

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002102.D
 Acq On : 29 May 2018 19:20
 Operator : JC/MD
 Sample : J3041-05ME
 Misc : 7.88G/5mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-3-SWNN-7.5-8ME

Quant Time: May 30 07:36:19 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	5.66	168	269302	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	382548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	235397	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	177925	36.96	ug/l	0.00
Spiked Amount			Recovery	=	73.92%	
35) Dibromofluoromethane	5.51	113	134803	35.24	ug/l	0.00
Spiked Amount			Recovery	=	70.48%	
50) Toluene-d8	8.72	98	570982	41.23	ug/l	0.00
Spiked Amount			Recovery	=	82.46%	
62) 4-Bromofluorobenzene	11.15	95	232825	42.97	ug/l	0.00
Spiked Amount			Recovery	=	85.94%	

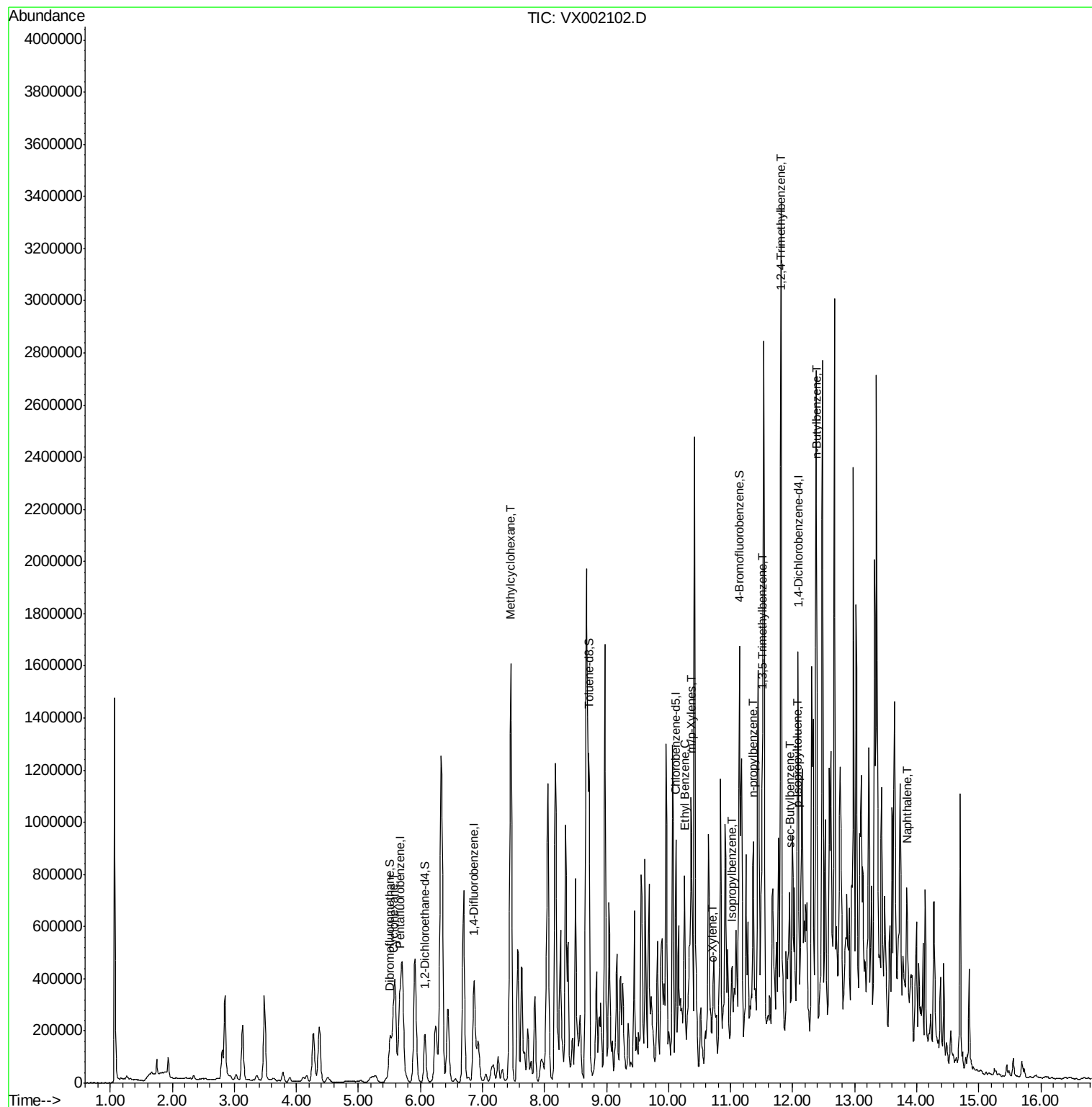
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.56	56	188023	28.35	ug/l	# 91
39) Methylcyclohexane	7.46	83	676957	103.55	ug/l	99
67) Ethyl Benzene	10.26	91	172604	8.51	ug/l	100
68) m/p-Xylenes	10.37	106	171722	22.15	ug/l	99
69) o-Xylene	10.71	106	18868	2.44	ug/l	98
73) Isopropylbenzene	11.02	105	108784	5.46	ug/l	100
78) n-propylbenzene	11.37	91	428006	19.17	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	425555	24.98	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1174539	66.72	ug/l	98
85) sec-Butylbenzene	11.95	105	115832	5.76	ug/l	97
86) p-Isopropyltoluene	12.07	119	78577	4.37	ug/l	95
89) n-Butylbenzene	12.39	91	383600	25.18	ug/l	# 37
95) Naphthalene	13.84	128	328751	15.46	ug/l	# 95

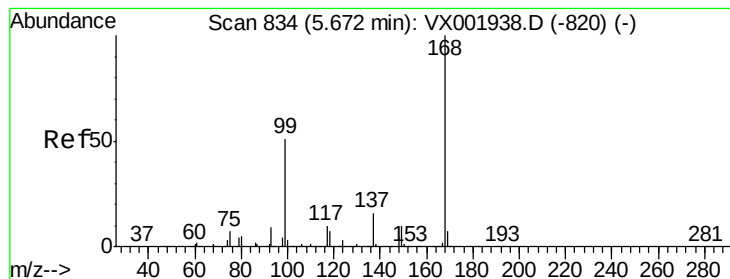
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX002102.D

Acq: 29 May 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

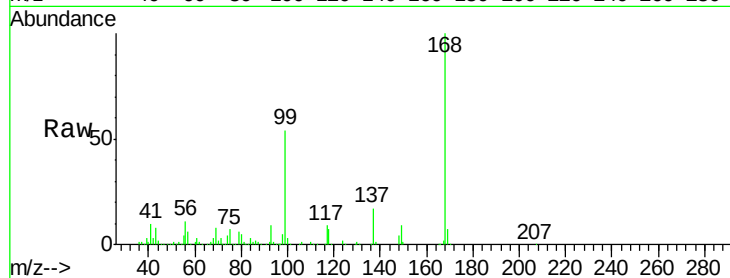
T1-3-SWNN-7.5-8ME

Tot Ion:168 Resp: 269302

Ion Ratio Lower Upper

168 100

99 53.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

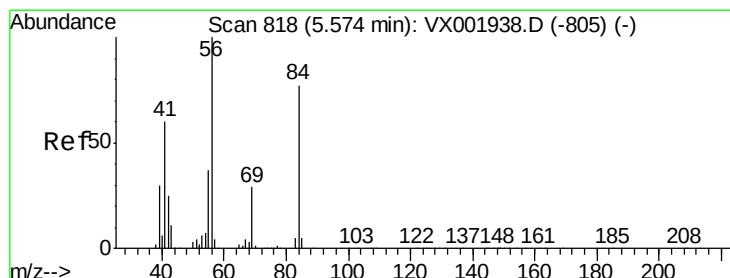
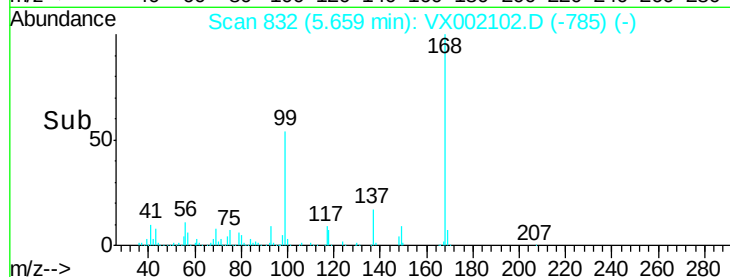
60000

