

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006682.D
 Acq On : 20 Dec 2018 18:01
 Operator : JC/MD
 Sample : J6469-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-1

Quant Time: Dec 21 04:27:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

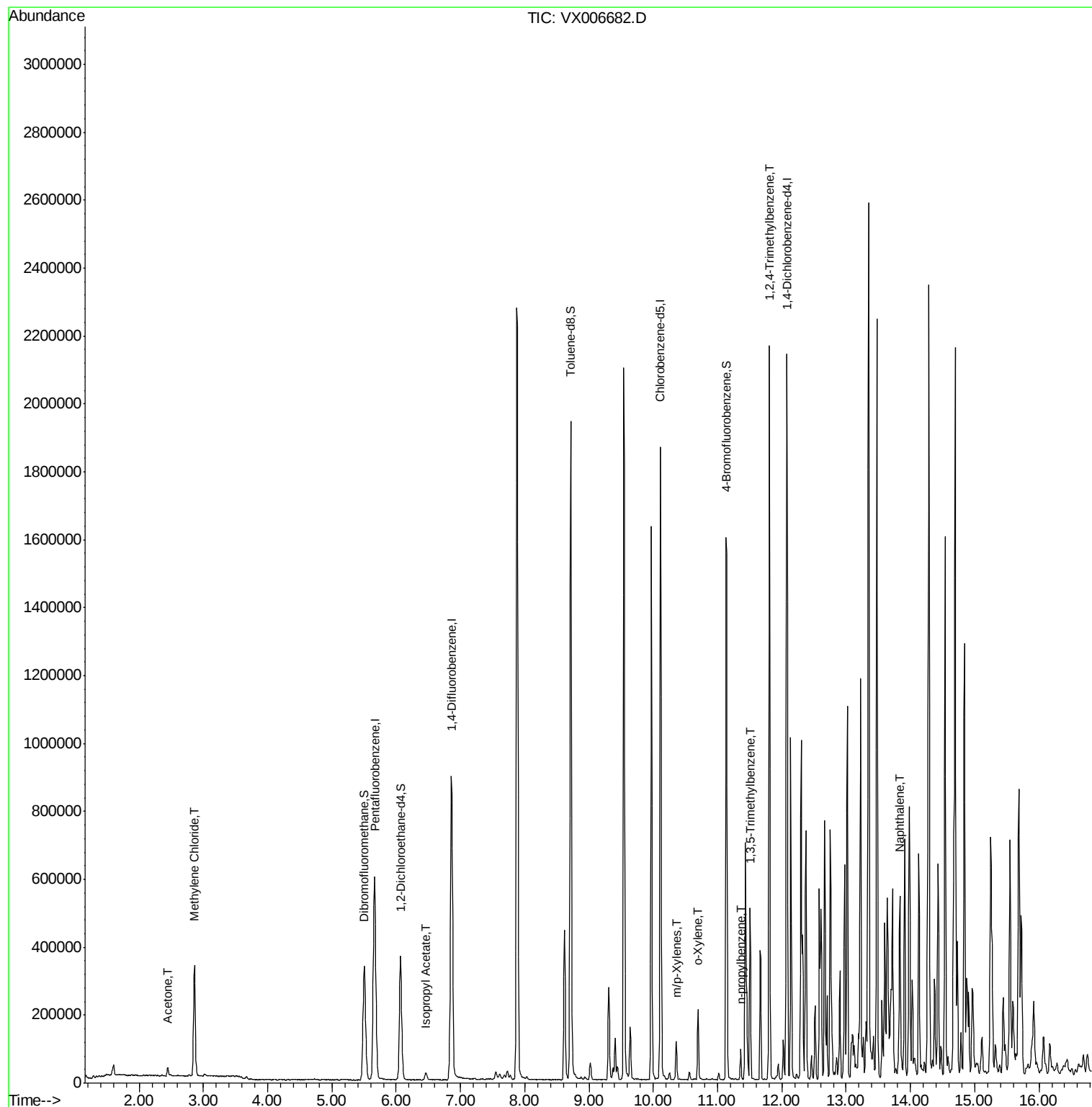
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	608361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	969844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	917277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	458922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	339157	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
35) Dibromofluoromethane	5.50	113	287478	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
50) Toluene-d8	8.71	98	1183691	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.13	95	431294	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	23139	7.681	ug/l	97
20) Methylene Chloride	2.86	84	152738	24.521	ug/l	98
43) Isopropyl Acetate	6.46	43	24898	1.957	ug/l #	93
68) m/p-Xylenes	10.36	106	27984	2.236	ug/l	98
69) o-Xylene	10.70	106	26512	2.146	ug/l	99
78) n-propylbenzene	11.36	91	53437	1.546	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	211112	8.164	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	954042	35.075	ug/l	100
95) Naphthalene	13.83	128	328429	9.748	ug/l	98

