

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
 Data File : VX006420.D
 Acq On : 11 Dec 2018 15:04
 Operator : JC/MD
 Sample : J6334-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B3-121018

Quant Time: Dec 12 09:15:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	827273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1248631	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1123923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	543563	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	408891	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
35) Dibromofluoromethane	5.50	113	380938	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	
50) Toluene-d8	8.71	98	1453897	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	537125	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	

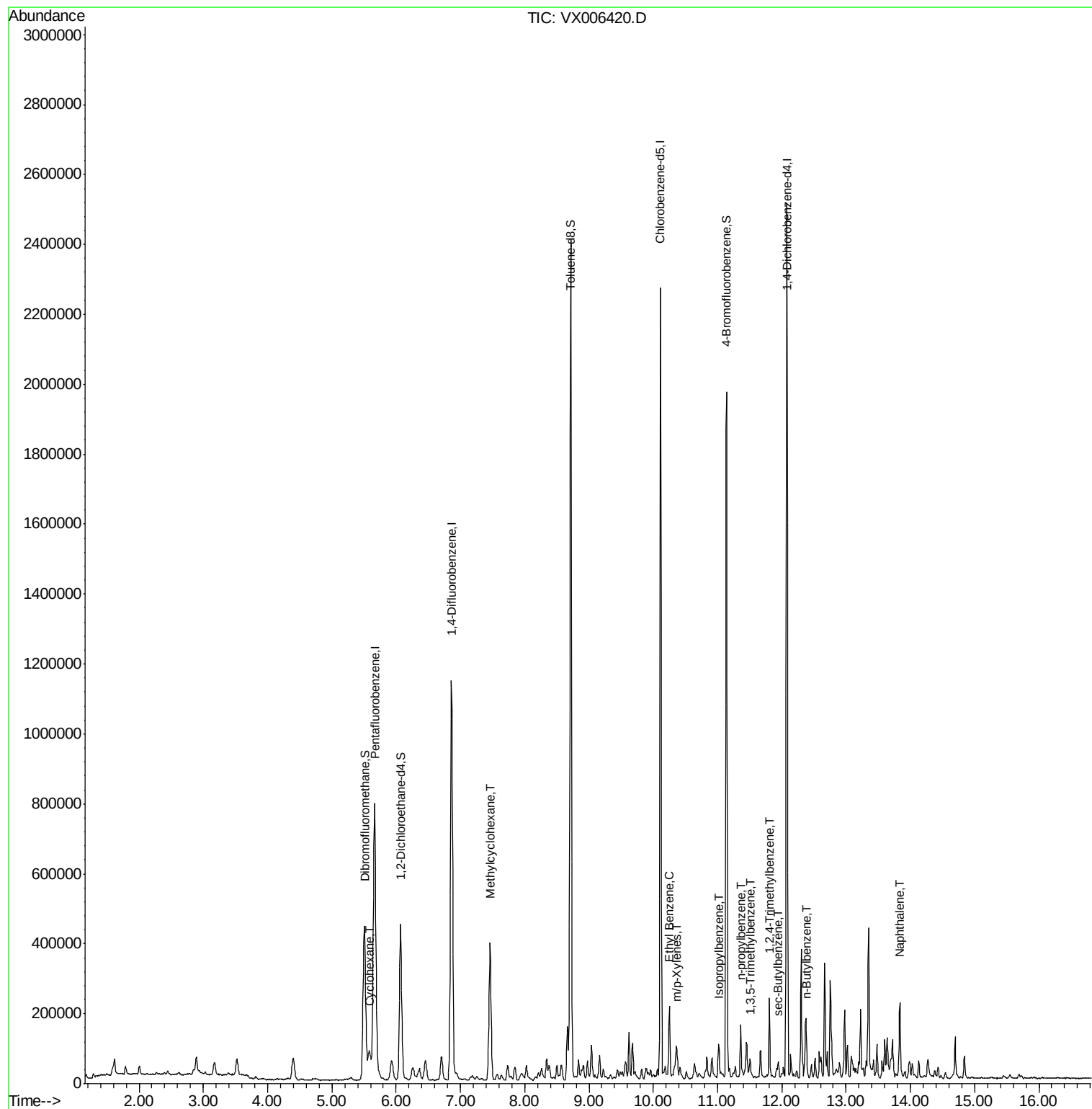
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.59	56	59330	4.863	ug/l	93
39) Methylcyclohexane	7.46	83	194783	14.271	ug/l	97
67) Ethyl Benzene	10.25	91	114646	2.889	ug/l	100
68) m/p-Xylenes	10.36	106	16896	1.063	ug/l	99
73) Isopropylbenzene	11.02	105	51667	1.376	ug/l	100
78) n-propylbenzene	11.36	91	89048	2.134	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	20130	0.645	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	99609	3.089	ug/l	97
85) sec-Butylbenzene	11.94	105	21452	0.566	ug/l #	58
89) n-Butylbenzene	12.39	91	35575	1.221	ug/l #	53
95) Naphthalene	13.83	128	139991	3.353	ug/l	97

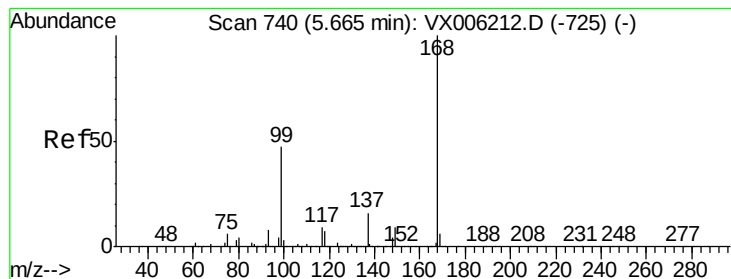
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121118\
Data File : VX006420.D
Acq On : 11 Dec 2018 15:04
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Sample : J6334-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B3-121018

Quant Time: Dec 12 09:15:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006420.D

