

Data File : VX006007.D
Acq On : 15 Nov 2018 06:46
Operator : JC/MD
Sample : J5915-02ME
Misc : 5.06g/10ml/100ul/5.00mL/MSVOA_X/MEOH
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T-2ME

Quant Time: Nov 21 14:39:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 07:35:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	133069	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	205397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	189539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92006	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	77549	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	5.50	113	66573	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	8.71	98	221285	44.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.00%	
62) 4-Bromofluorobenzene	11.14	95	83464	44.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.46%	

Target Compounds

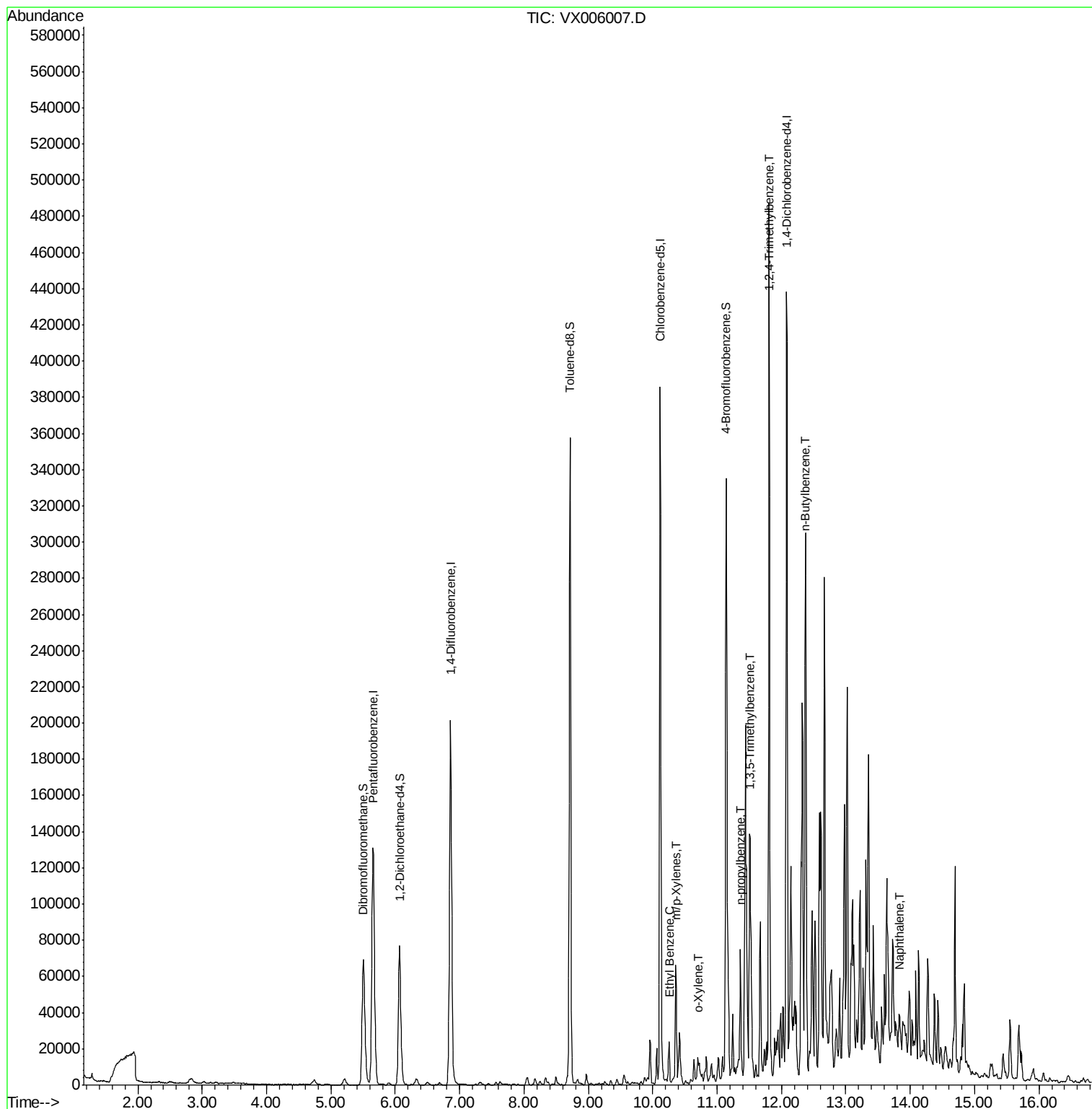
						Qvalue
67) Ethyl Benzene	10.26	91	9085	1.427	ug/l	95
68) m/p-Xylenes	10.36	106	14709	5.934	ug/l	94
69) o-Xylene	10.70	106	2861	1.208	ug/l	93
78) n-propylbenzene	11.36	91	40990	6.323	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	59881	12.758	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	200249	41.826	ug/l	100
89) n-Butylbenzene	12.38	91	47209	10.435	ug/l #	30
95) Naphthalene	13.83	128	14028	2.304	ug/l #	95

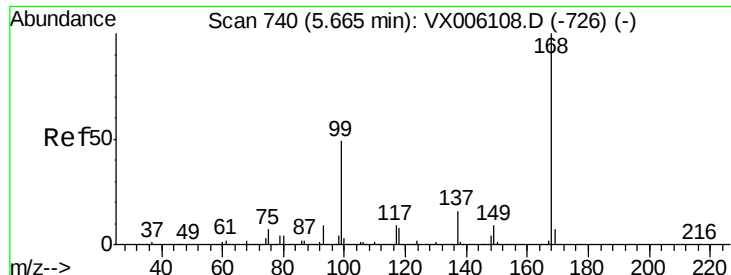
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX006007.D

Acq: 15 Nov 2018 06:46

Instrument :

MSVOA_X

ClientSampleId :