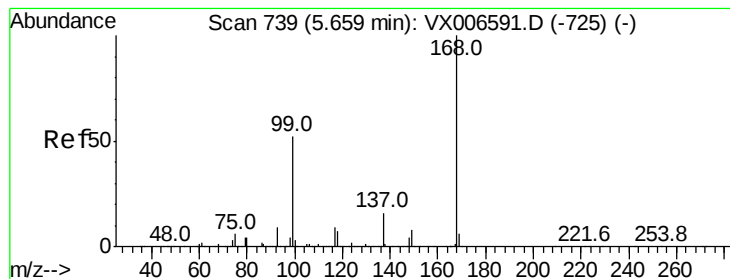
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

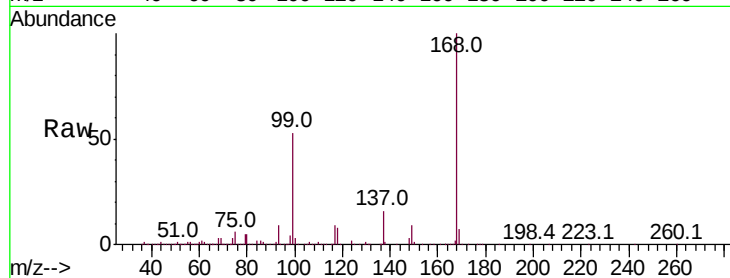
DRUM-1

Tot Ion:168 Resp: 608361

Ion Ratio Lower Upper

168 100

99 52.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006682.D (-163) (-)

Ion 98.90 (98.60 to 99.60): VX006682.D (-99) (-)

5.67

250000

200000

150000

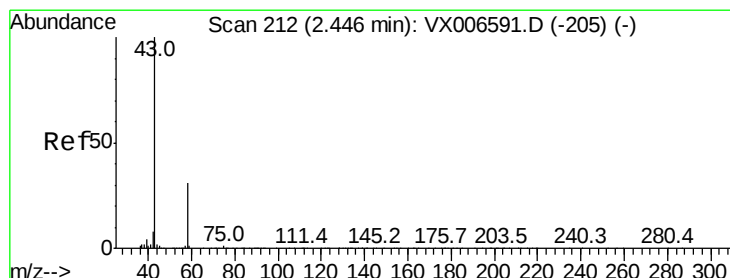
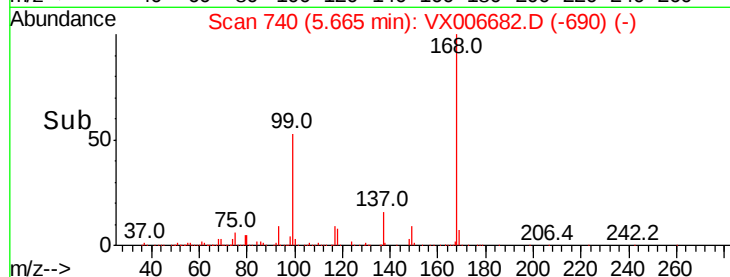
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.681 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006682.D

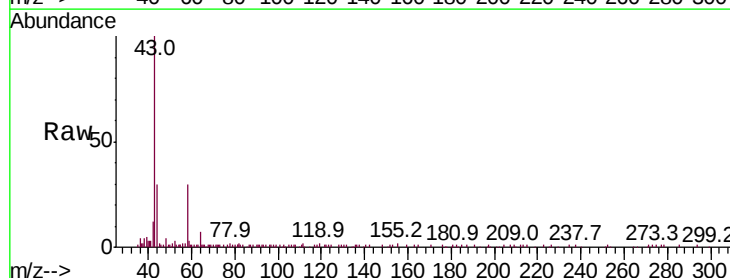
Acq: 20 Dec 2018 18:01

Tgt Ion: 43 Resp: 23139

Ion Ratio Lower Upper

43 100

58 29.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX006682.D (-43) (-)

Ion 58.00 (57.70 to 58.70): VX006682.D (-58) (-)