Acq: 11 Dec 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

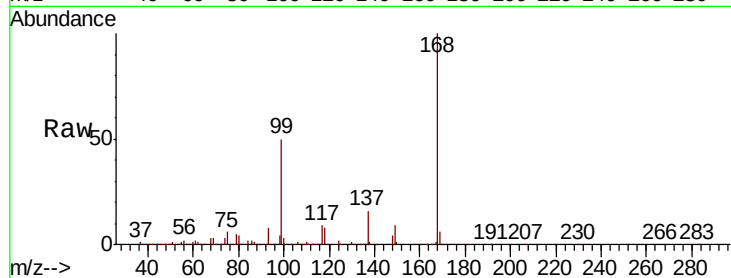
B3-121018

Tot Ion:168 Resp: 827273

Ion Ratio Lower Upper

168 100

99 49.8 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

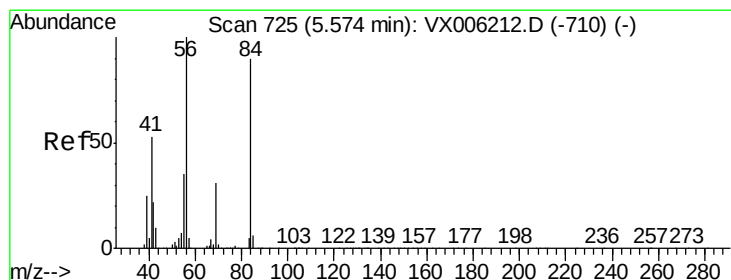
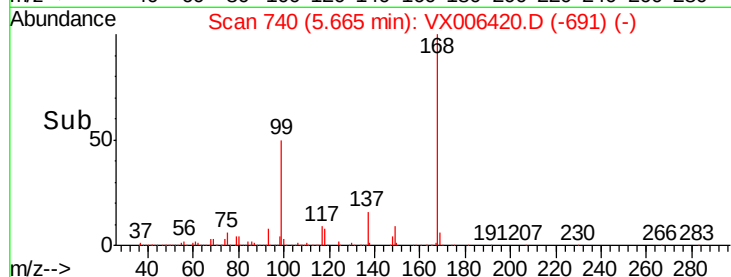
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 4.863 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX006420.D

Acq: 11 Dec 2018 15:04

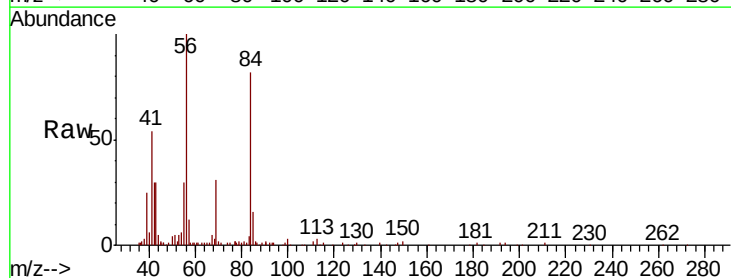
Tgt Ion: 56 Resp: 59330

Ion Ratio Lower Upper

56 100

69 28.7 24.5 36.7

84 82.2 71.8 107.6



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

20000

15000

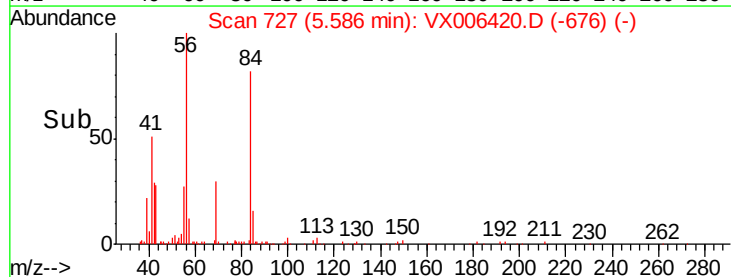
10000

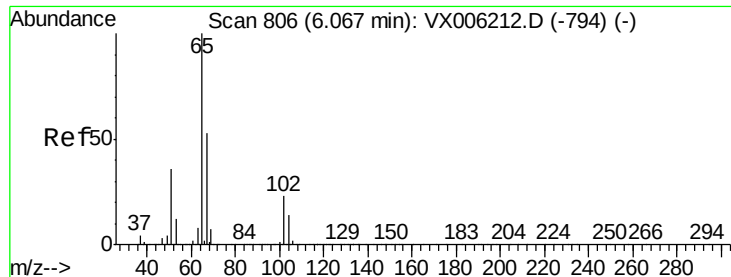
5000

0

Time-->

5.45 5.50 5.55 5.60 5.65





#33

1,2-Dichloroethane-d4

Concen: 48.417 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006420.D

Acq: 11 Dec 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

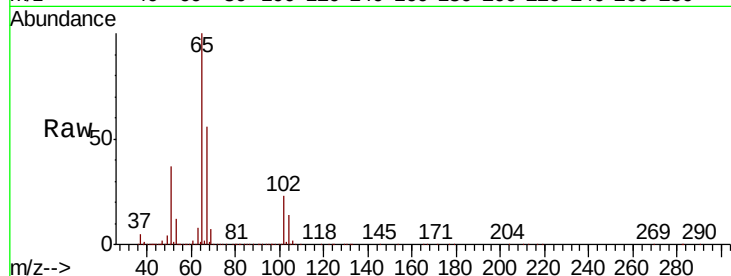
B3-121018

Tot Ion: 65 Resp: 408891

Ion Ratio Lower Upper

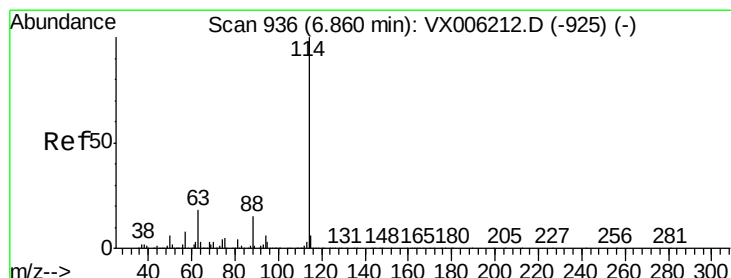
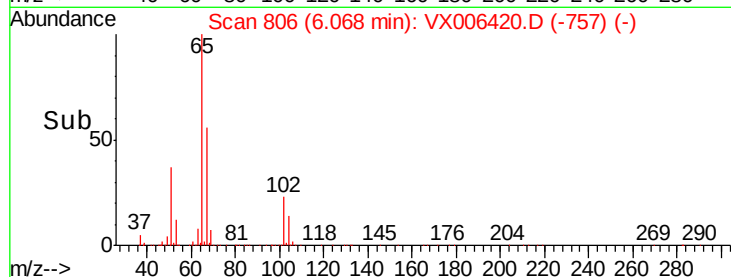
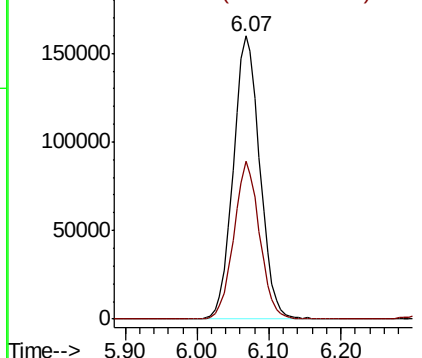
65 100