40000

20000

0

Time-->



#31

Cyclohexane

Concen: 28.35 ug/l

RT: 5.56 min Scan# 816

Delta R.T. -0.01 min

Lab File: VX002102.D

Acq: 29 May 2018 19:20

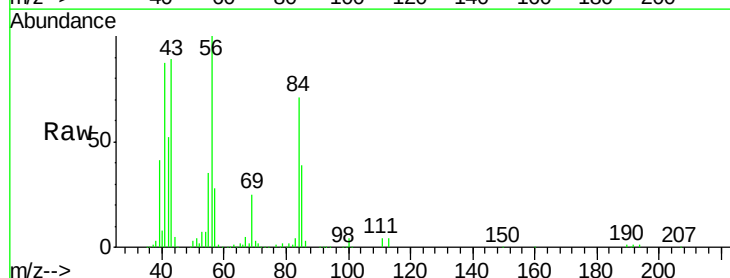
Tgt Ion: 56 Resp: 188023

Ion Ratio Lower Upper

56 100

69 21.3 23.1 34.7#

84 71.9 62.0 93.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

120000

100000

80000

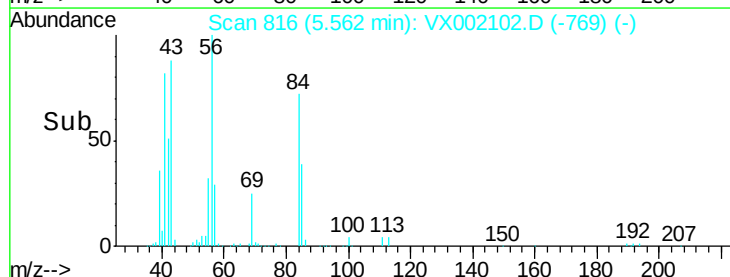
60000

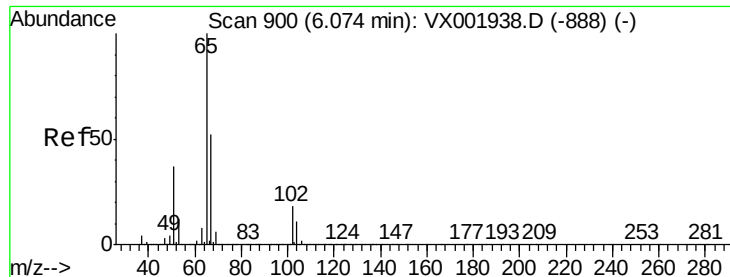
40000

20000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 36.96 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002102.D

Acq: 29 May 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

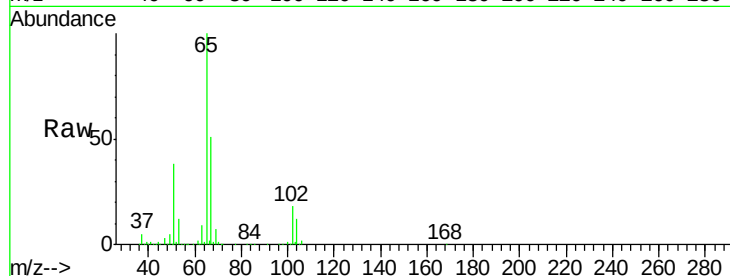
T1-3-SWNN-7.5-8ME

Tot Ion: 65 Resp: 177925

Ion Ratio Lower Upper

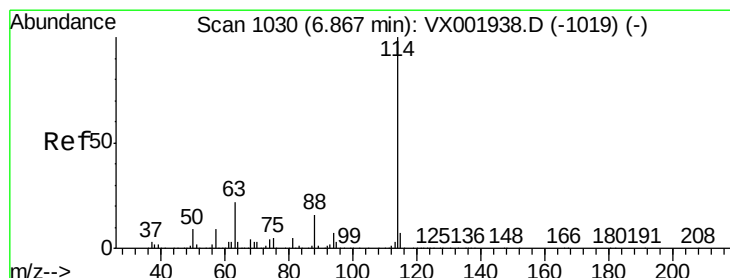
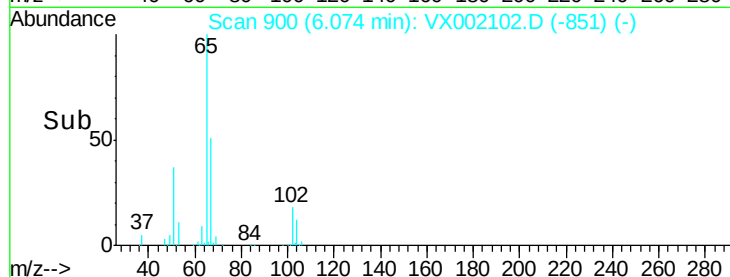
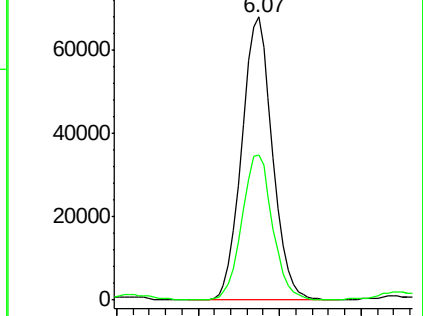
65 100

67 50.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002102.D

Acq: 29 May 2018 19:20

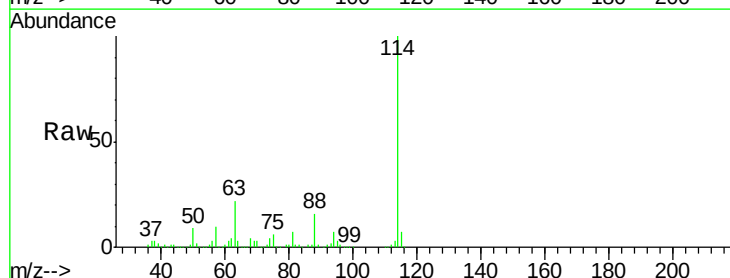
Tgt Ion: 114 Resp: 382548

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.2

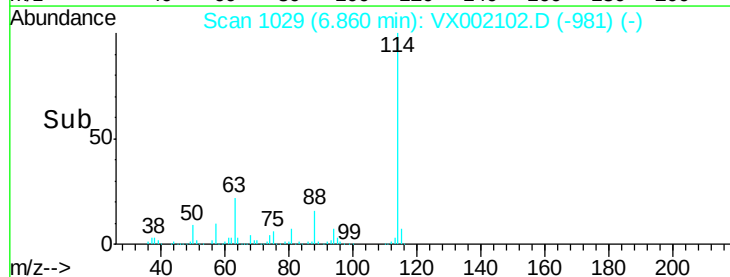
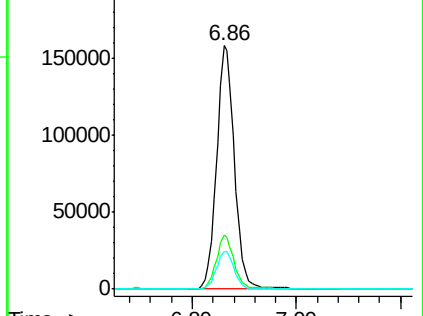
88 15.5 0.0 31.6