2.45

15000

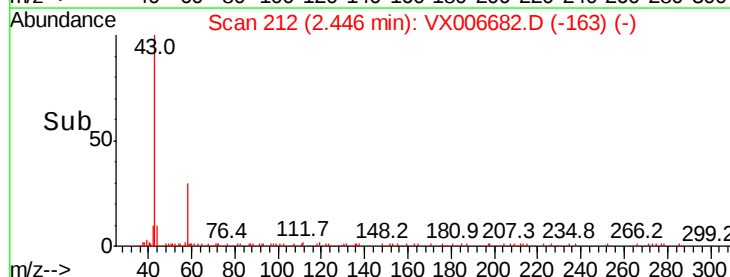
10000

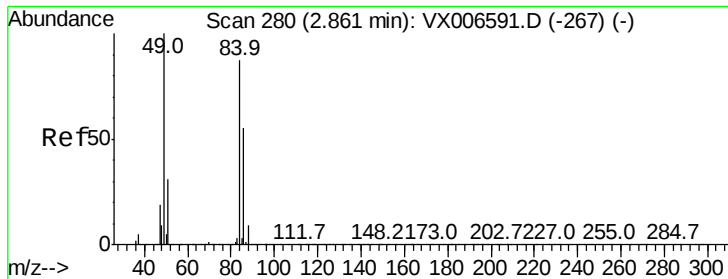
5000

0

Time-->

2.40 2.45 2.50

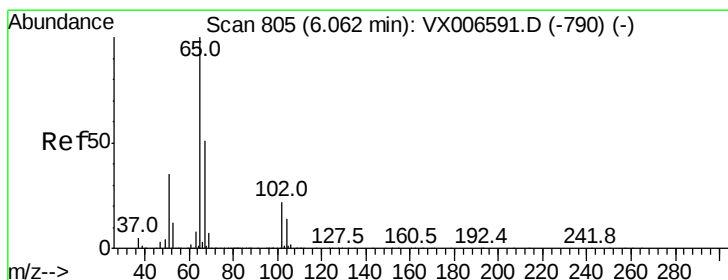
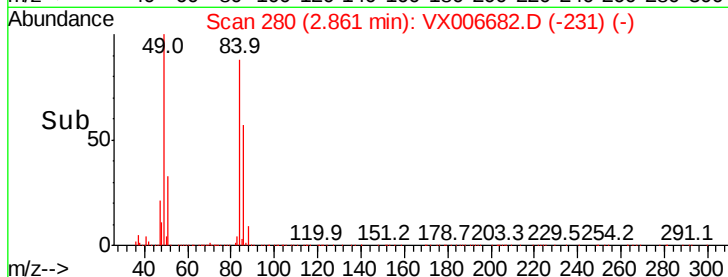
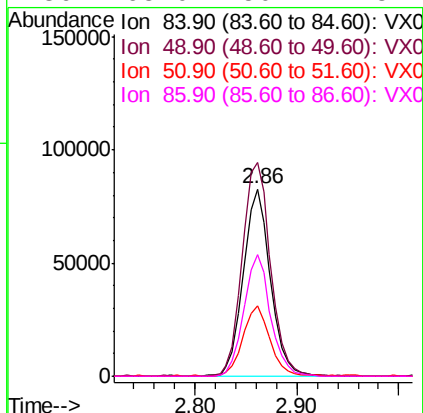
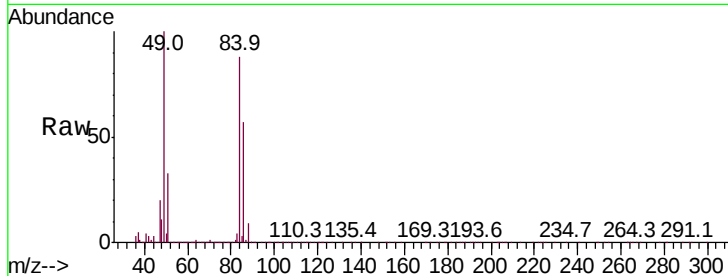




#20
Methylene Chloride
Concen: 24.521 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006682.D
Acq: 20 Dec 2018 18:01

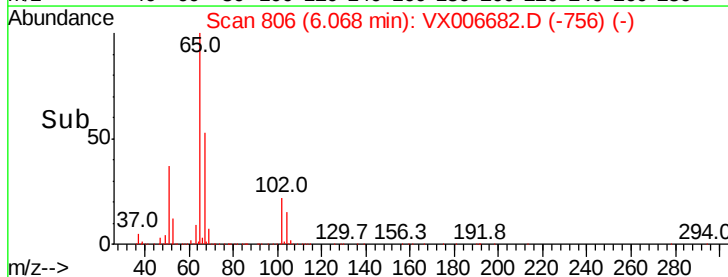
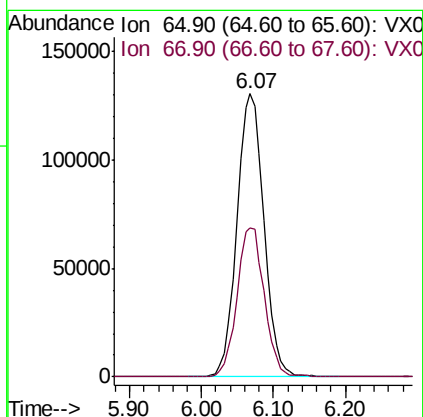
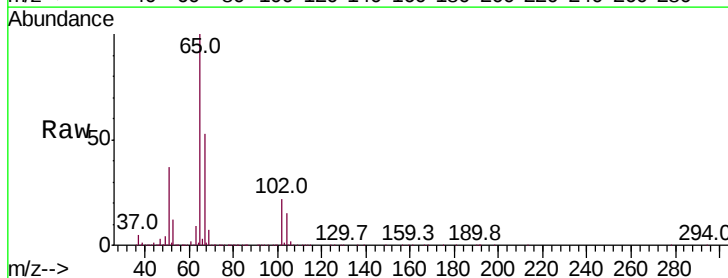
Instrument :
MSVOA_X
ClientSampled :
DRUM-1