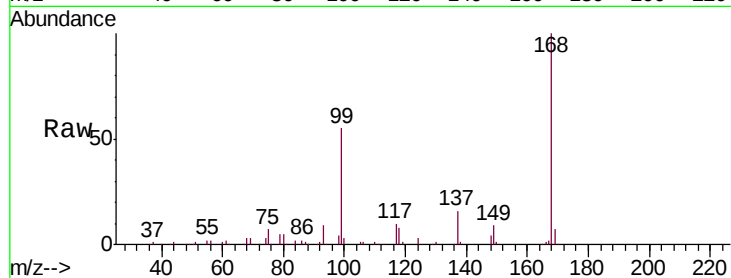
T-2ME

Tgt Ion:168 Resp: 133069

Ion Ratio Lower Upper

168 100

99 54.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

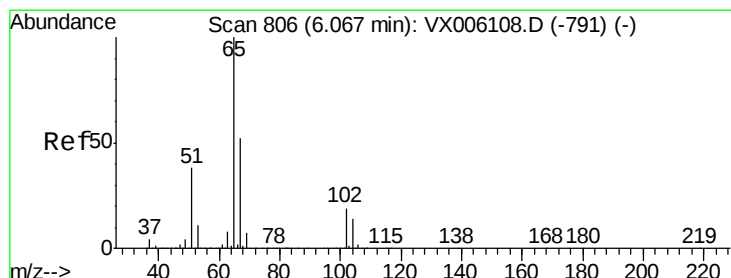
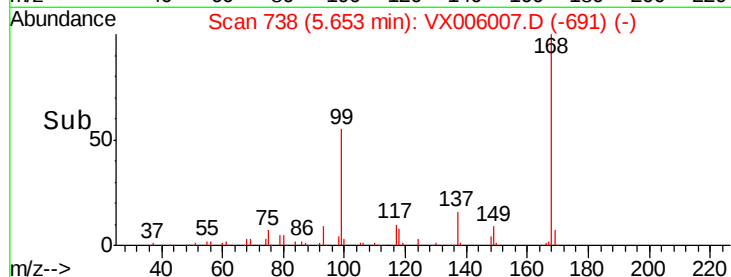
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.293 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006007.D

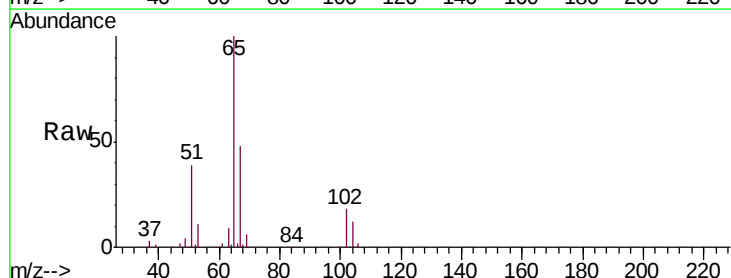
Acq: 15 Nov 2018 06:46

Tgt Ion: 65 Resp: 77549

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

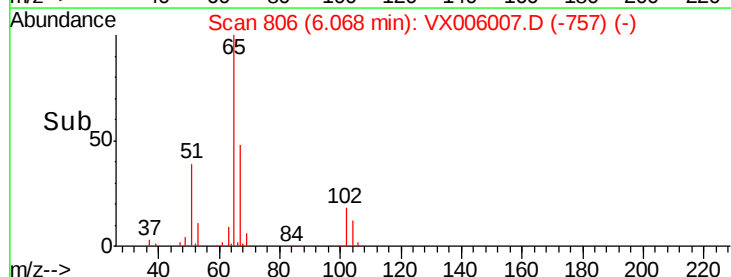
30000

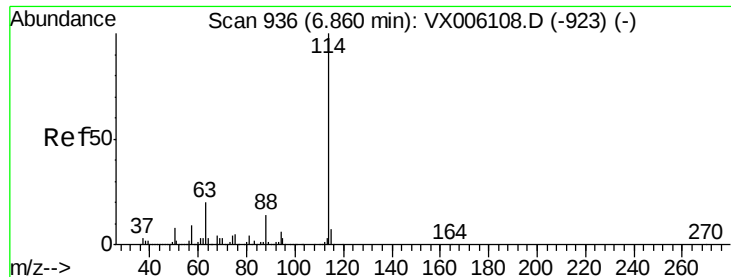
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006007.D

Acq: 15 Nov 2018 06:46

Instrument :

MSVOA_X

ClientSampleId :