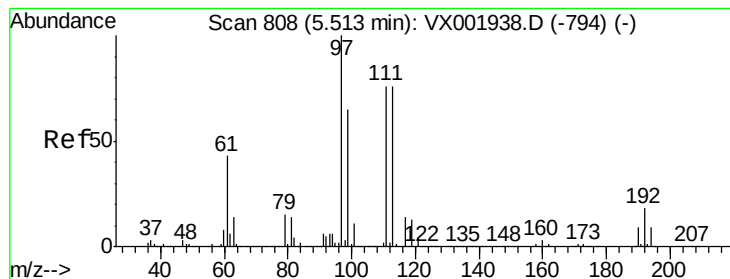


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 35.24 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002102.D

Acq: 29 May 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

T1-3-SWNN-7.5-8ME

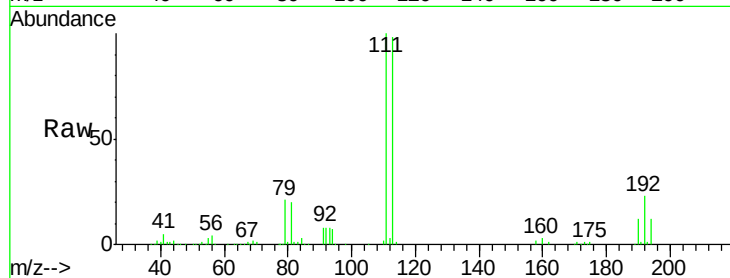
Tot Ion:113 Resp: 134803

Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

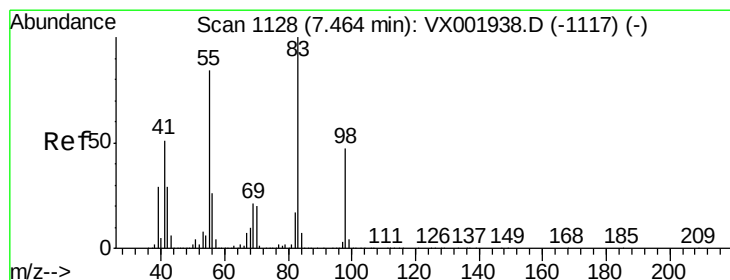
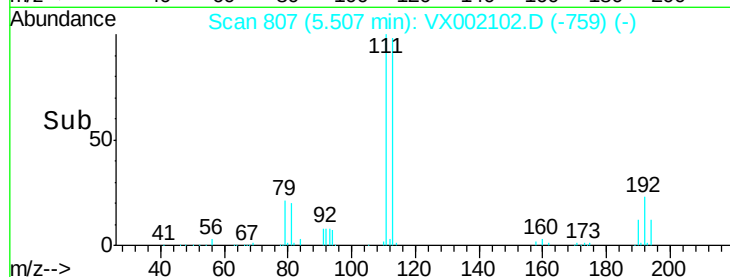
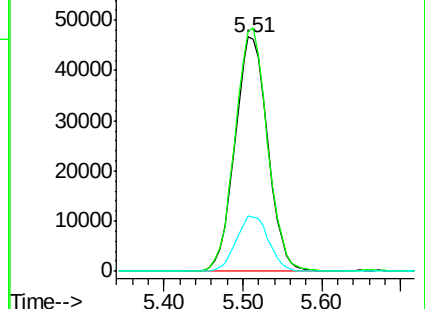
192 23.5 18.9 28.3



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



#39

Methylcyclohexane

Concen: 103.55 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX002102.D

Acq: 29 May 2018 19:20

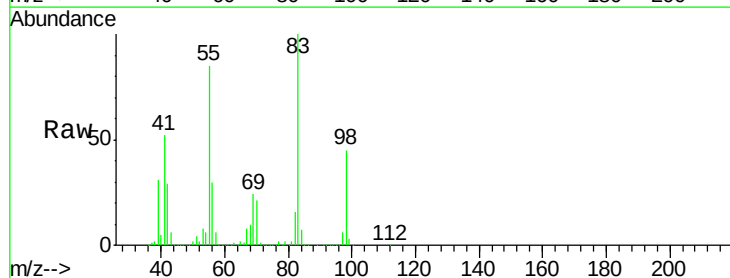
Tgt Ion: 83 Resp: 676957

Ion Ratio Lower Upper

83 100

55 84.9 67.3 100.9

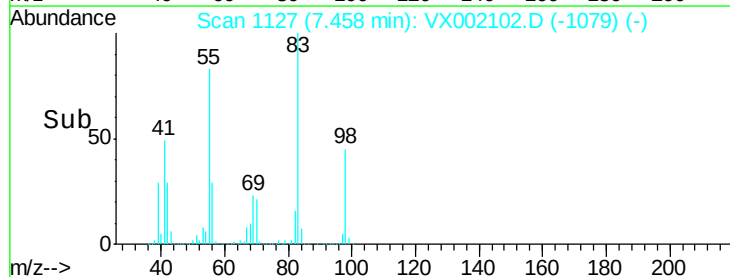
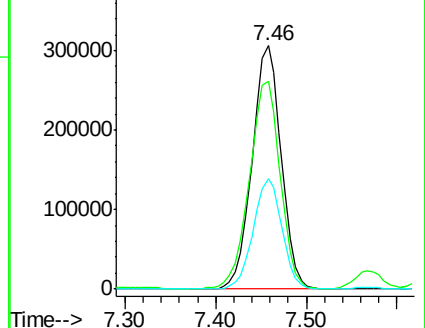
98 45.2 37.5 56.3

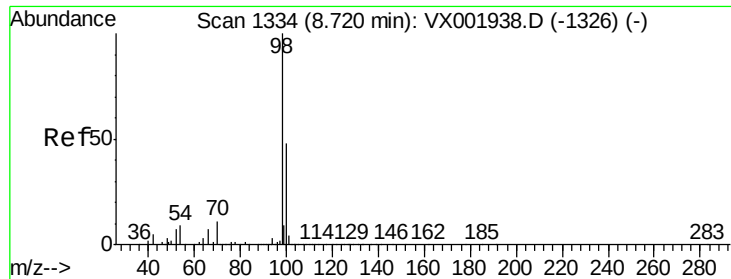


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 41.23 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002102.D