67 53.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006420.D

Acq: 11 Dec 2018 15:04

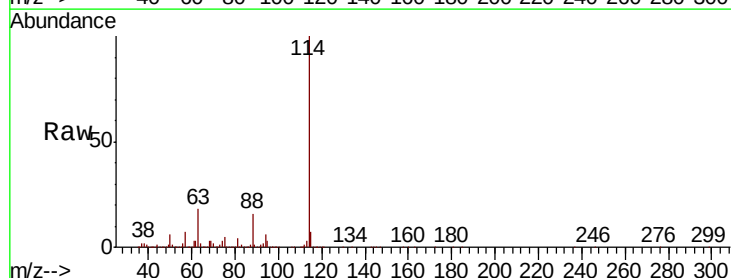
Tgt Ion: 114 Resp: 1248631

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.6

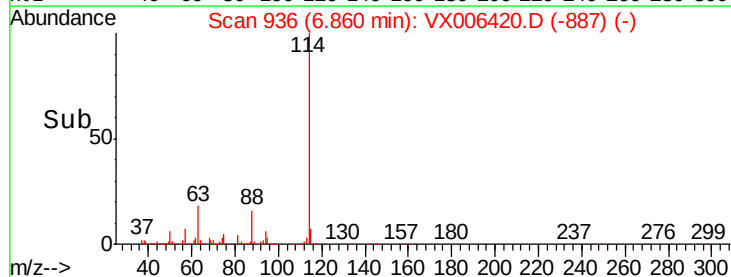
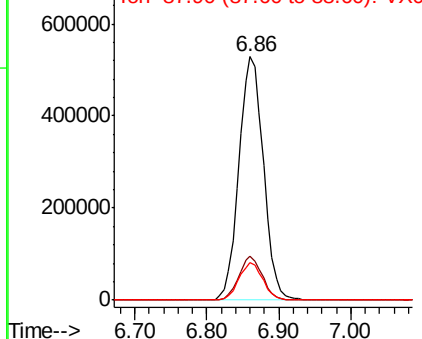
88 15.6 0.0 29.0

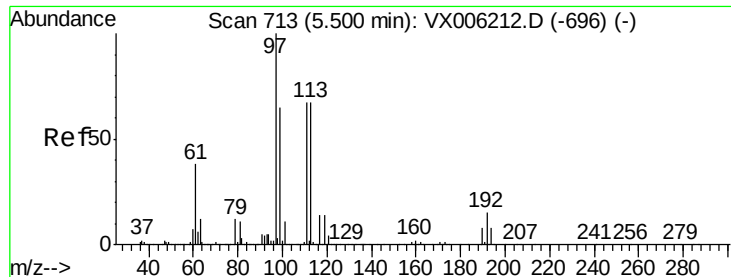


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

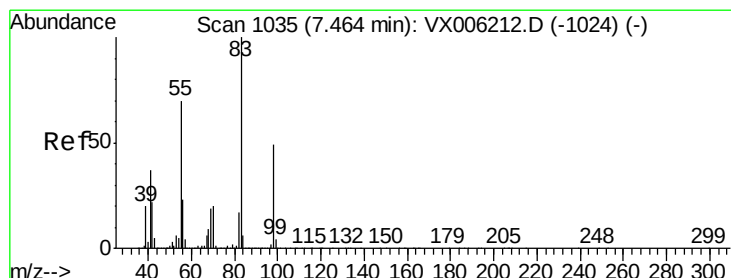
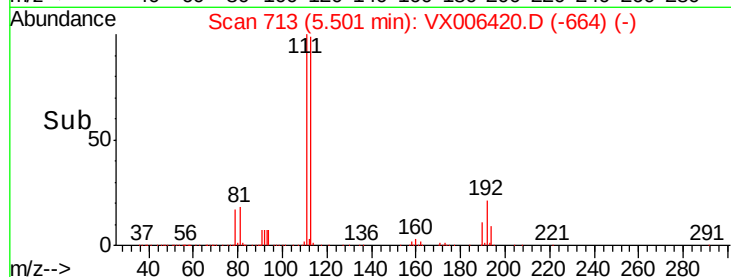
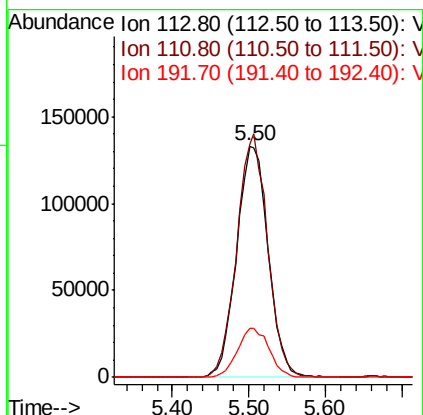
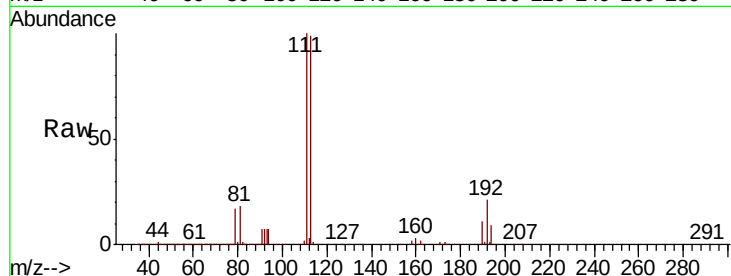




#35
 Dibromofluoromethane
 Concen: 47.120 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006420.D
 Acq: 11 Dec 2018 15:04

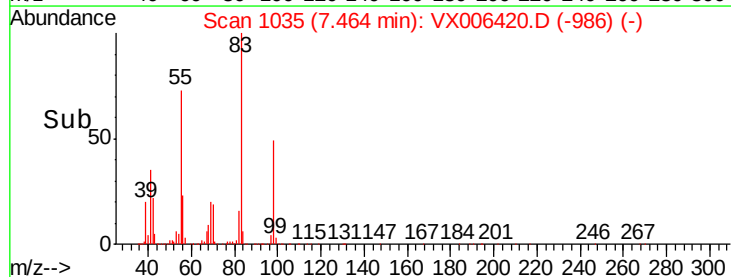
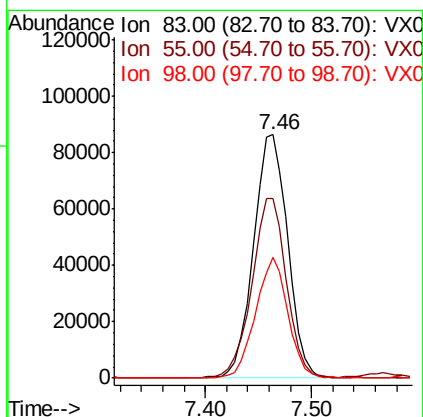
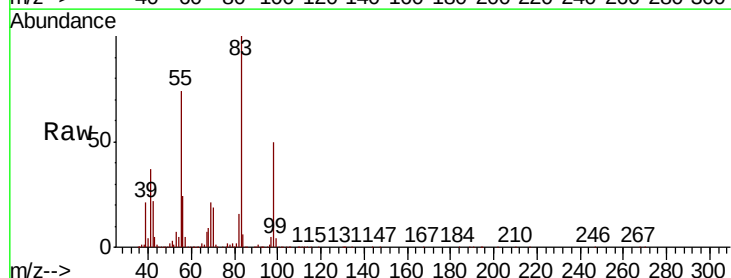
Instrument :
 MSVOA_X
 ClientSampleId :
 B3-121018

