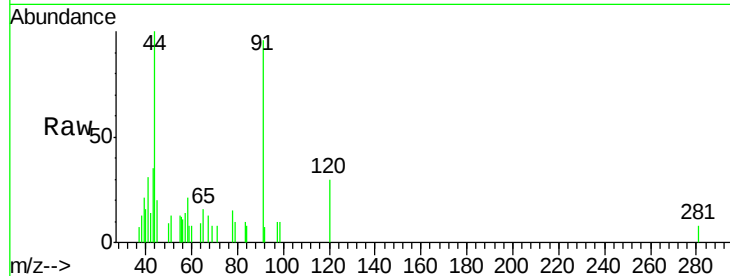
TP-5-WC-4

Tot Ion: 91 Resp: 1130

Ion Ratio Lower Upper

91 100

120 25.2 11.9 35.7



#80

1,3,5-Trimethylbenzene

Concen: 65.12 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002057.D

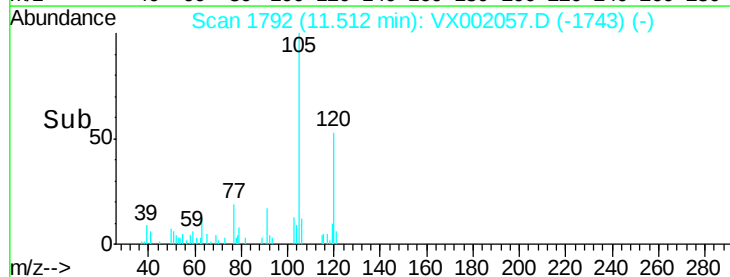
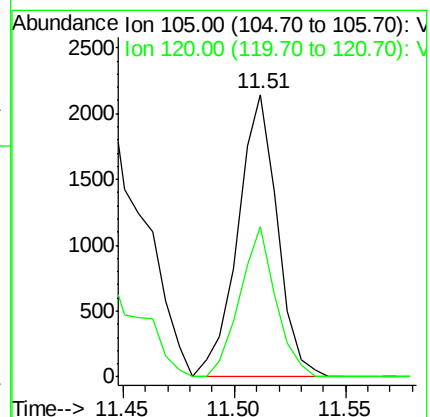
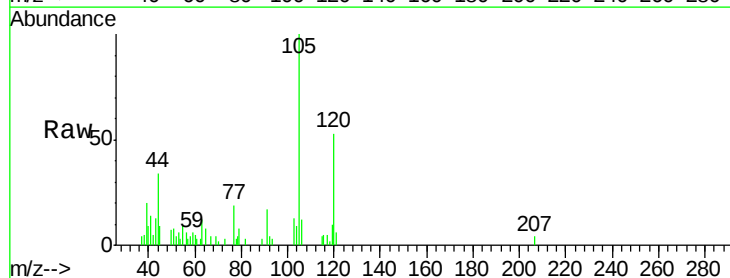
Acq: 27 May 2018 09:09

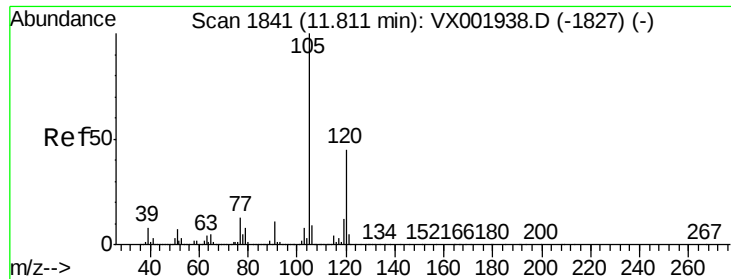
Tgt Ion: 105 Resp: 2653

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.4





#84

1,2,4-Trimethylbenzene

Concen: 275.11 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampled :