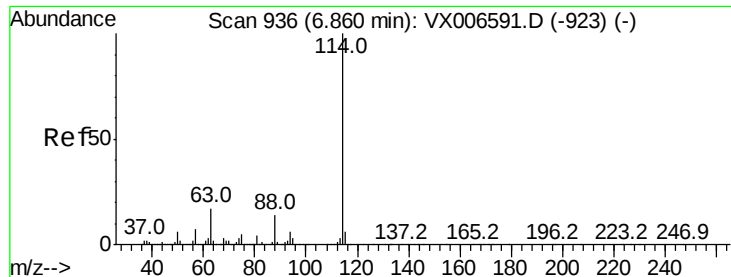
Tot Ion:	84	Resp:	152738
Ion	Ratio	Lower	Upper
84	100		
49	113.7	91.8	137.6
51	37.3	28.5	42.7
86	65.0	50.2	75.2



#33
1,2-Dichloroethane-d4
Concen: 51.727 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006682.D
Acq: 20 Dec 2018 18:01

Tgt Ion:	65	Resp:	339157
Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

ClientSampled :

DRUM-1

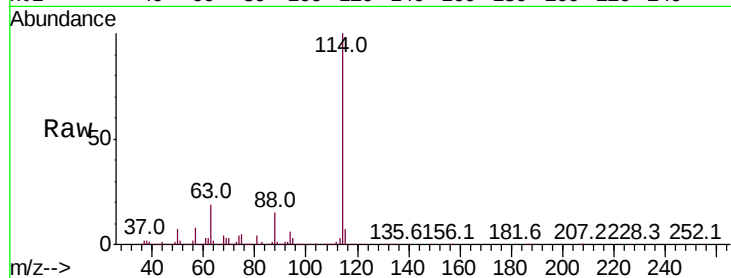
Tot Ion:114 Resp: 969844

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

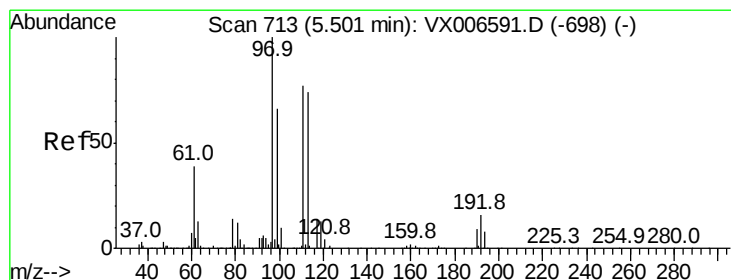
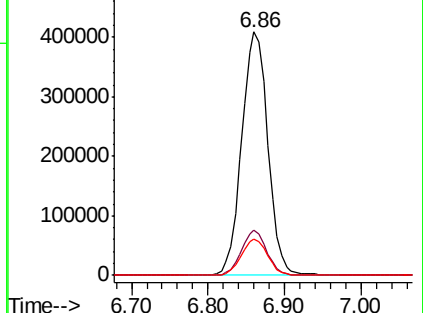
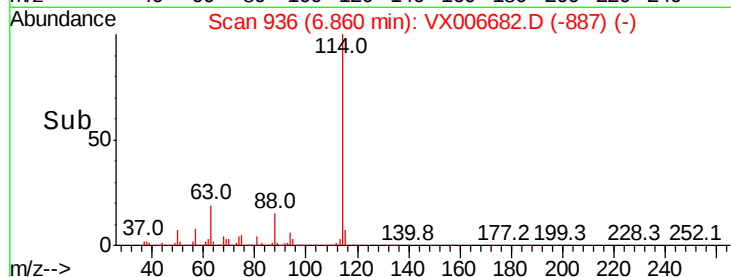
88 14.8 0.0 28.8



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: 46.873 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

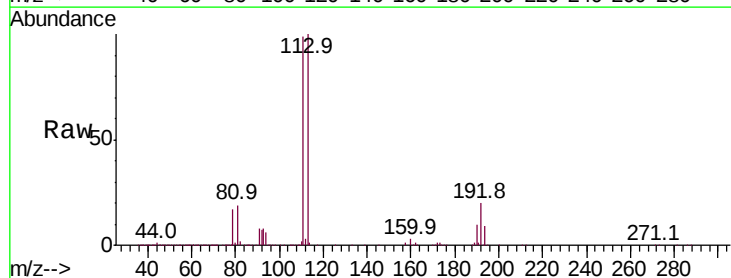
Tgt Ion:113 Resp: 287478

Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

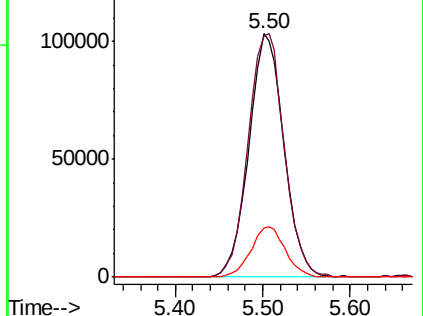
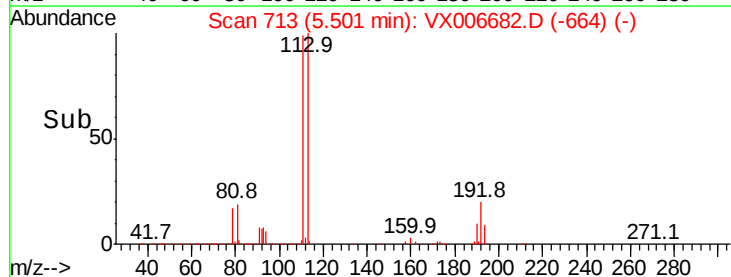
192 20.5 16.7 25.1