T-2ME

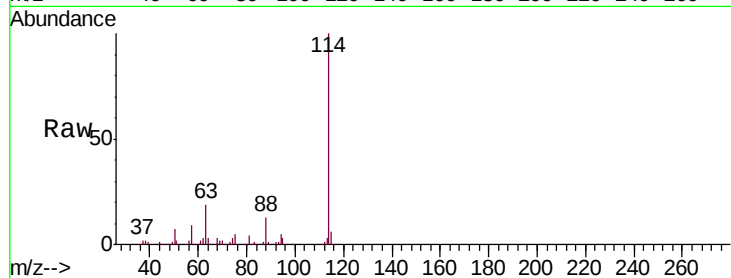
Tgt Ion:114 Resp: 205397

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

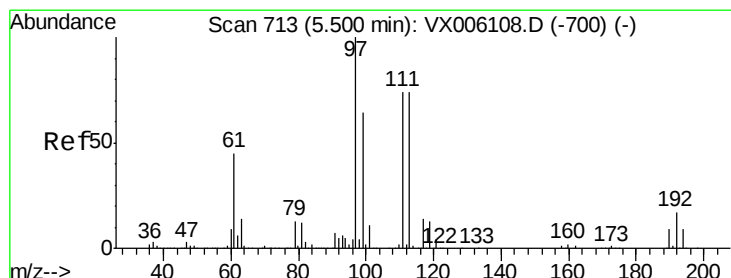
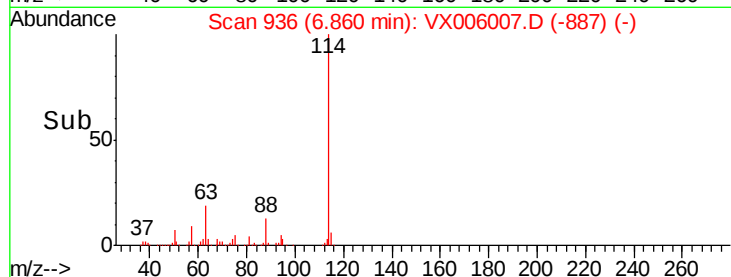
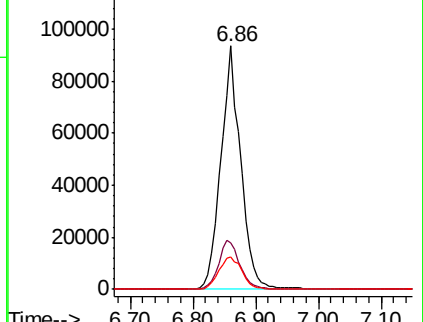
88 13.4 0.0 28.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.492 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006007.D

Acq: 15 Nov 2018 06:46

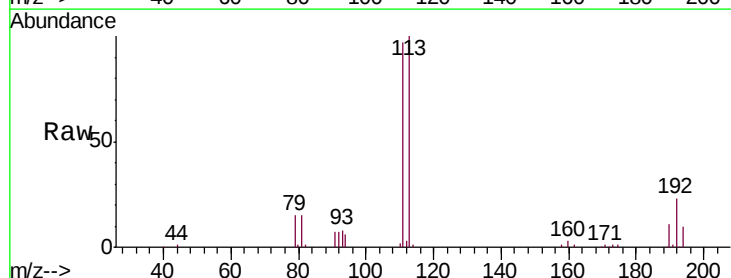
Tgt Ion:113 Resp: 66573

Ion Ratio Lower Upper

113 100

111 98.2 81.5 122.3

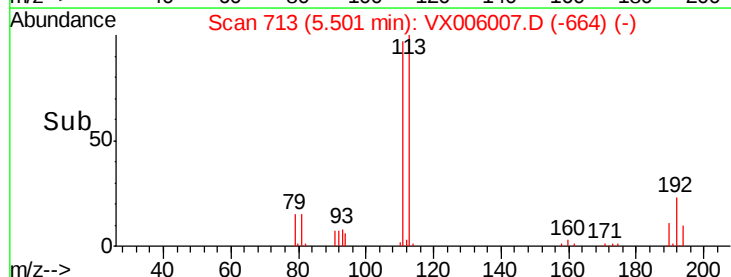
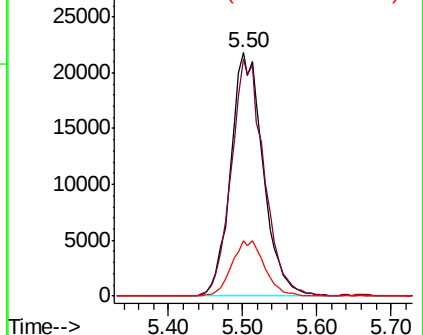
192 23.2 18.6 28.0

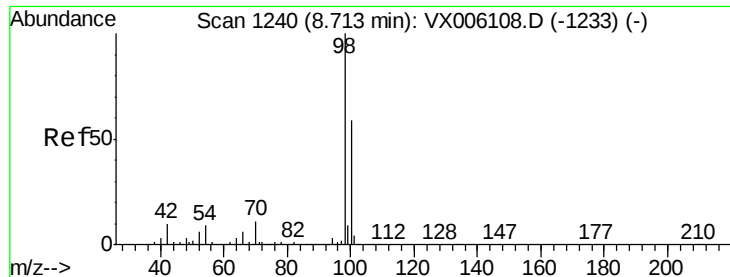


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.003 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006007.D

Acq: 15 Nov 2018 06:46

Instrument :

MSVOA_X

ClientSampleId :

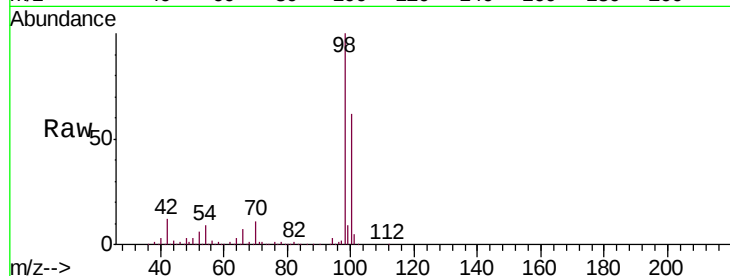
T-2ME

Tgt Ion: 98 Resp: 221285

Ion Ratio Lower Upper

98 100

100 63.4 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

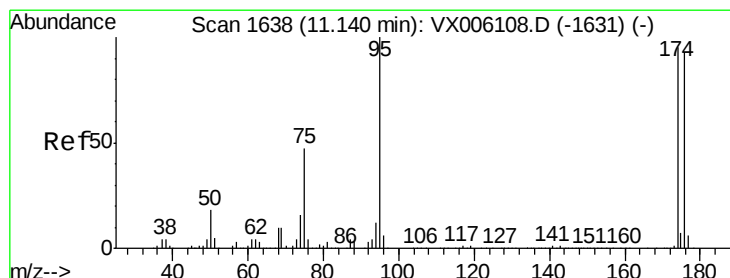
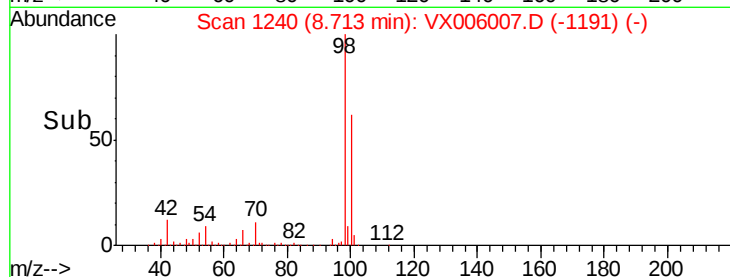
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.234 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006007.D