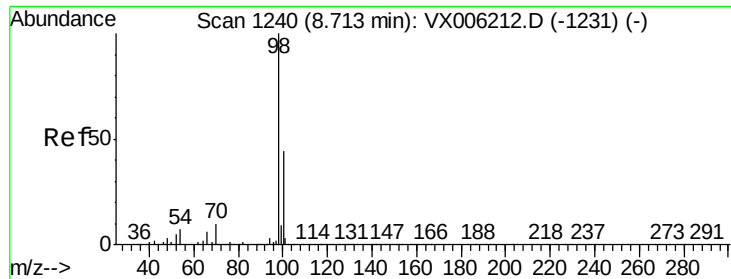
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	21.4	18.2	27.2



#39
 Methylcyclohexane
 Concen: 14.271 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX006420.D
 Acq: 11 Dec 2018 15:04

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.4	56.4	84.6
98	49.6	39.0	58.6

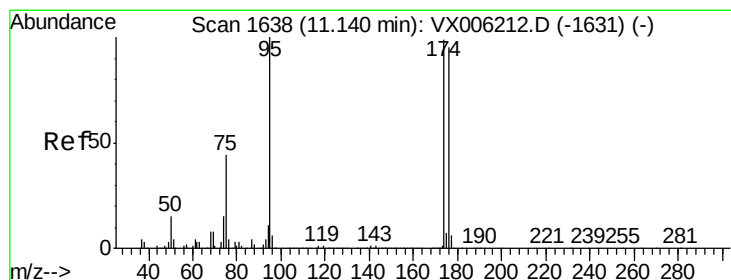
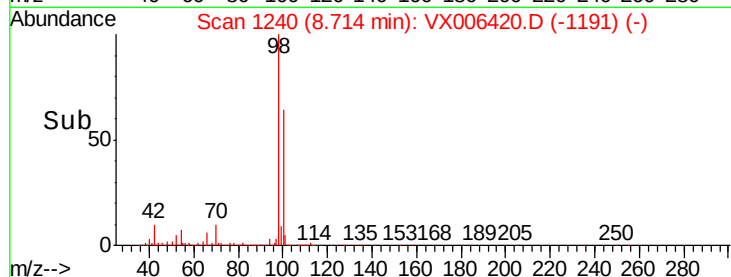
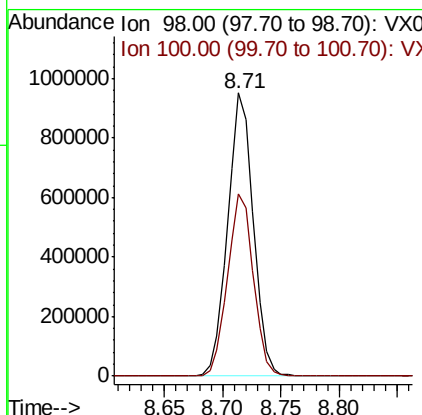
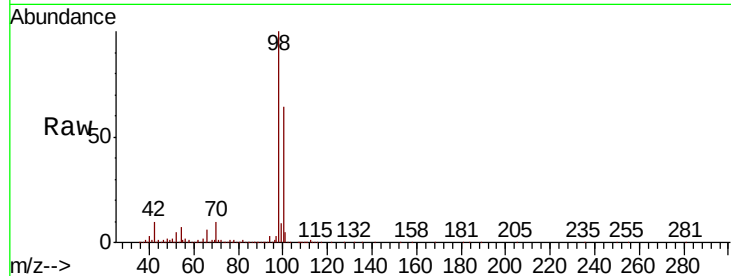




#50
Toluene-d8
Concen: 49.442 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006420.D
Acq: 11 Dec 2018 15:04

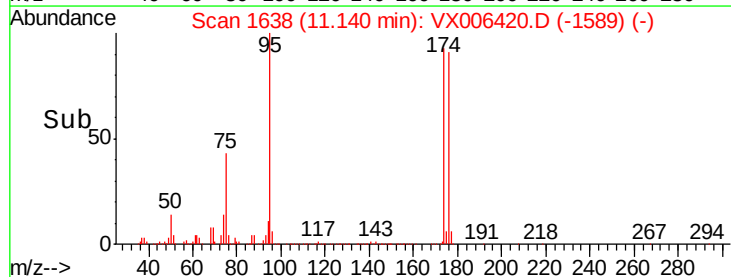
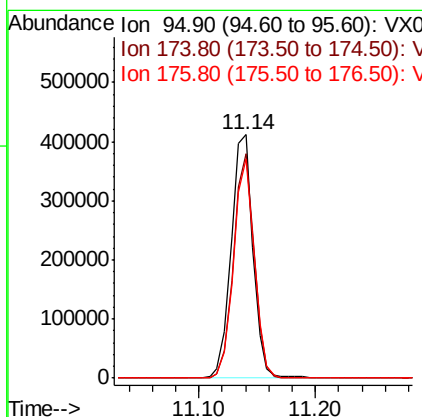
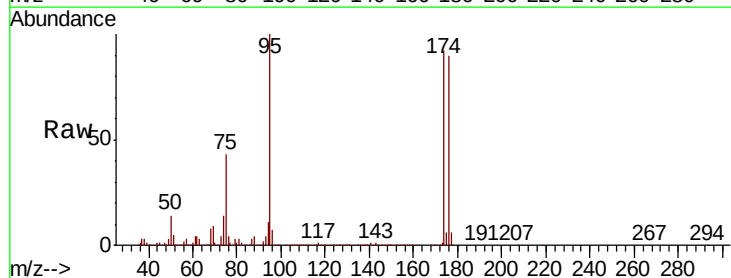
Instrument :
MSVOA_X
ClientSampleId :
B3-121018

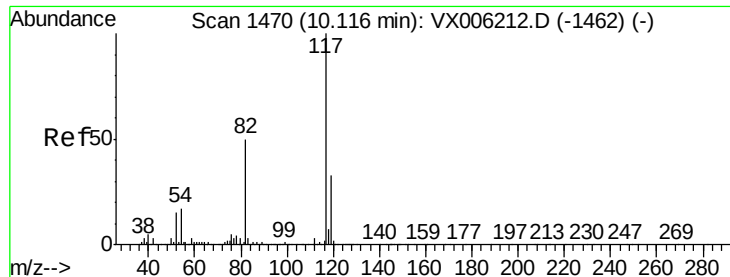
Tot Ion: 98 Resp: 1453897
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.472 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006420.D
Acq: 11 Dec 2018 15:04

Tgt Ion: 95 Resp: 537125
Ion Ratio Lower Upper
95 100
174 87.9 0.0 187.0
176 85.9 0.0 181.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006420.D