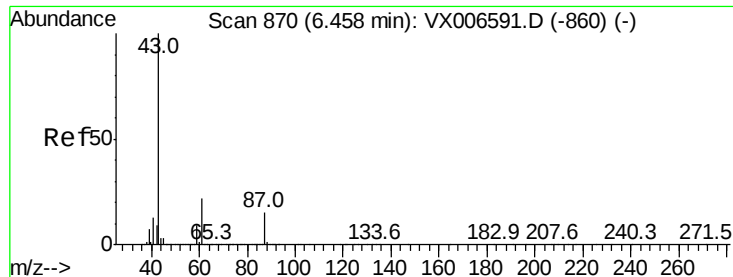


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.957 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

ClientSampled :

DRUM-1

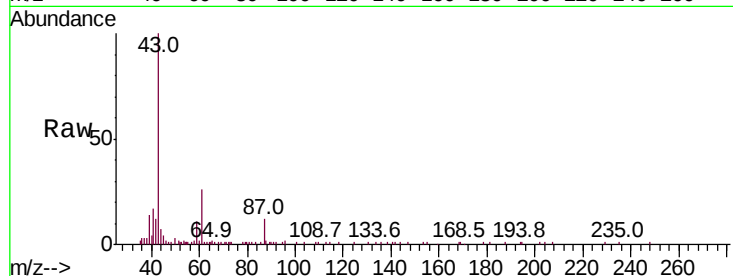
Tot Ion: 43 Resp: 24898

Ion Ratio Lower Upper

43 100

61 25.4 16.8 25.2#

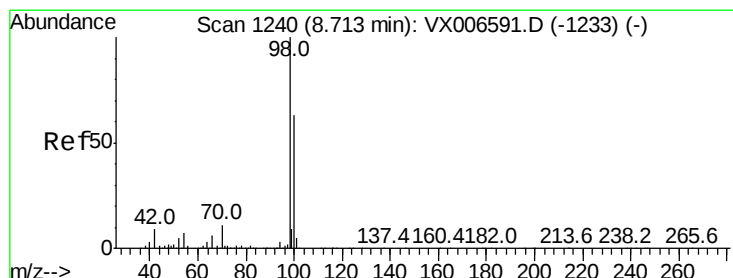
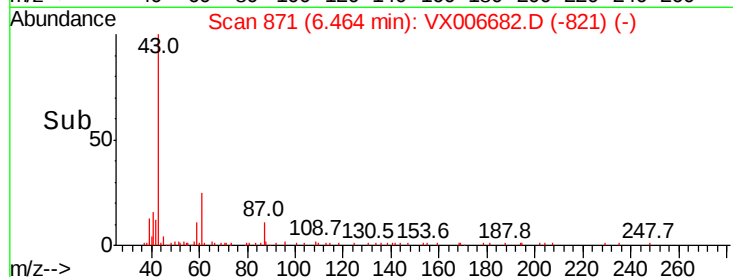
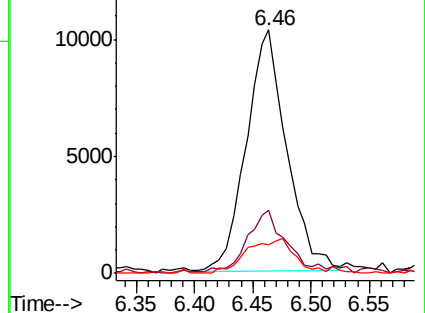
87 17.0 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.193 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006682.D