Acq: 15 Nov 2018 06:46

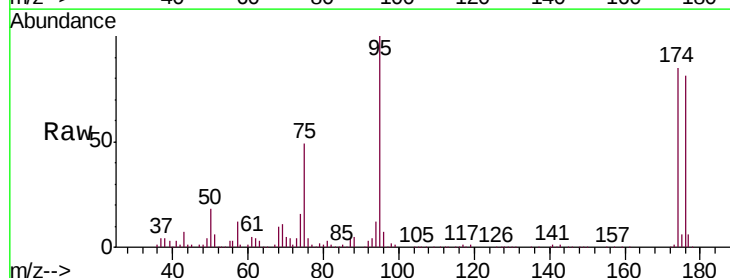
Tgt Ion: 95 Resp: 83464

Ion Ratio Lower Upper

95 100

174 89.0 0.0 184.4

176 85.9 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

80000

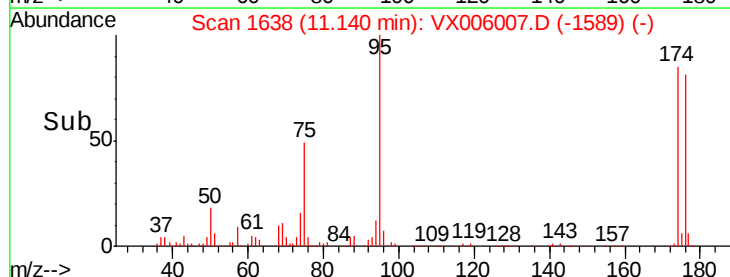
60000

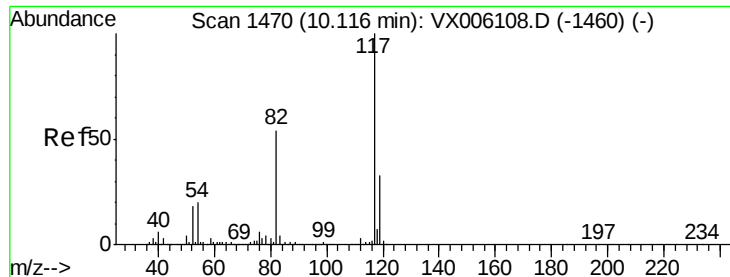
40000

20000

0

Time-->

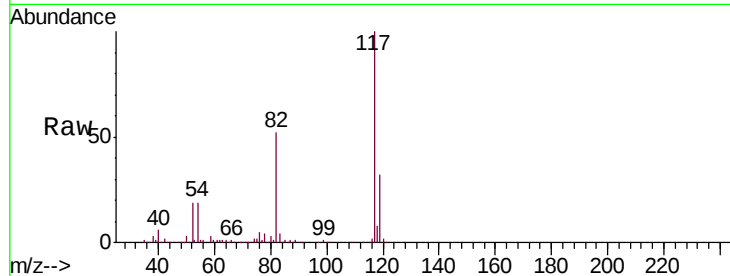




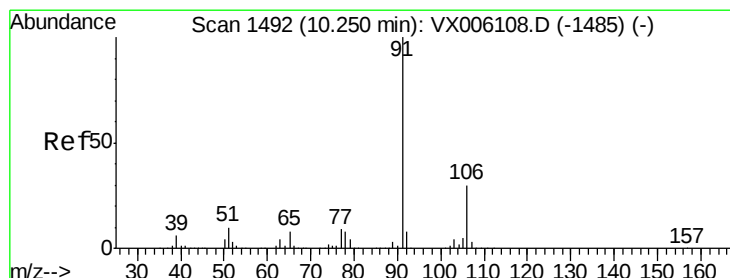
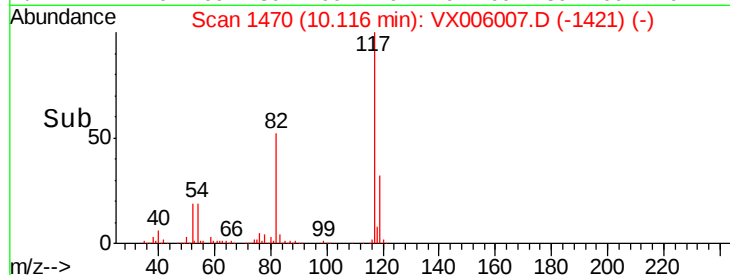
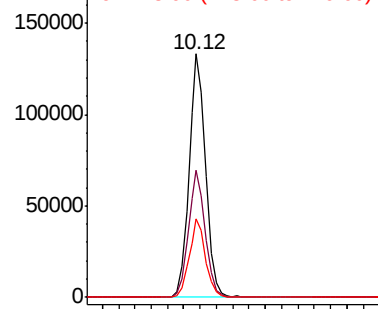
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006007.D
Acq: 15 Nov 2018 06:46

Instrument :
MSVOA_X
ClientSampleId :
T-2ME

Tgt Ion: 117 Resp: 189539
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 32.4 26.1 39.1