Acq: 29 May 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

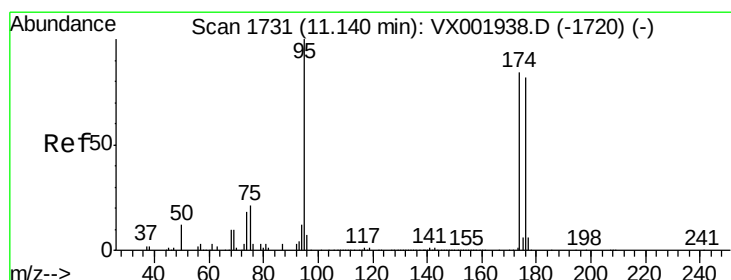
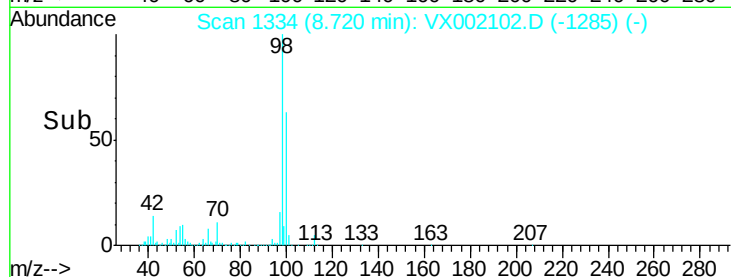
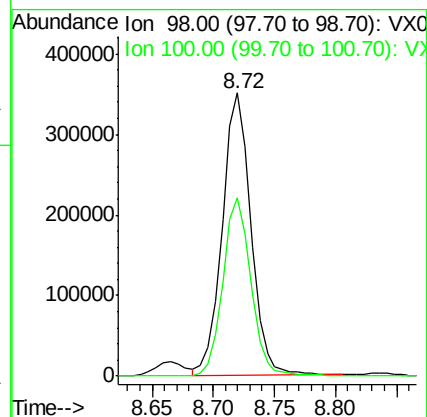
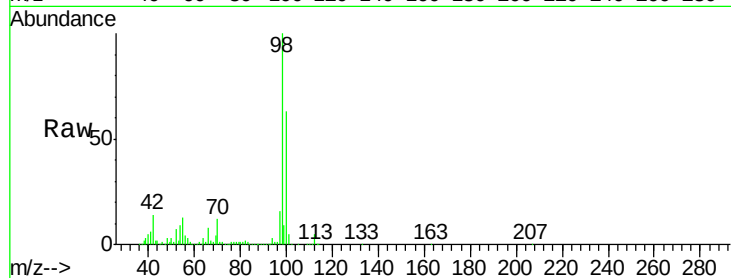
T1-3-SWNN-7.5-8ME

Tot Ion: 98 Resp: 570982

Ion Ratio Lower Upper

98 100

100 62.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 42.97 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX002102.D

Acq: 29 May 2018 19:20

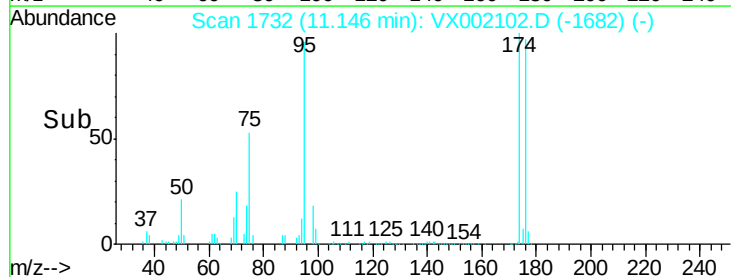
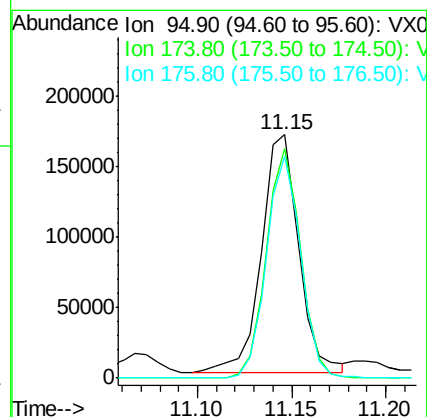
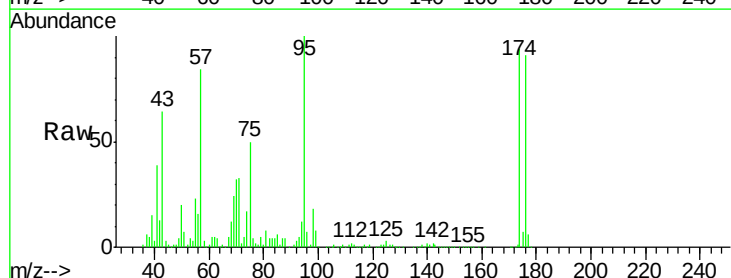
Tgt Ion: 95 Resp: 232825

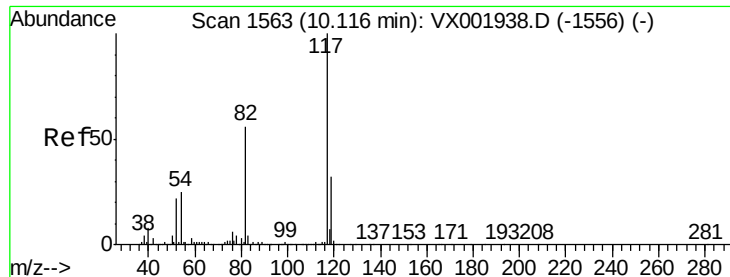
Ion Ratio Lower Upper

95 100

174 88.3 0.0 178.8

176 85.5 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: VX002102.D

Acq: 29 May 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

T1-3-SWNN-7.5-8ME

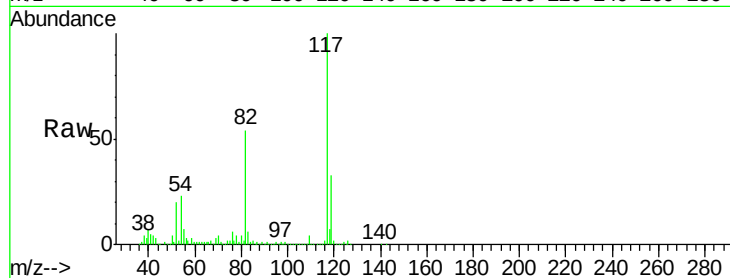
Tot Ion:117 Resp: 368450

Ion Ratio Lower Upper

117 100

82 53.5 44.8 67.2

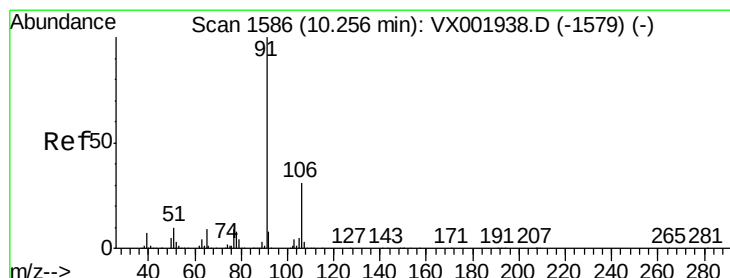
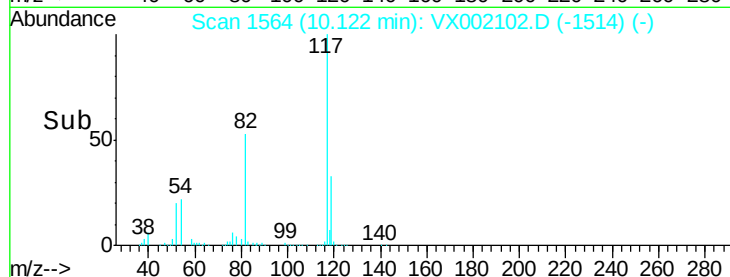
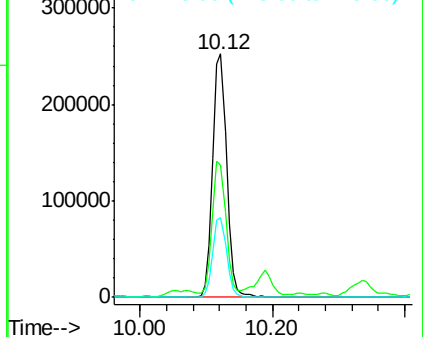
119 32.8 25.5 38.3



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: 8.51 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002102.D