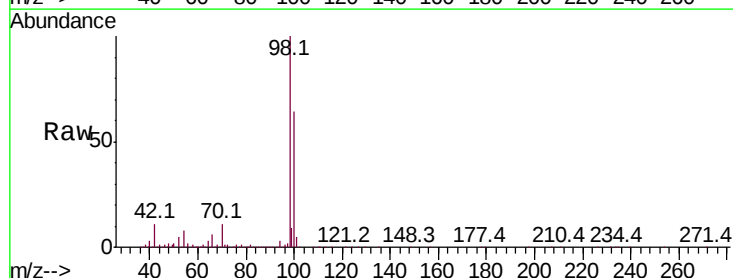
Acq: 20 Dec 2018 18:01

Tgt Ion: 98 Resp: 1183691

Ion Ratio Lower Upper

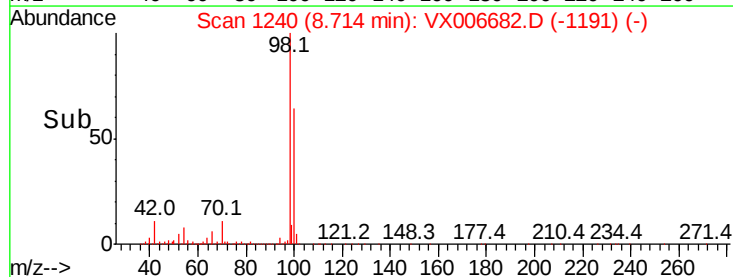
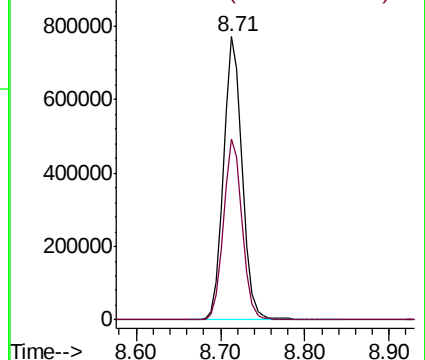
98 100

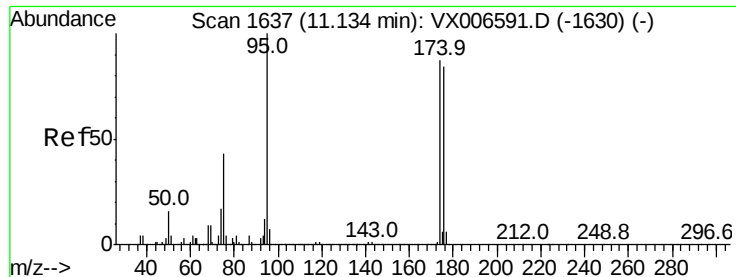
100 63.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.931 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1

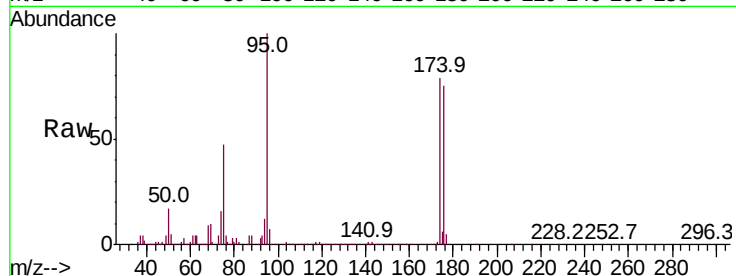
Tot Ion: 95 Resp: 431294

Ion Ratio Lower Upper

95 100

174 86.3 0.0 182.2

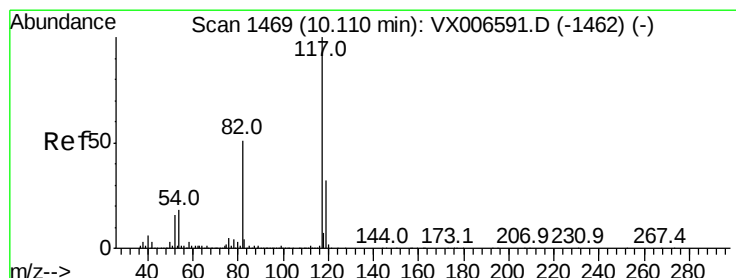
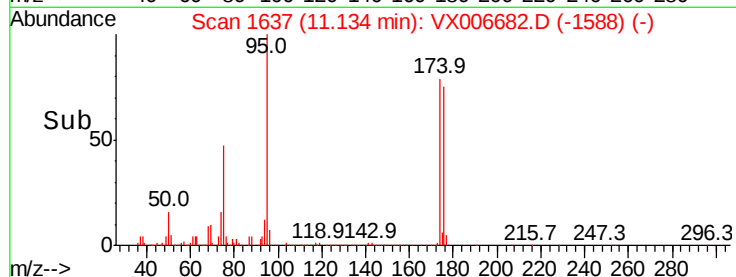
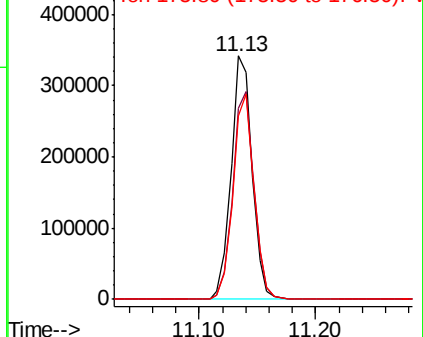
176 84.1 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006682.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006682.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006682.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