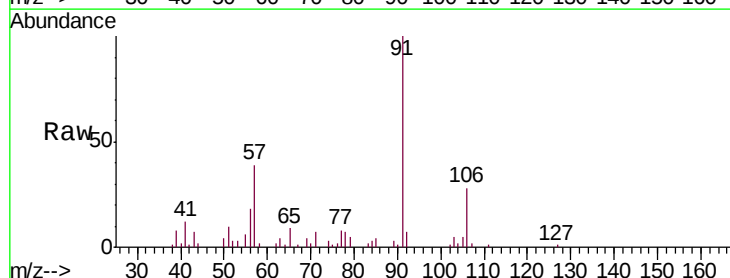


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

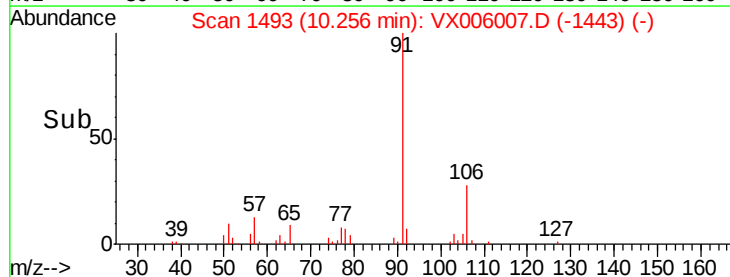
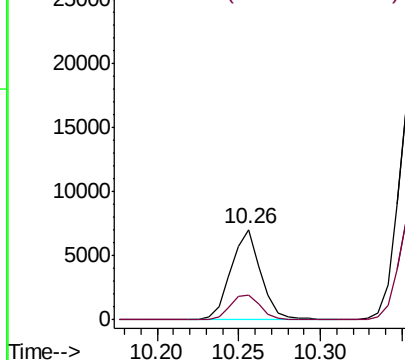


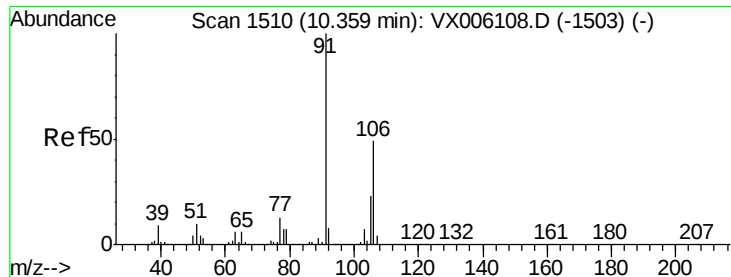
#67
Ethyl Benzene
Concen: 1.427 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX006007.D
Acq: 15 Nov 2018 06:46

Tgt Ion: 91 Resp: 9085
Ion Ratio Lower Upper
91 100
106 27.7 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 5.934 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006007.D

Acq: 15 Nov 2018 06:46

Instrument :

MSVOA_X

ClientSampleId :

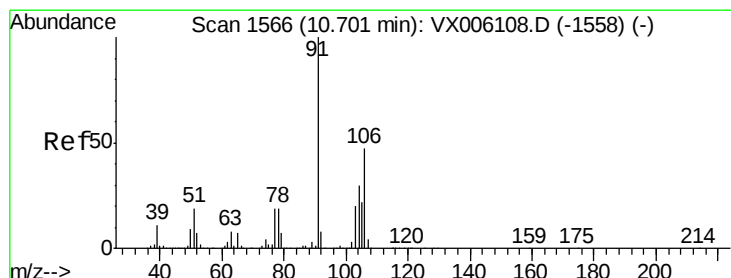
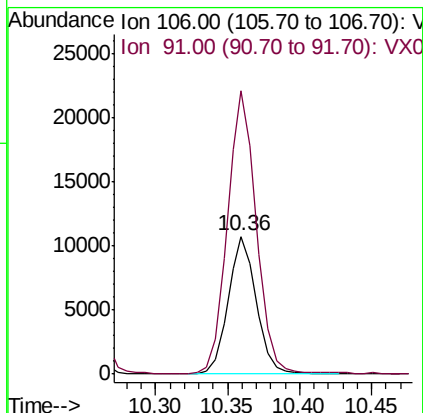
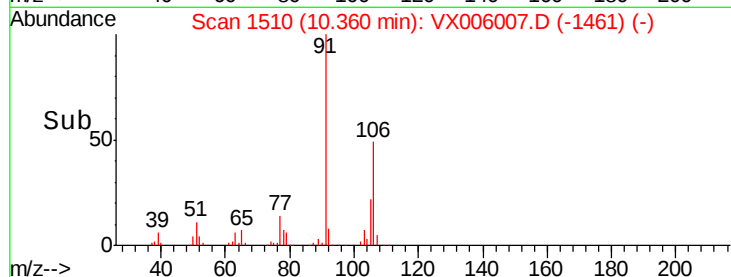
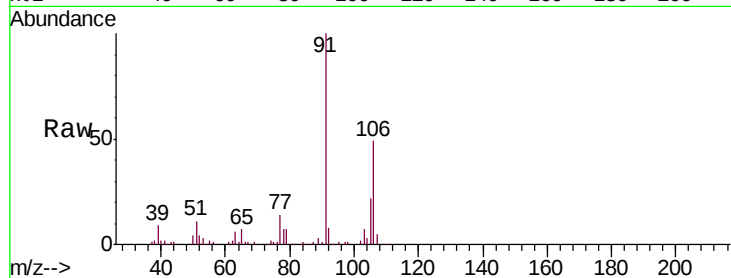
T-2ME