Acq: 11 Dec 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

B3-121018

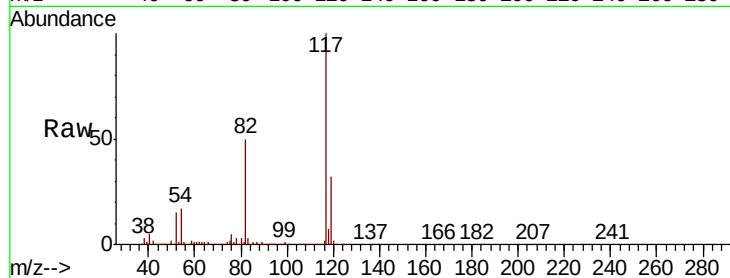
Tot Ion:117 Resp: 1123923

Ion Ratio Lower Upper

117 100

82 49.8 39.6 59.4

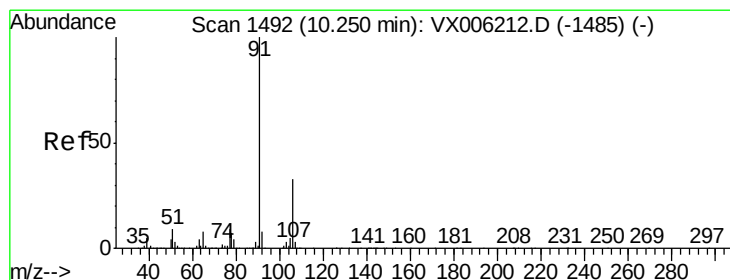
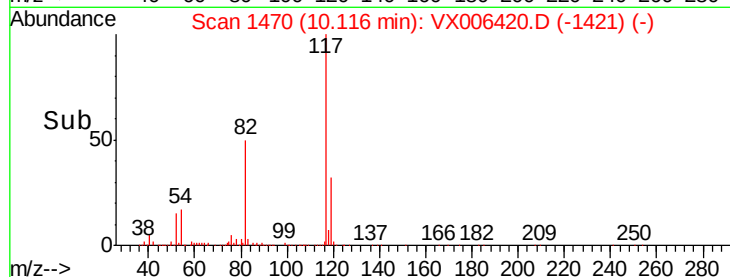
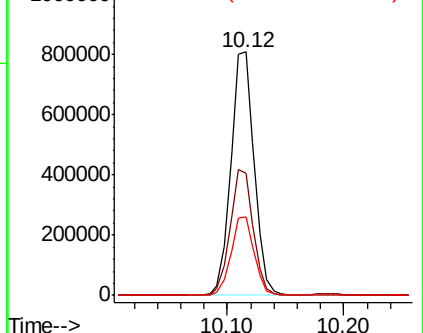
119 32.3 26.3 39.5



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: 2.889 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006420.D

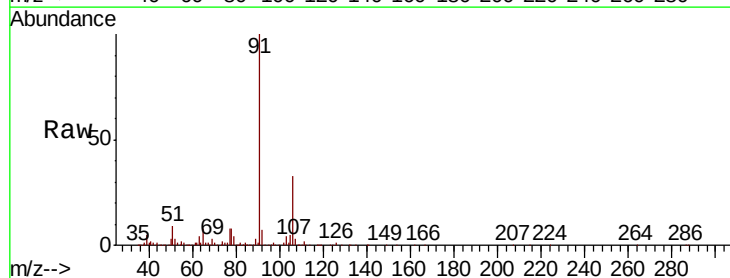
Acq: 11 Dec 2018 15:04

Tgt Ion: 91 Resp: 114646

Ion Ratio Lower Upper

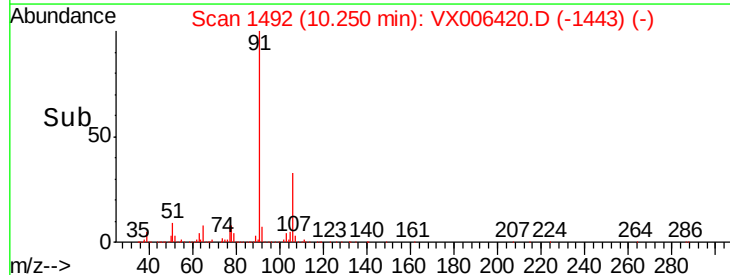
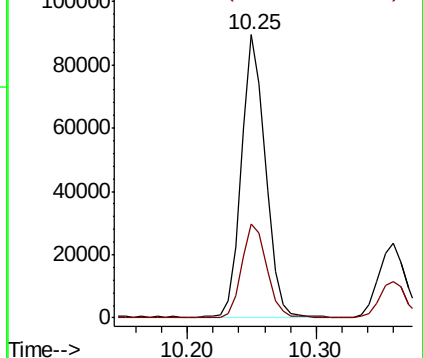
91 100

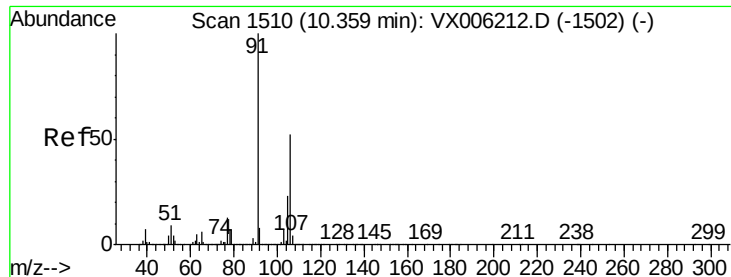
106 33.3 26.5 39.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xvlenes

Concen: 1.063 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006420.D

Acq: 11 Dec 2018 15:04

Instrument :

MSVOA_X

ClientSampled :

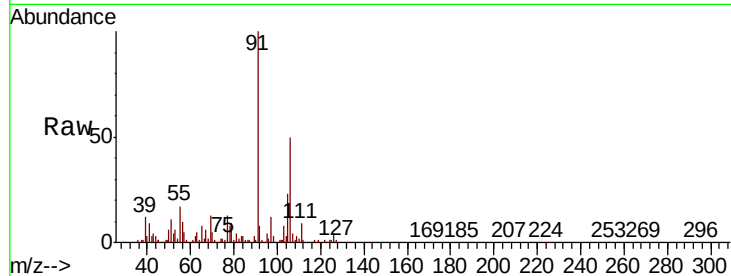
B3-121018

Tot Ion:106 Resp: 16896

Ion Ratio Lower Upper

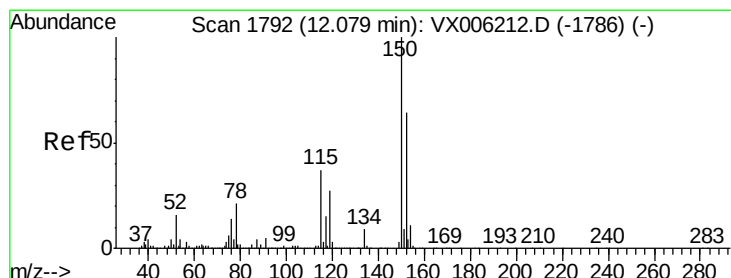
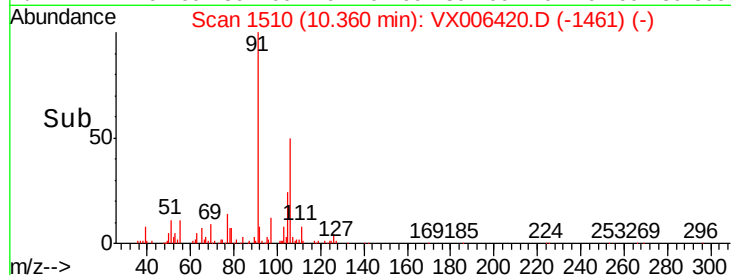
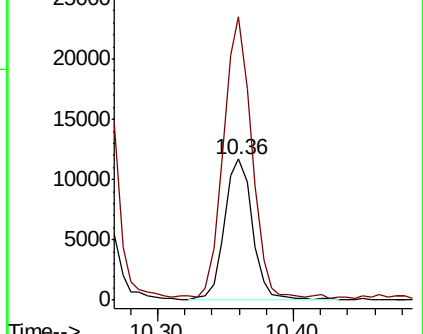
106 100