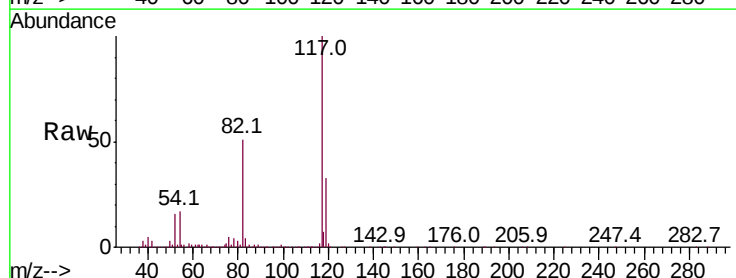
Tgt Ion: 117 Resp: 917277

Ion Ratio Lower Upper

117 100

82 50.7 41.0 61.6

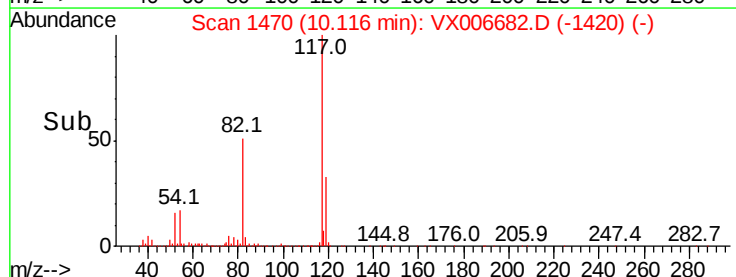
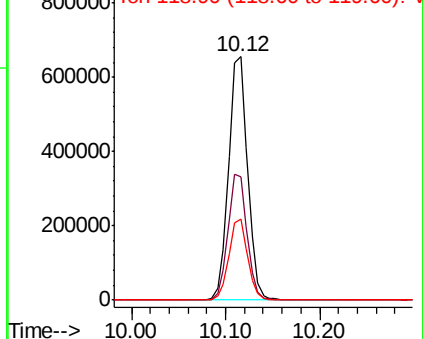
119 33.2 25.4 38.0

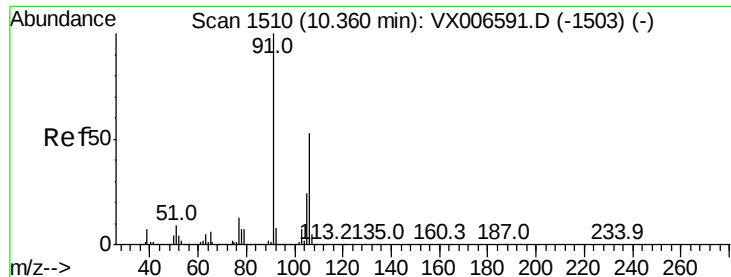


Abundance Ion 116.90 (116.60 to 117.60): VX006682.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX006682.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX006682.D (-1420) (-)

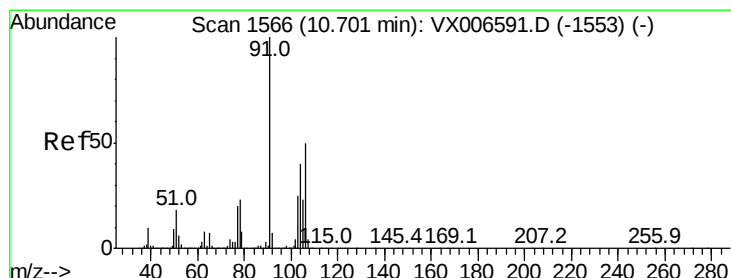
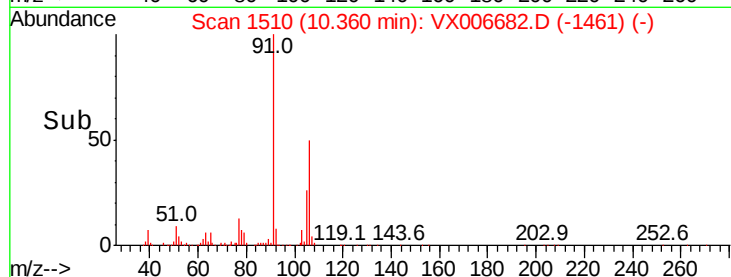
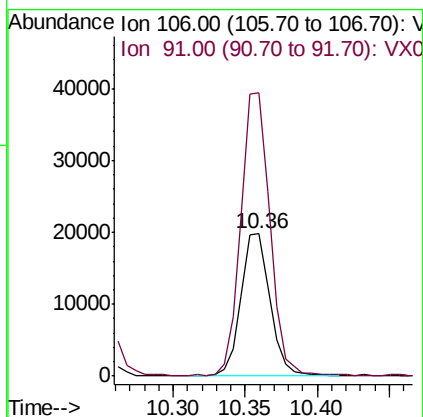
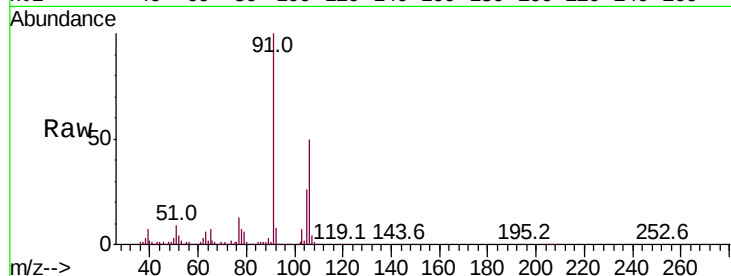




#68
m/p-Xylenes
Concen: 2.236 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006682.D
Acq: 20 Dec 2018 18:01