Tgt Ion:106 Resp: 14709

Ion Ratio Lower Upper

106 100

91 212.4 162.0 243.0



#69

o-Xylene

Concen: 1.208 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX006007.D

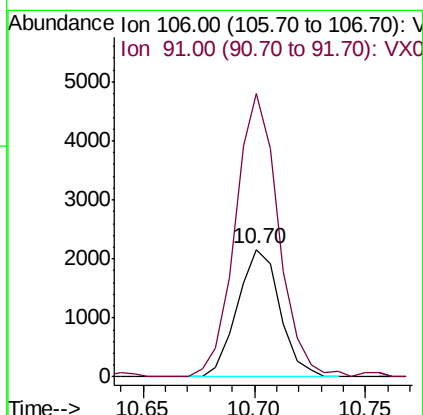
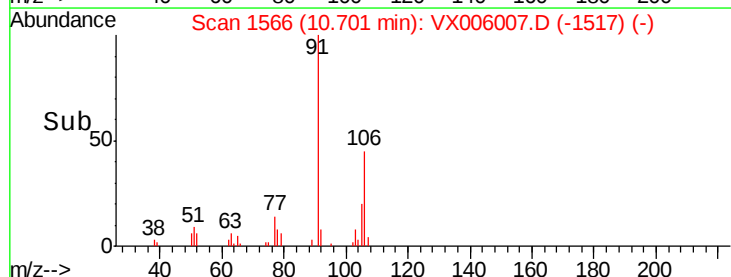
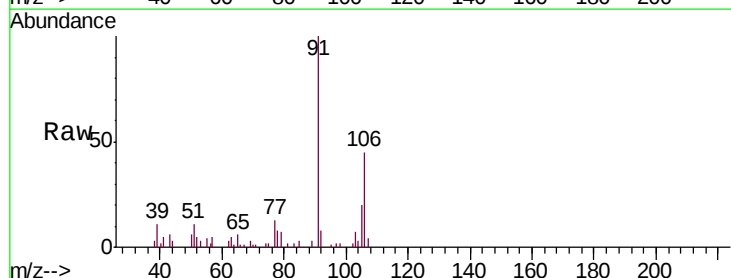
Acq: 15 Nov 2018 06:46

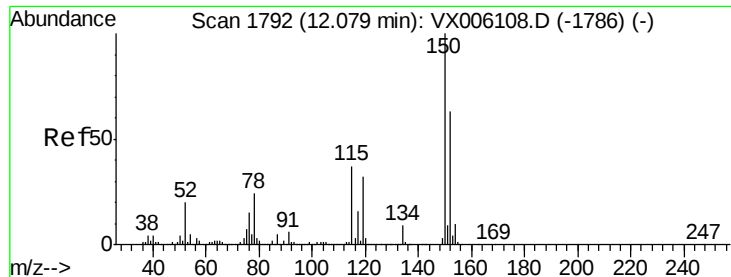
Tgt Ion:106 Resp: 2861

Ion Ratio Lower Upper

106 100

91 226.0 107.4 322.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006007.D

Acq: 15 Nov 2018 06:46

Instrument :

MSVOA_X

ClientSampleId :

T-2ME

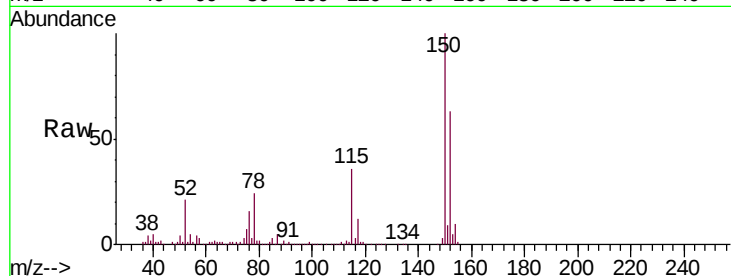
Tgt Ion:152 Resp: 92006

Ion Ratio Lower Upper

152 100

115 55.4 39.0 116.9

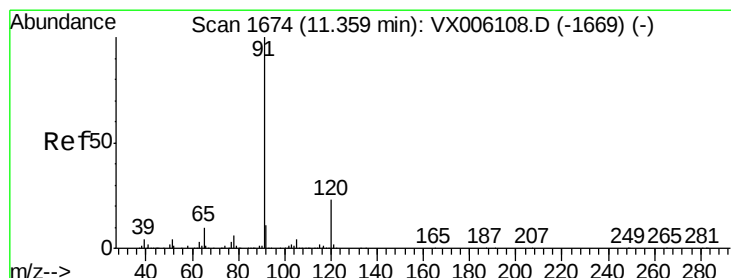
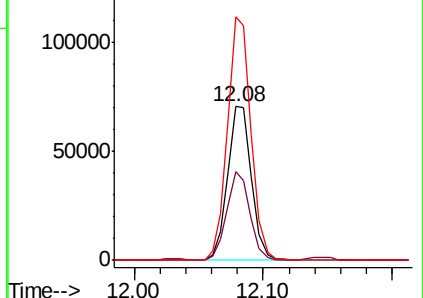
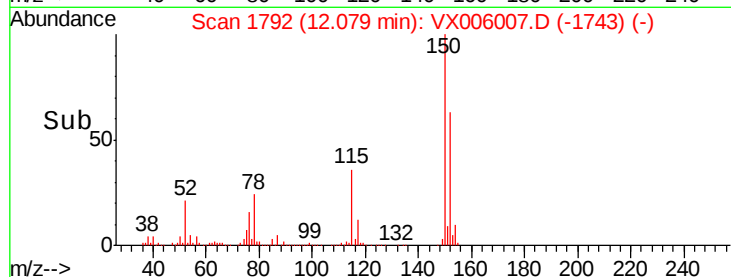
150 155.9 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#78