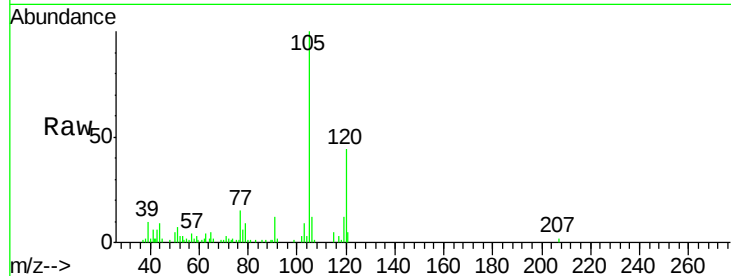
TP-5-WC-4

Tot Ion:105 Resp: 11583

Ion Ratio Lower Upper

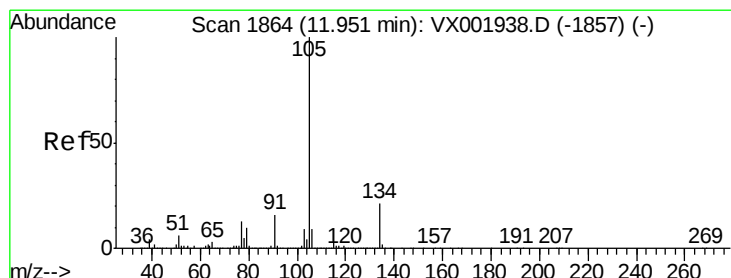
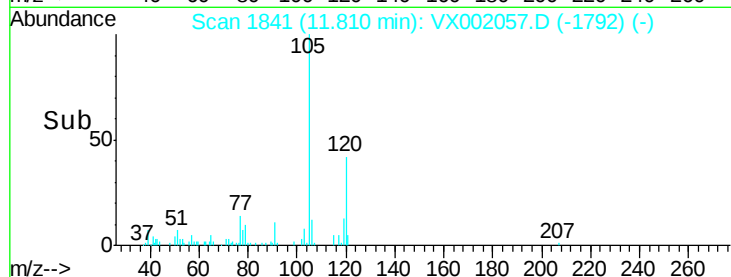
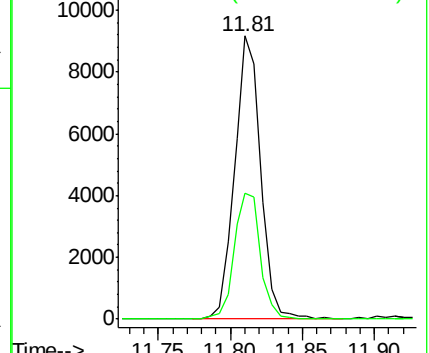
105 100

120 44.9 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 10.65 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002057.D