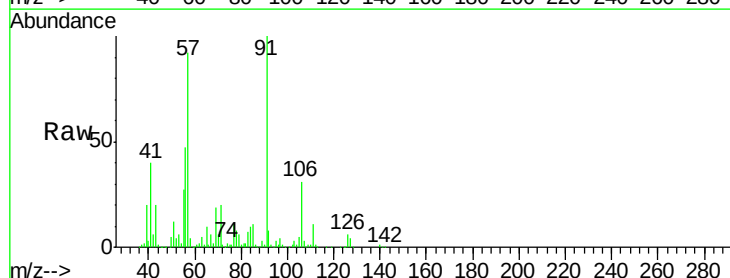
Acq: 29 May 2018 19:20

Tgt Ion: 91 Resp: 172604

Ion Ratio Lower Upper

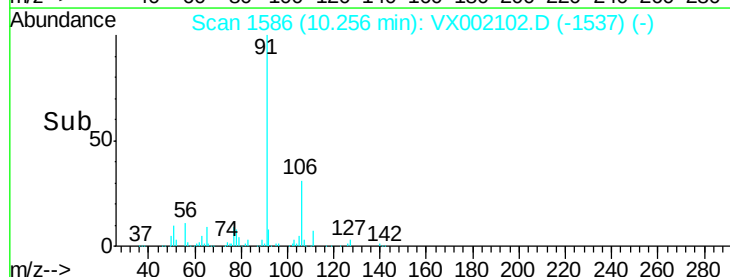
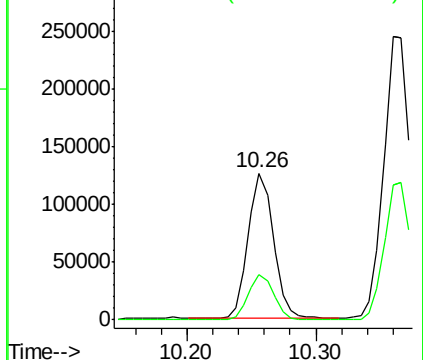
91 100

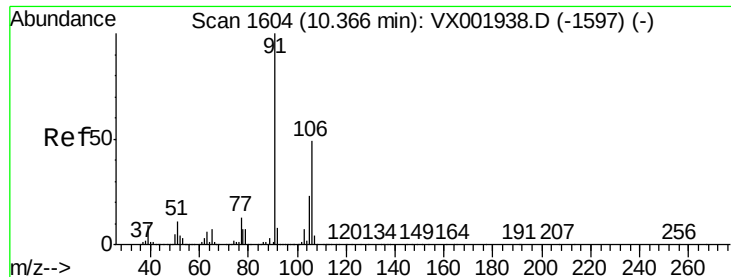
106 31.2 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 22.15 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002102.D

Acq: 29 May 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

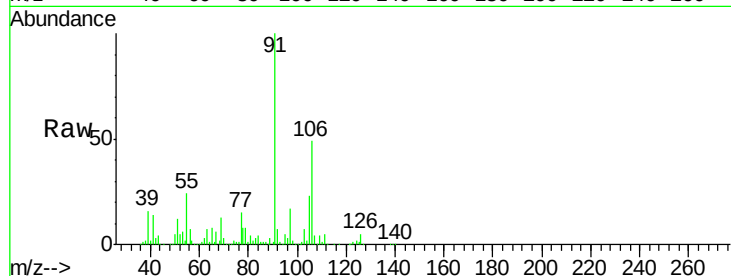
T1-3-SWNN-7.5-8ME

Tot Ion:106 Resp: 171722

Ion Ratio Lower Upper

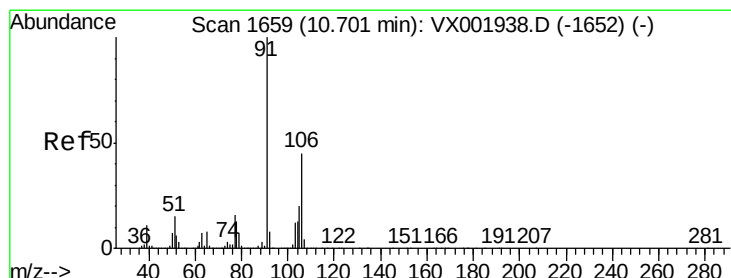
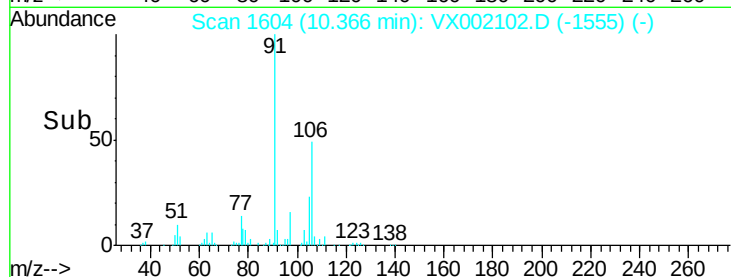
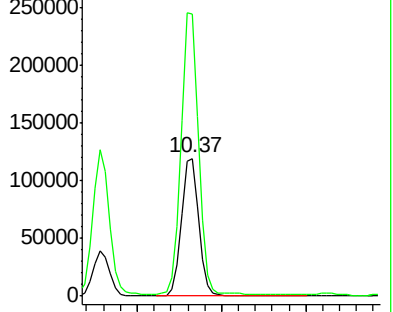
106 100

91 204.4 165.0 247.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 2.44 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX002102.D

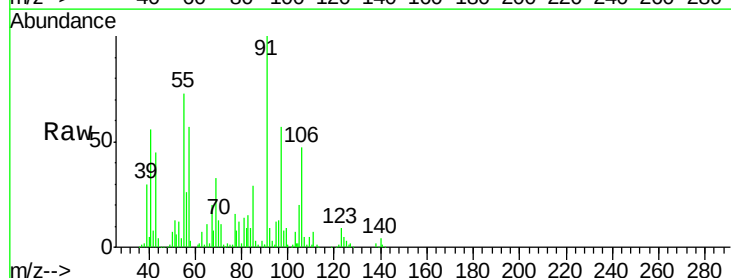
Acq: 29 May 2018 19:20

Tgt Ion:106 Resp: 18868

Ion Ratio Lower Upper

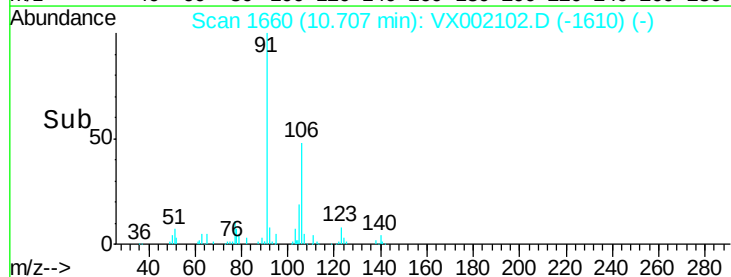
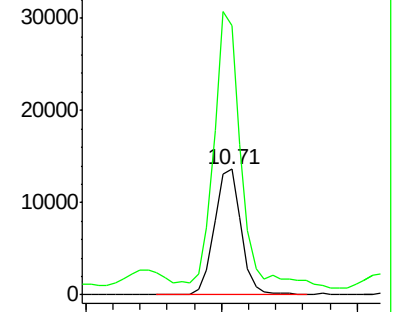
106 100

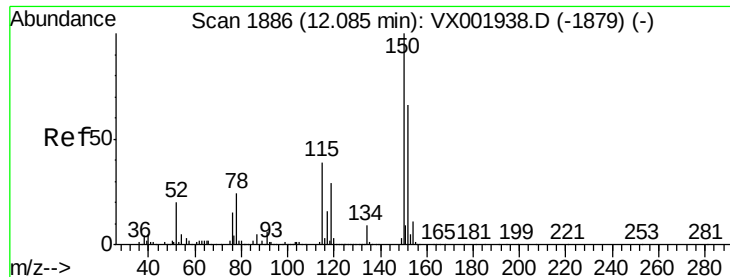
91 220.8 108.7 325.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