n-propylbenzene

Concen: 6.323 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006007.D

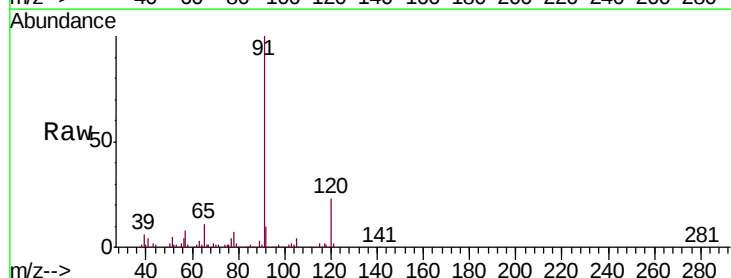
Acq: 15 Nov 2018 06:46

Tgt Ion: 91 Resp: 40990

Ion Ratio Lower Upper

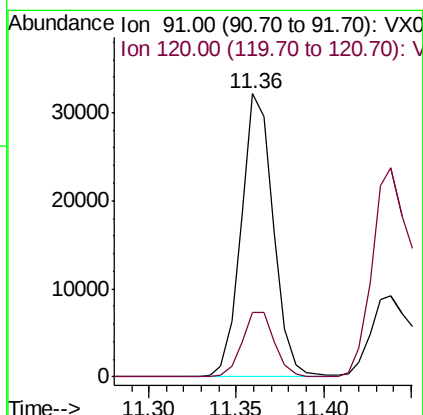
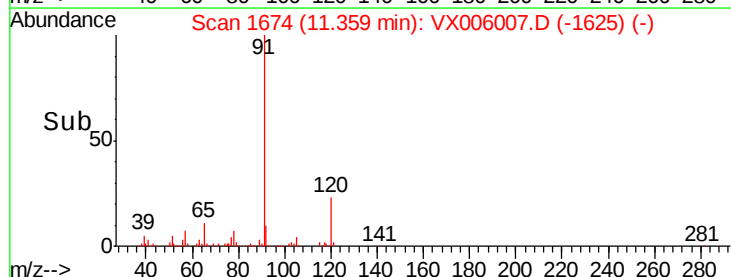
91 100

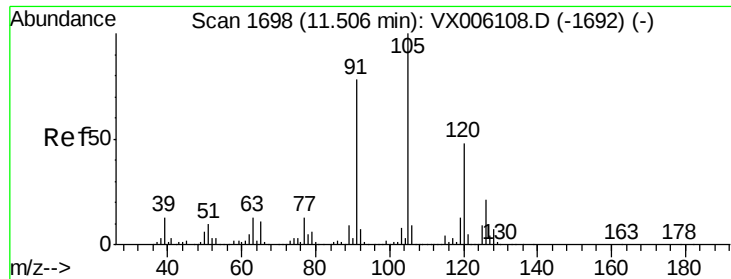
120 23.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

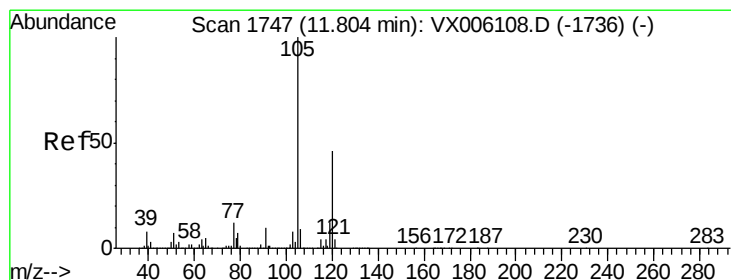
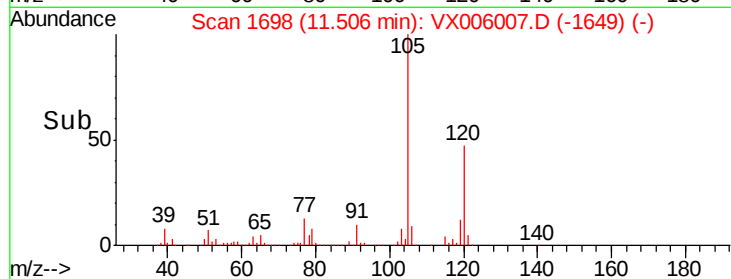
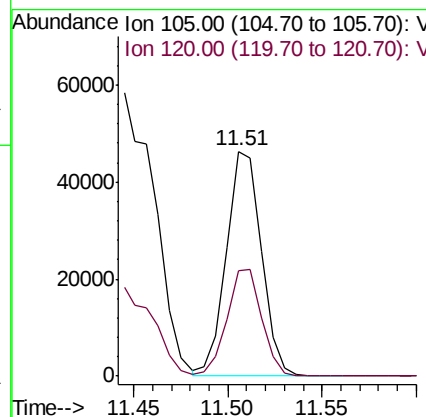
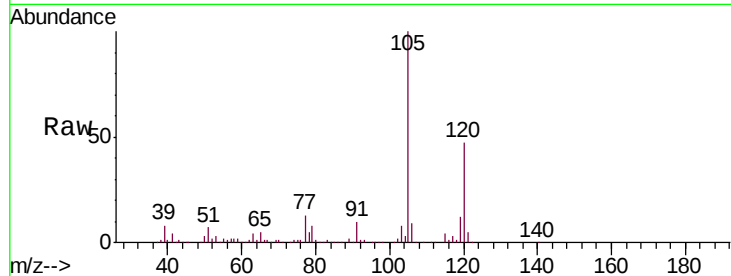




#80
 1,3,5-Trimethylbenzene
 Concen: 12.758 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006007.D
 Acq: 15 Nov 2018 06:46