91 195.9 155.2 232.8



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006420.D

Acq: 11 Dec 2018 15:04

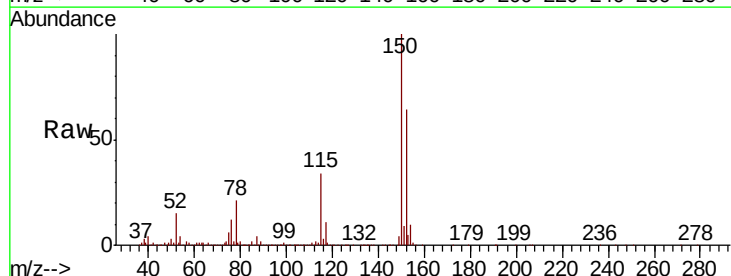
Tgt Ion:152 Resp: 543563

Ion Ratio Lower Upper

152 100

115 55.6 39.0 116.9

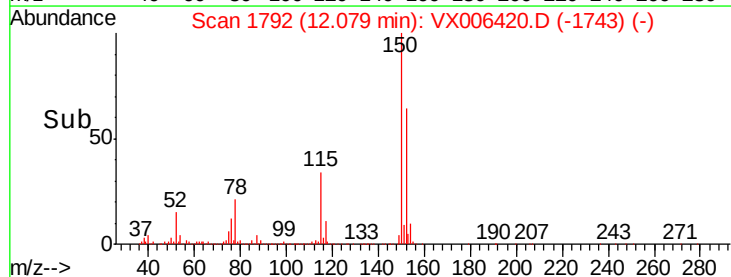
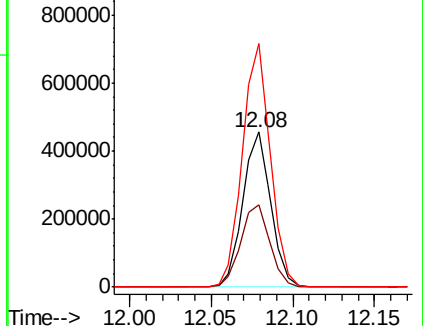
150 157.5 0.0 345.8

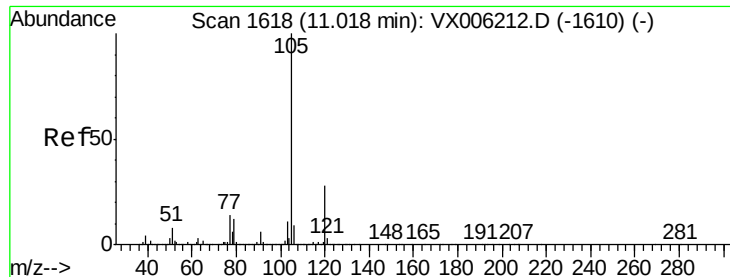


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.376 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006420.D

Acq: 11 Dec 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

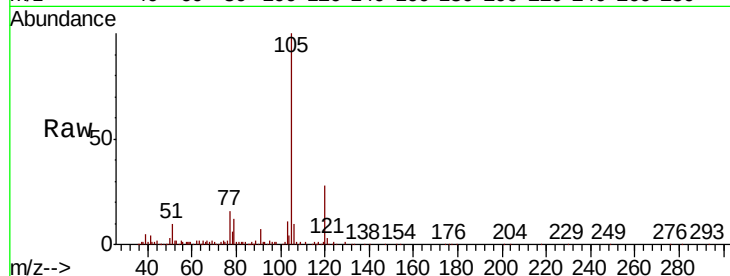
B3-121018

Tot Ion:105 Resp: 51667

Ion Ratio Lower Upper

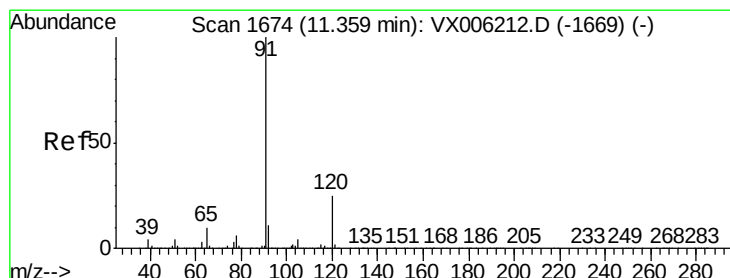
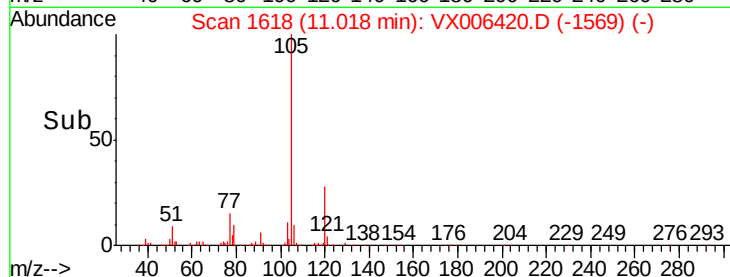
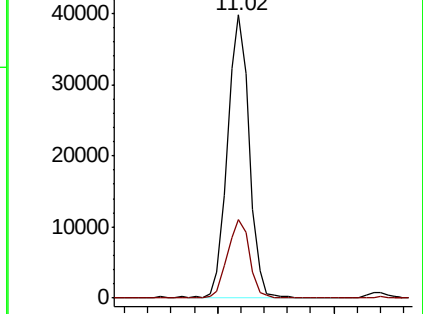
105 100

120 28.2 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 2.134 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006420.D