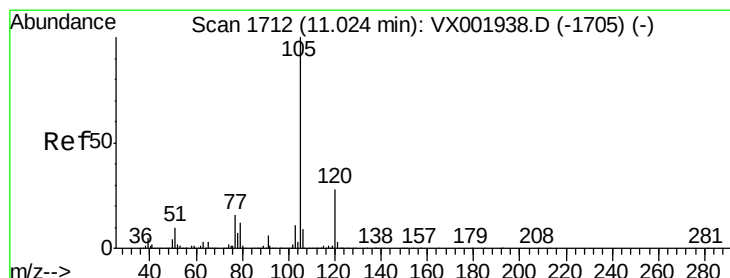
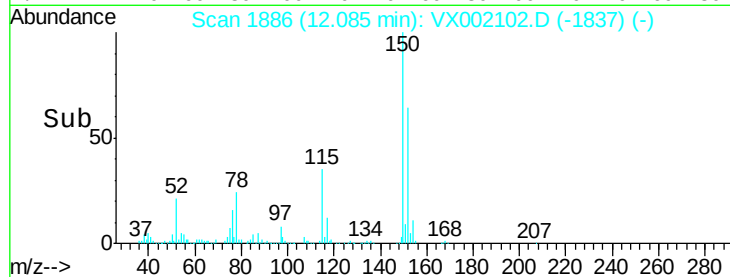
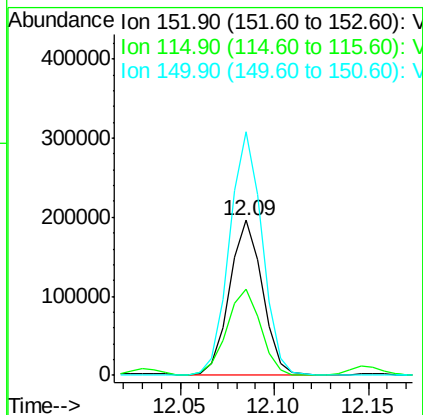
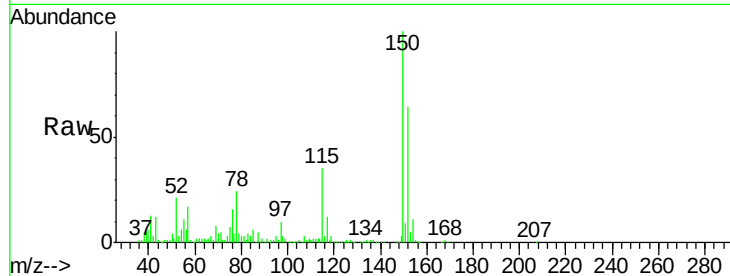


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002102.D
Acq: 29 May 2018 19:20

Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWNN-7.5-8ME

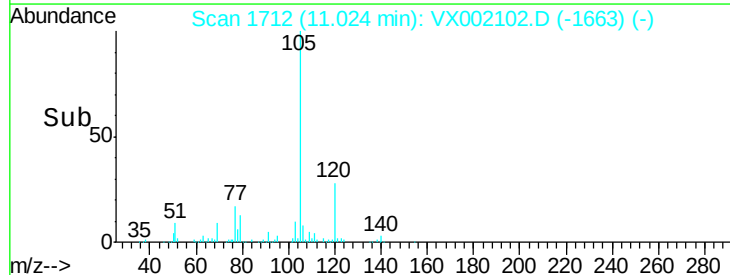
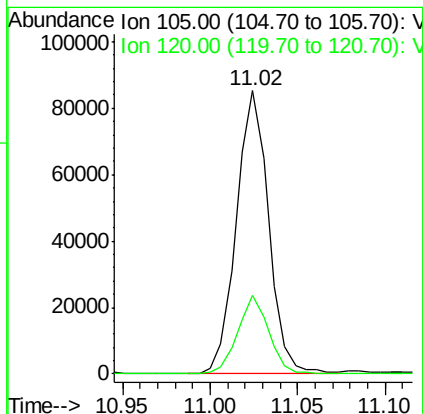
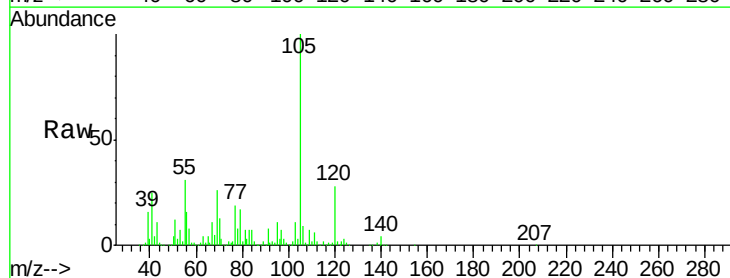
Tot Ion	Ratio	Lower	Upper
152	100		
115	58.0	42.3	126.8
150	157.1	0.0	351.0

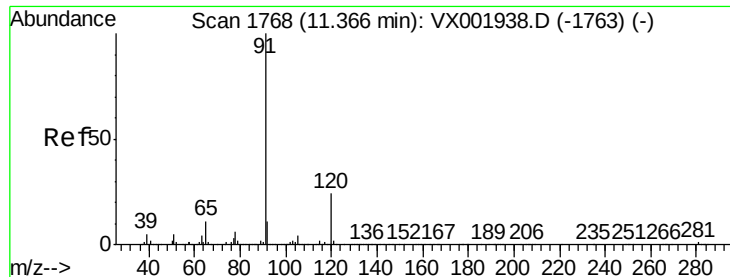


#73

Isopropylbenzene
Concen: 5.46 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002102.D
Acq: 29 May 2018 19:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.6	40.7





#78

n-propylbenzene

Concen: 19.17 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002102.D

Acq: 29 May 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

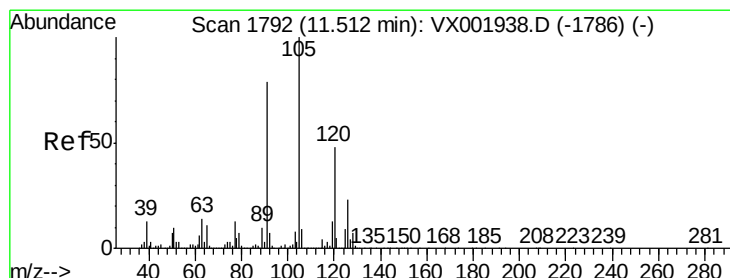
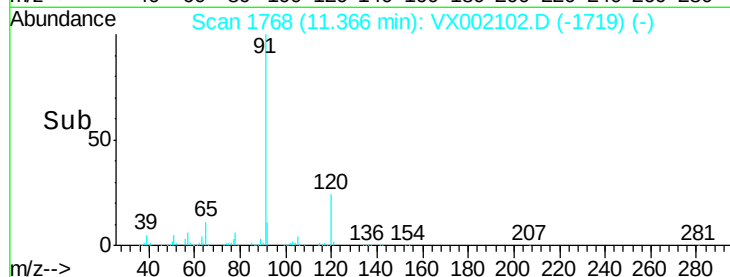
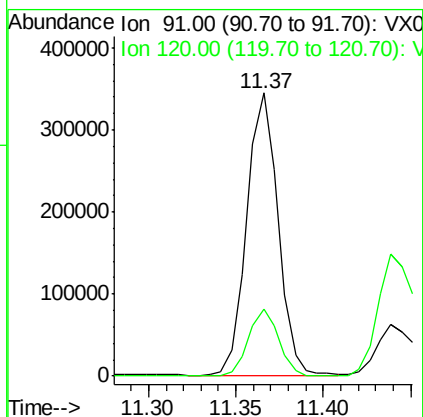
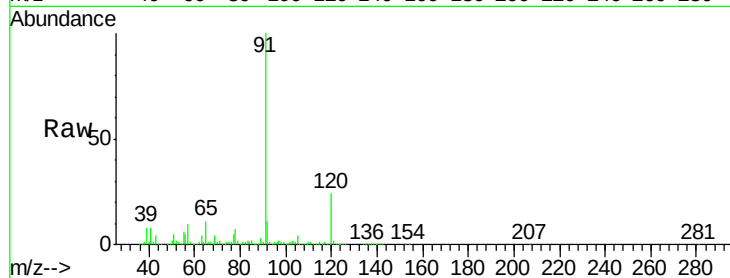
T1-3-SWNN-7.5-8ME