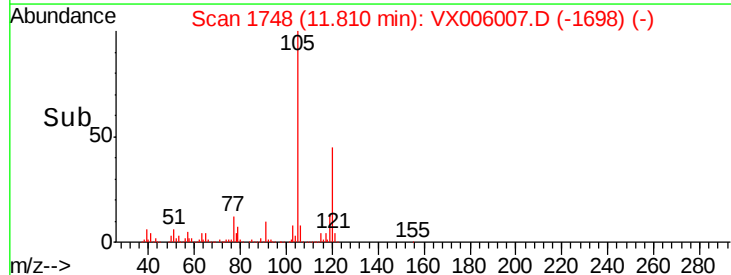
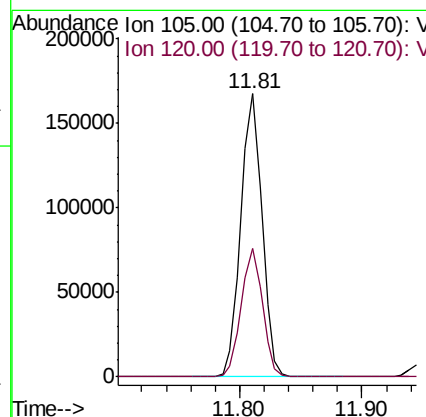
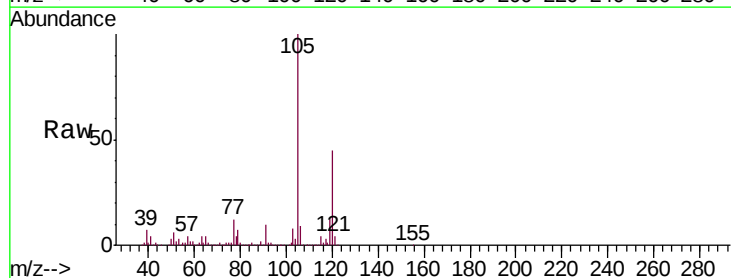
Instrument :
 MSVOA_X
 ClientSampleId :
 T-2ME

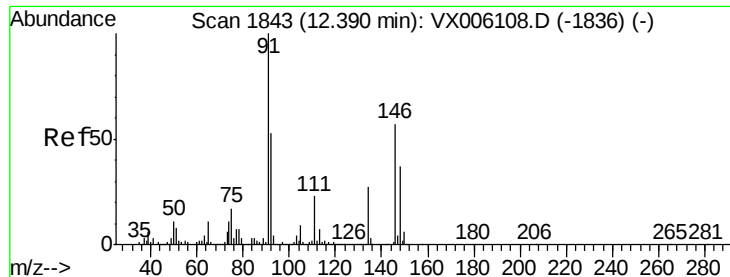
Tgt Ion:105 Resp: 59881
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.3 73.0



#84
 1,2,4-Trimethylbenzene
 Concen: 41.826 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006007.D
 Acq: 15 Nov 2018 06:46

Tgt Ion:105 Resp: 200249
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.0





#89

n-Butylbenzene

Concen: 10.435 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX006007.D

Acq: 15 Nov 2018 06:46

Instrument :

MSVOA_X

ClientSampleId :

T-2ME

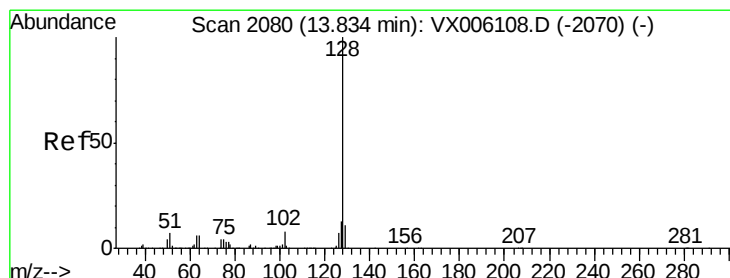
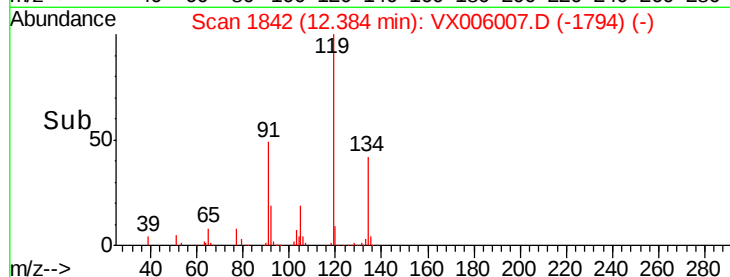
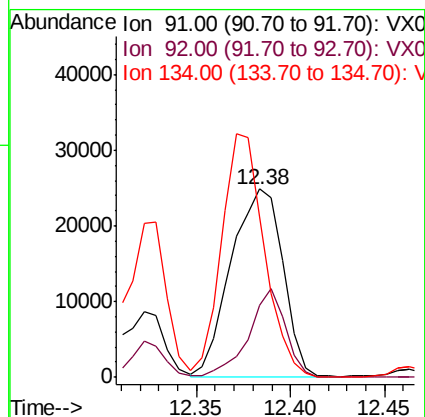
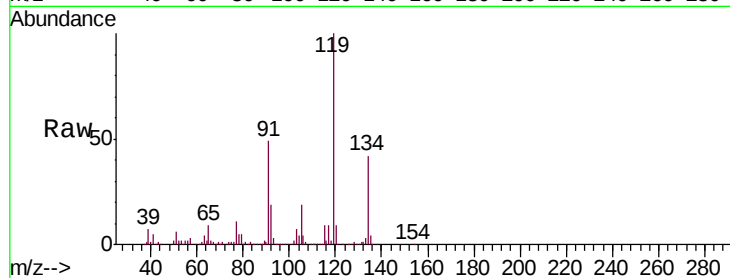
Tgt Ion: 91 Resp: 47209

Ion Ratio Lower Upper

91 100

92 33.8 26.6 79.7

134 106.8 13.1 39.3#



#95

Naphthalene

Concen: 2.304 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006007.D

Acq: 15 Nov 2018 06:46

Tgt Ion: 128 Resp: 14028

Ion Ratio Lower Upper

128 100

127 13.8 10.6 15.8

129 14.3 8.8 13.2#