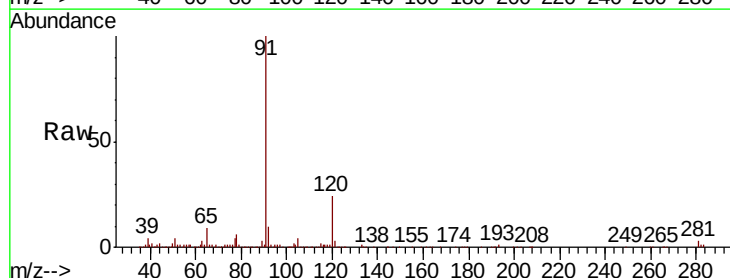
Acq: 11 Dec 2018 15:04

Tgt Ion: 91 Resp: 89048

Ion Ratio Lower Upper

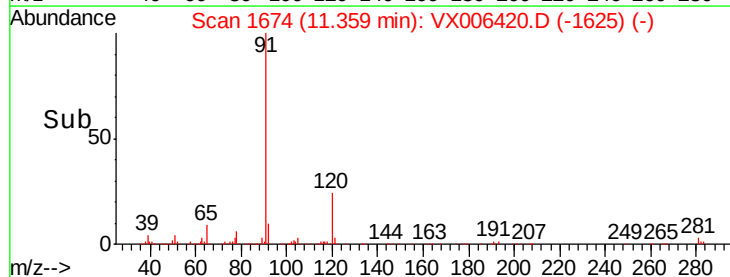
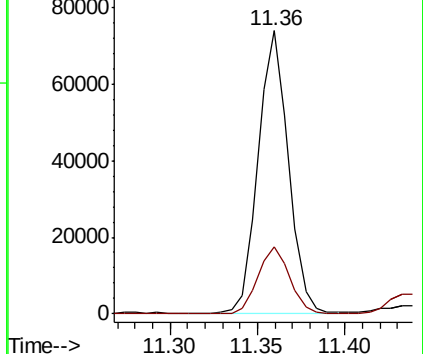
91 100

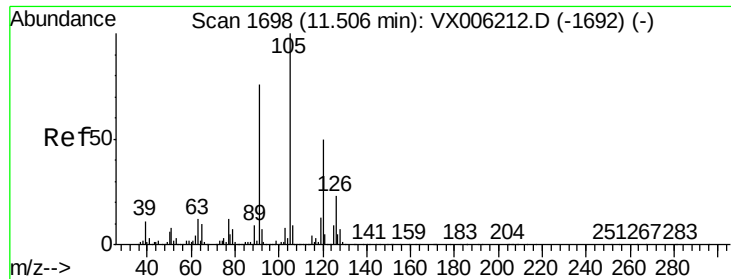
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

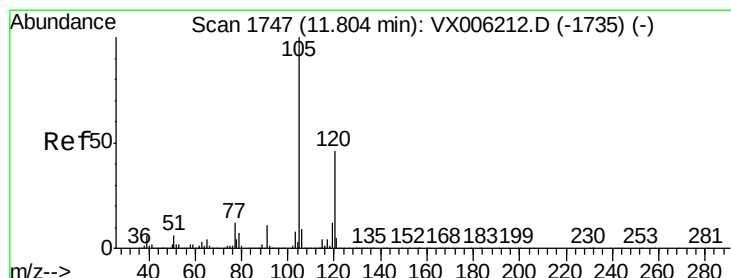
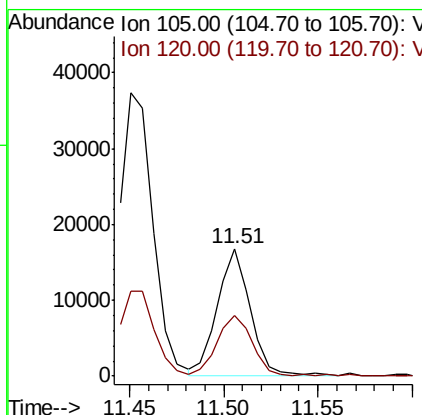
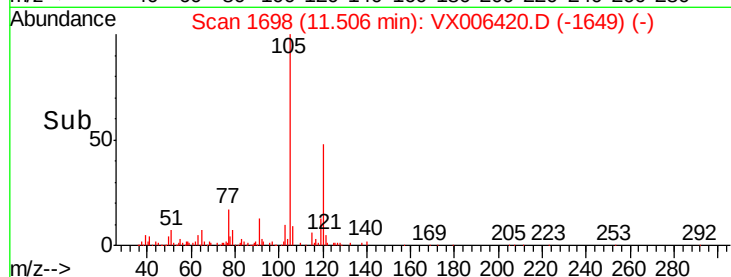
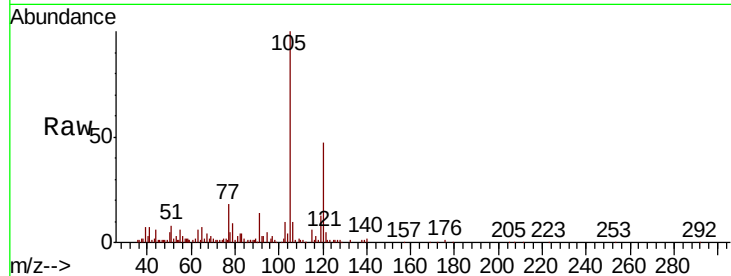




#80
 1,3,5-Trimethylbenzene
 Concen: 0.645 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006420.D
 Acq: 11 Dec 2018 15:04

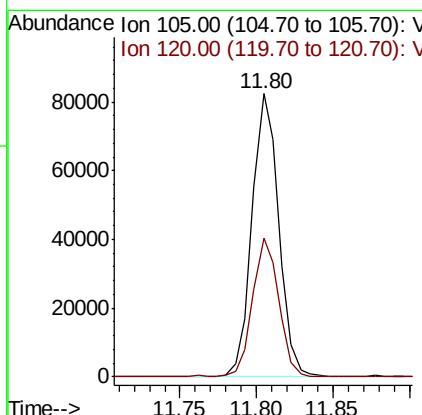
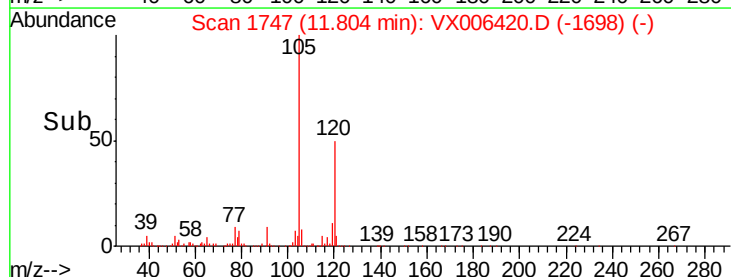
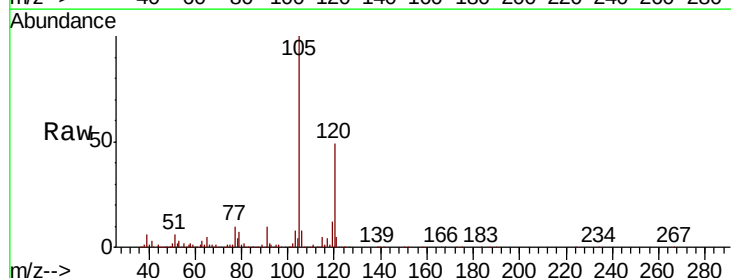
Instrument :
 MSVOA_X
 ClientSampleId :
 B3-121018