Tot Ion: 91 Resp: 428006

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.7



#80

1,3,5-Trimethylbenzene

Concen: 24.98 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002102.D

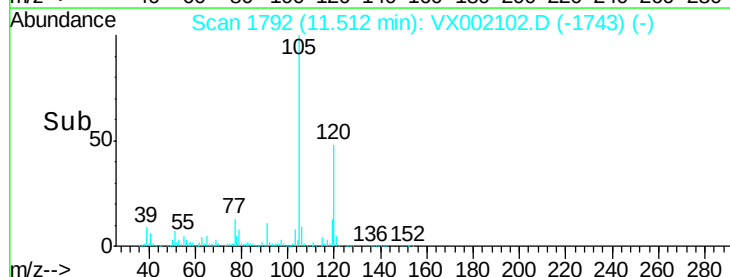
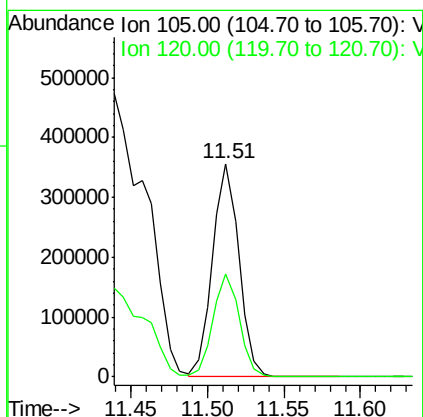
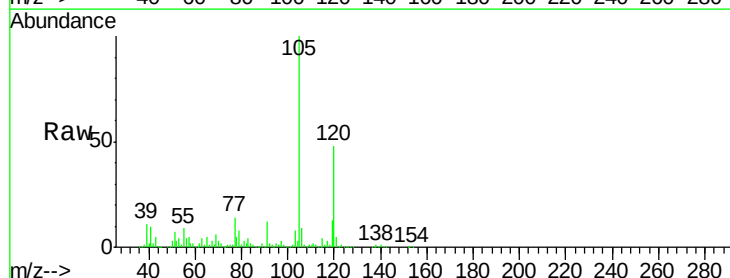
Acq: 29 May 2018 19:20

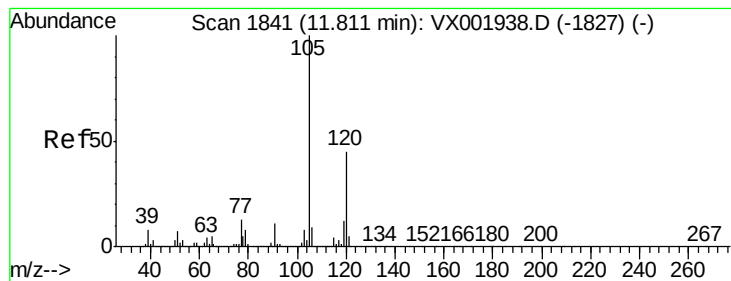
Tgt Ion: 105 Resp: 425555

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.4





#84

1,2,4-Trimethylbenzene

Concen: 66.72 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002102.D

Acq: 29 May 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

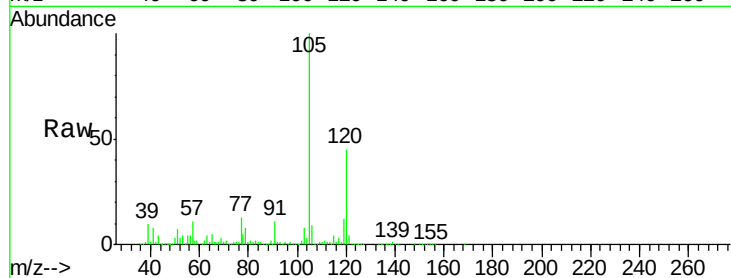
T1-3-SWNN-7.5-8ME

Tot Ion:105 Resp: 1174539

Ion Ratio Lower Upper

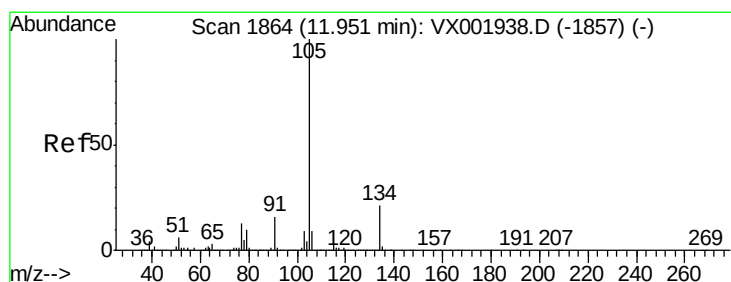
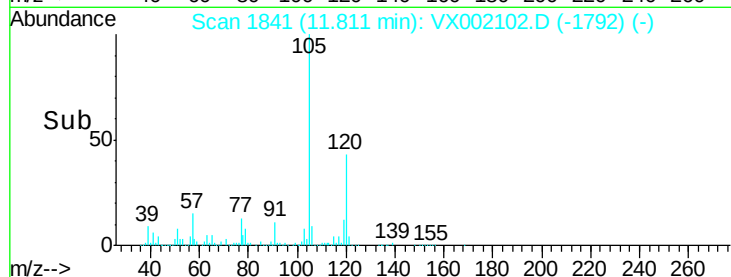
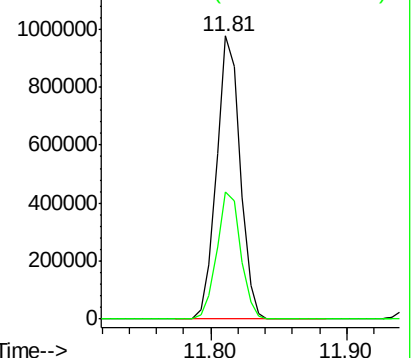
105 100

120 45.5 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: 5.76 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002102.D