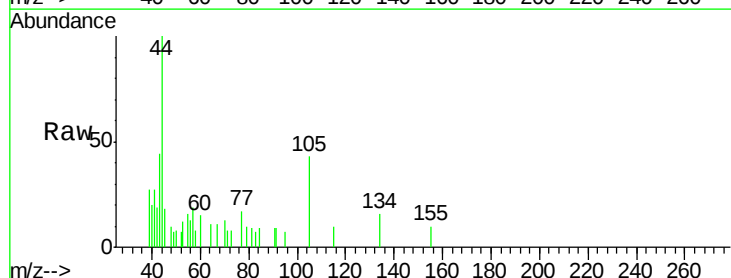
Acq: 27 May 2018 09:09

Tgt Ion:105 Resp: 512

Ion Ratio Lower Upper

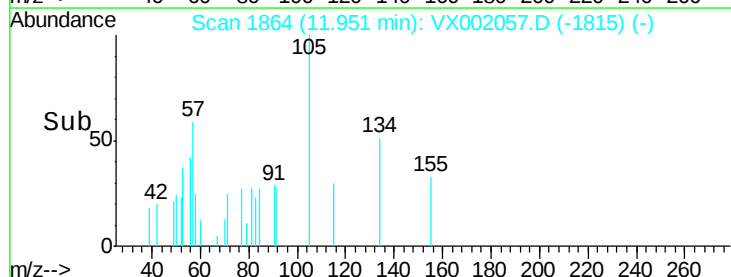
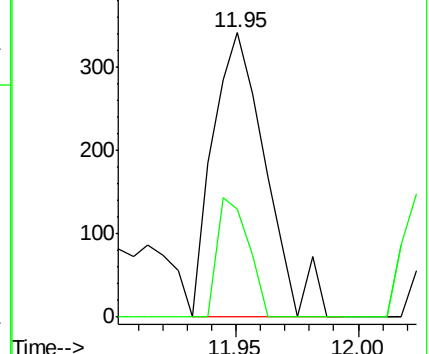
105 100

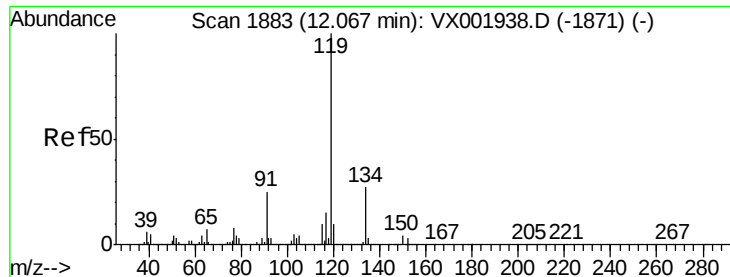
134 24.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 29.93 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

Instrument :

MSVOA_X

ClientSampled :

TP-5-WC-4

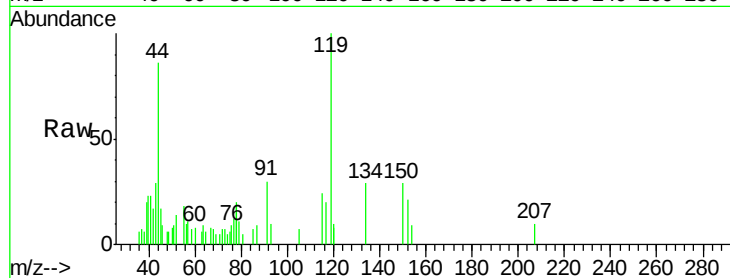
Tot Ion:119 Resp: 1287

Ion Ratio Lower Upper

119 100

134 28.9 13.6 40.8

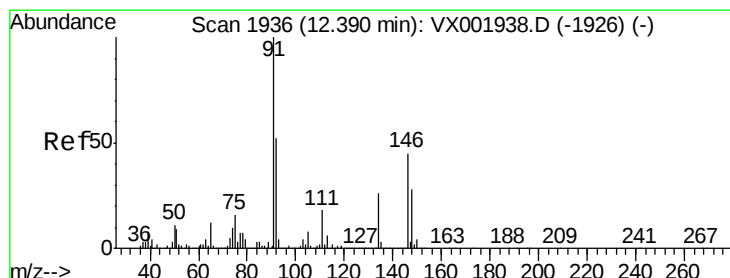
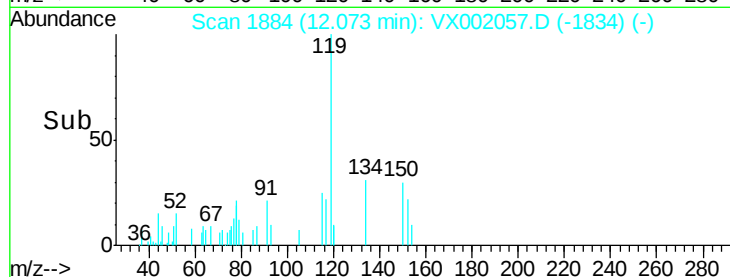
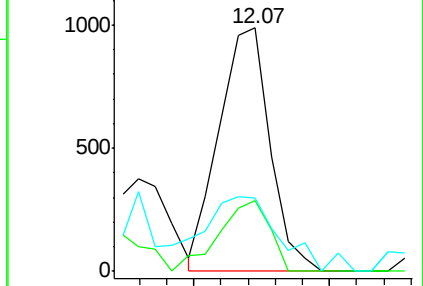
91 45.8 12.2 36.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 34.47 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002057.D