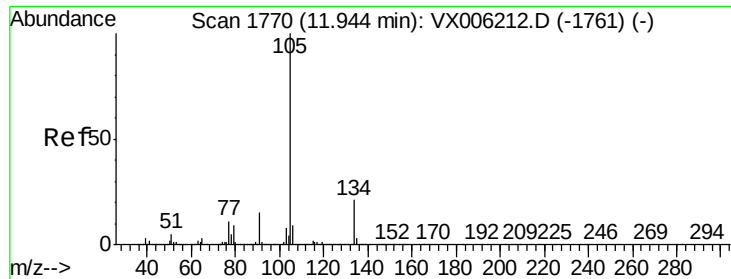
Tot Ion:105 Resp: 20130
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.4 76.0



#84
 1,2,4-Trimethylbenzene
 Concen: 3.089 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006420.D
 Acq: 11 Dec 2018 15:04

Tgt Ion:105 Resp: 99609
 Ion Ratio Lower Upper
 105 100
 120 48.9 23.4 70.0





#85

sec-Butylbenzene

Concen: 0.566 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006420.D

Acq: 11 Dec 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

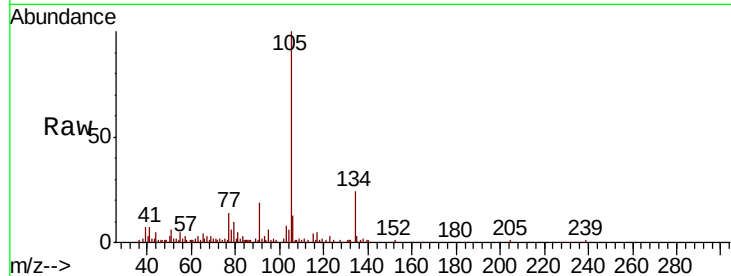
B3-121018

Tot Ion:105 Resp: 21452

Ion Ratio Lower Upper

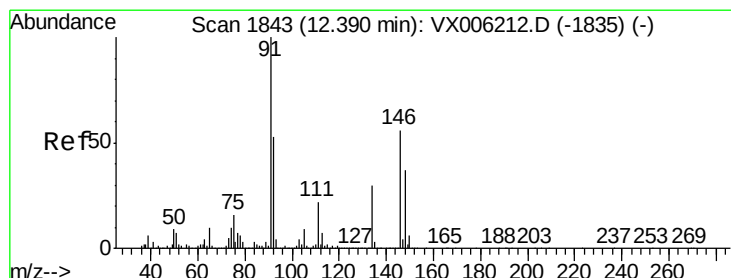
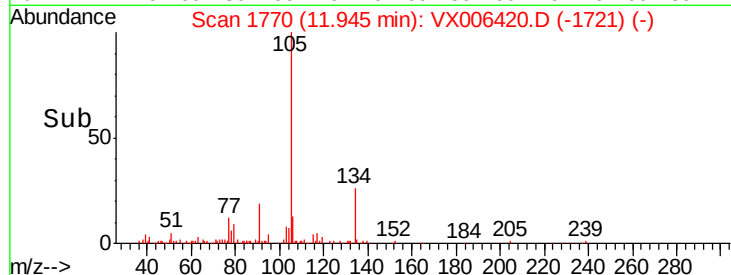
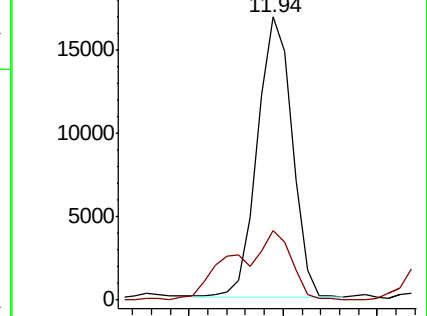
105 100

134 41.3 10.8 32.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 1.221 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006420.D

Acq: 11 Dec 2018 15:04

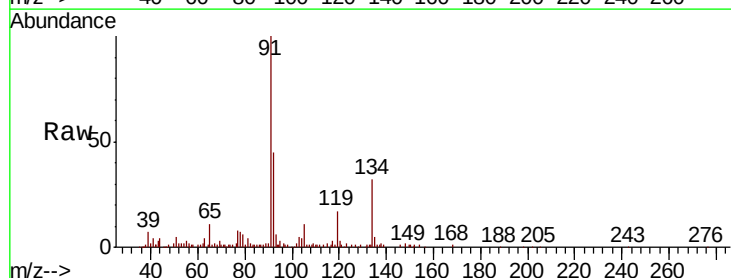
Tgt Ion: 91 Resp: 35575

Ion Ratio Lower Upper

91 100

92 40.6 26.6 79.8

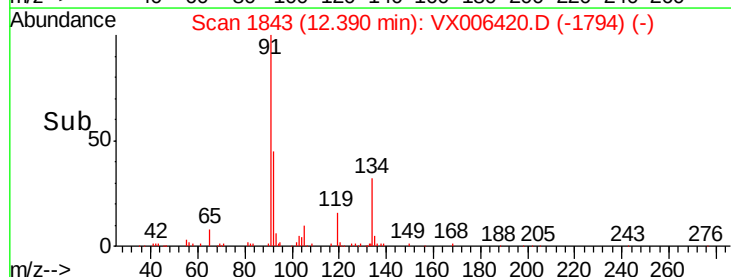
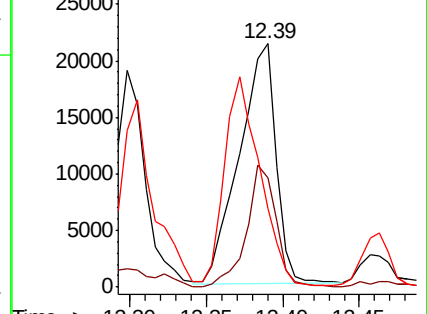
134 83.4 14.8 44.3#

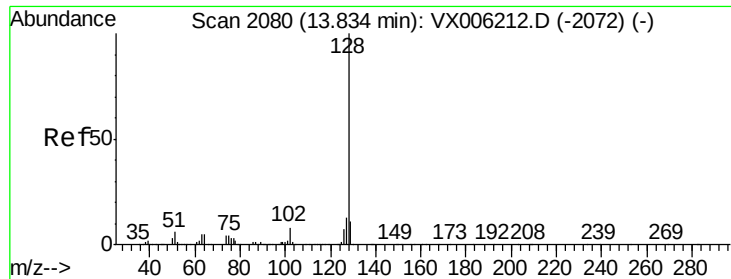


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

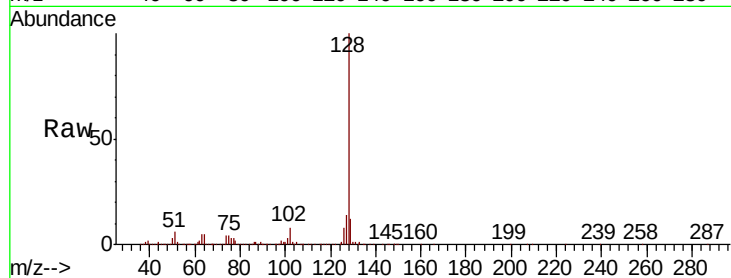




#95
Naphthalene
Concen: 3.353 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006420.D
Acq: 11 Dec 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
B3-121018

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	12.4	8.9	13.3



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