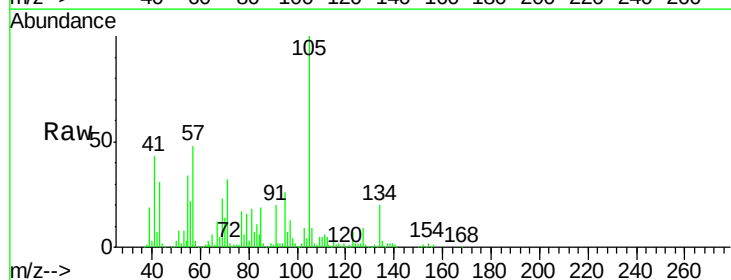
Acq: 29 May 2018 19:20

Tgt Ion:105 Resp: 115832

Ion Ratio Lower Upper

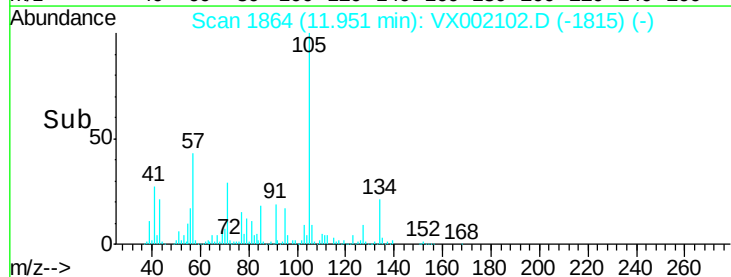
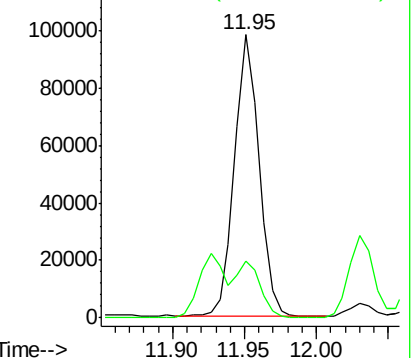
105 100

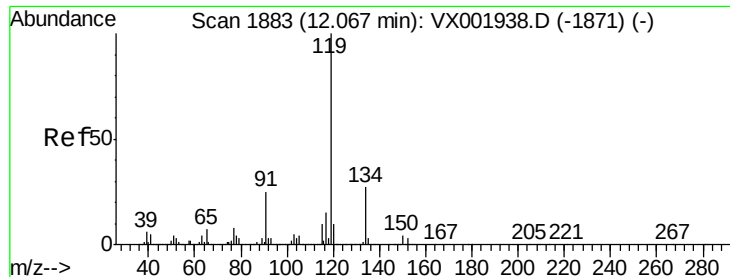
134 19.5 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 4.37 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002102.D

Acq: 29 May 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

T1-3-SWNN-7.5-8ME

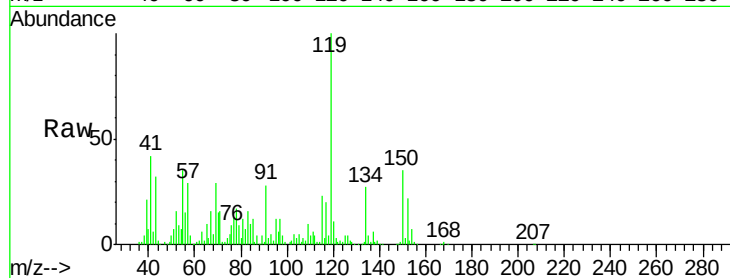
Tot Ion:119 Resp: 78577

Ion Ratio Lower Upper

119 100

134 27.9 13.6 40.8

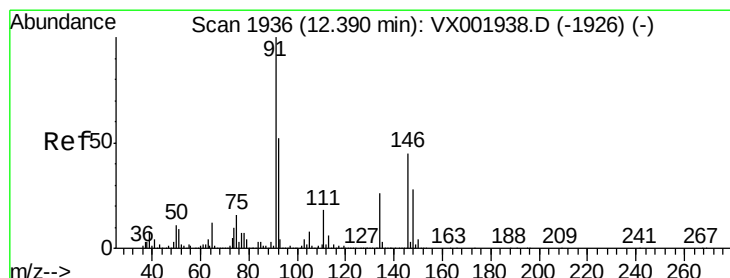
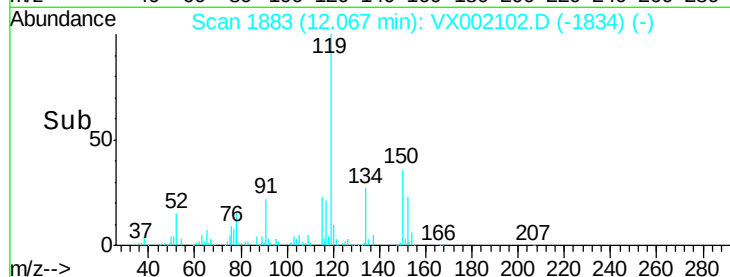
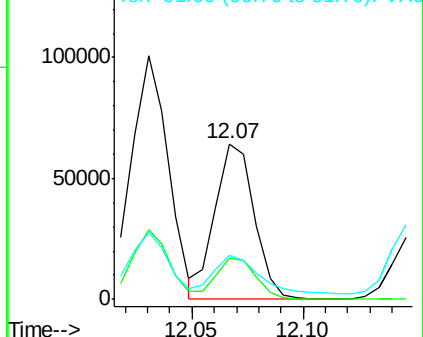
91 28.7 12.2 36.4



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: 25.18 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002102.D

Acq: 29 May 2018 19:20

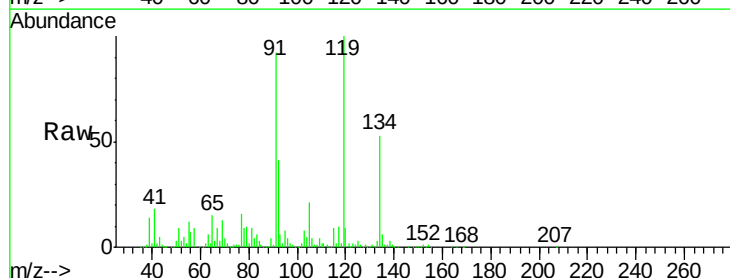
Tgt Ion: 91 Resp: 383600

Ion Ratio Lower Upper

91 100

92 34.3 26.3 78.9

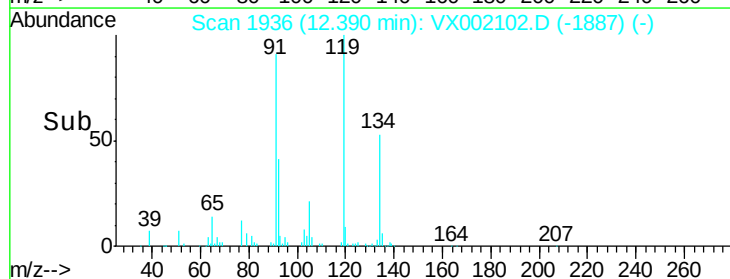
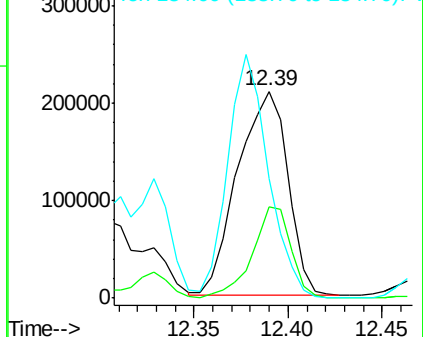
134 96.6 13.6 40.7#

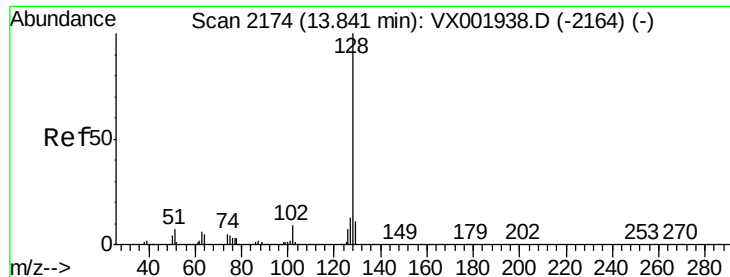


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#95
Naphthalene
Concen: 15.46 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002102.D
Acq: 29 May 2018 19:20

Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWNN-7.5-8ME

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	14.0	8.8	13.2