Acq: 27 May 2018 09:09

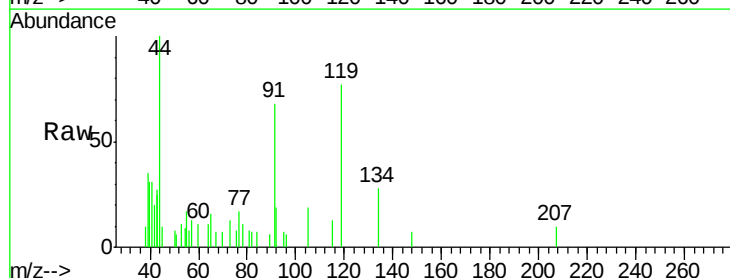
Tgt Ion: 91 Resp: 1256

Ion Ratio Lower Upper

91 100

92 22.5 26.3 78.9#

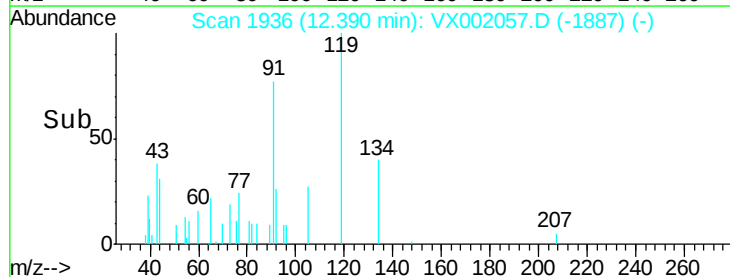
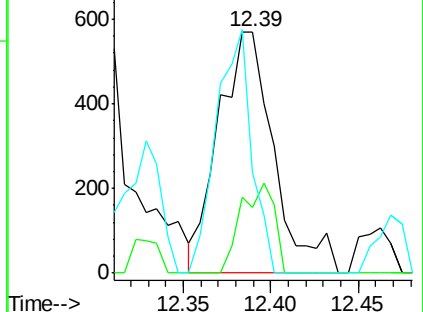
134 64.4 13.6 40.7#

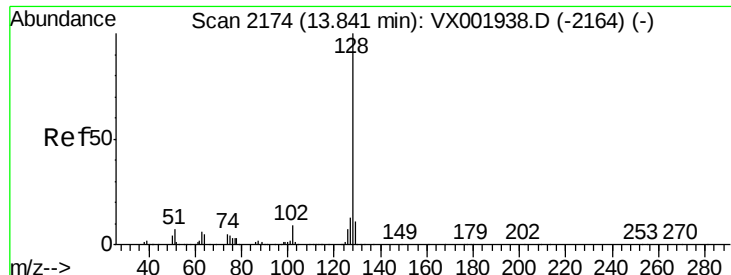


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

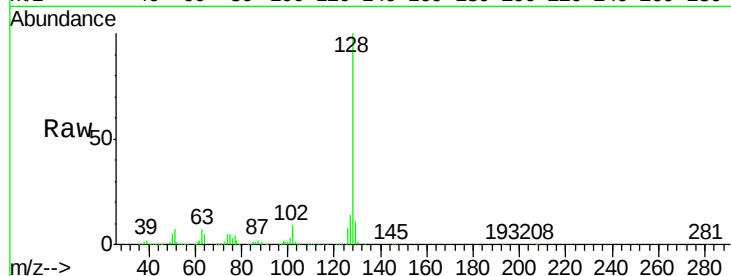




#95
Naphthalene
Concen: 3768.30 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002057.D
Acq: 27 May 2018 09:09

Instrument :
MSVOA_X
ClientSampleId :
TP-5-WC-4

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.0	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