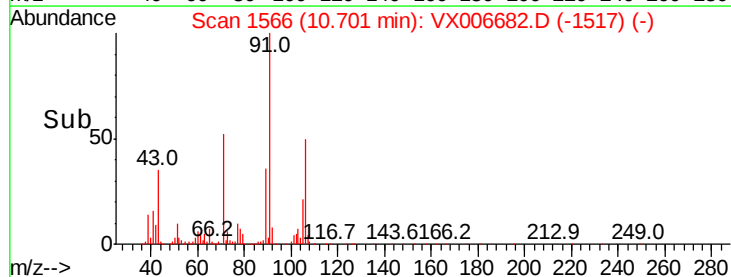
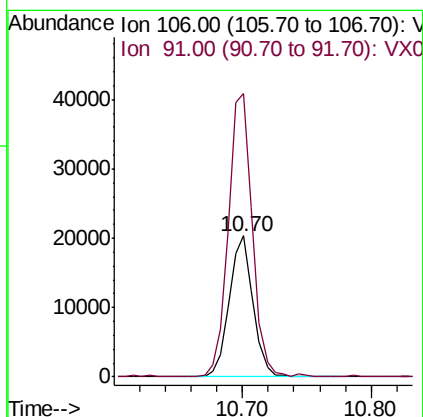
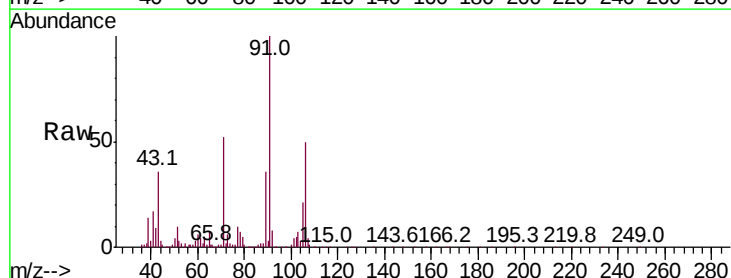
Instrument :
MSVOA_X
ClientSampleId :
DRUM-1

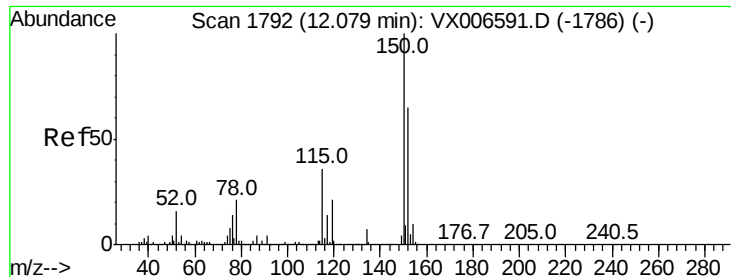
Tot Ion:106 Resp: 27984
Ion Ratio Lower Upper
106 100
91 197.8 155.8 233.6



#69
o-Xylene
Concen: 2.146 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006682.D
Acq: 20 Dec 2018 18:01

Tgt Ion:106 Resp: 26512
Ion Ratio Lower Upper
106 100
91 201.5 101.3 303.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1

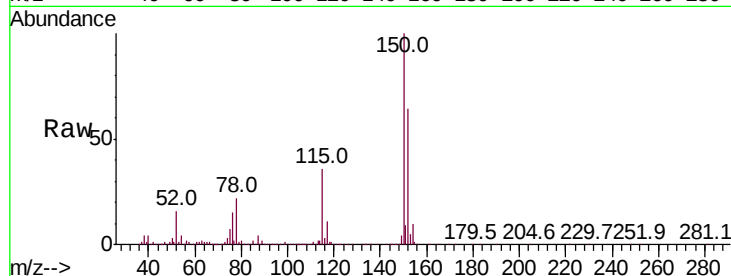
Tot Ion:152 Resp: 458922

Ion Ratio Lower Upper

152 100

115 56.0 39.1 117.2

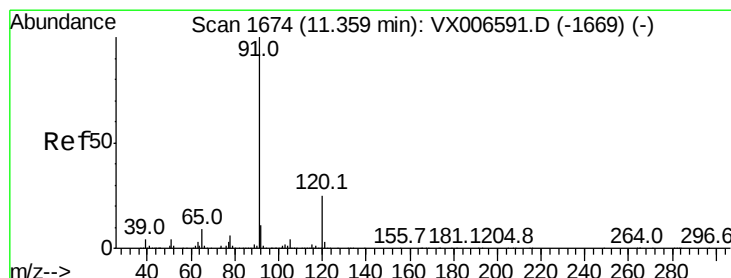
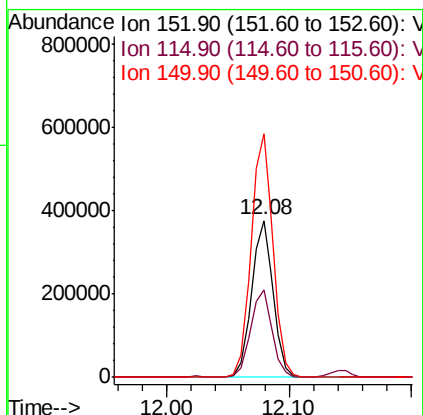
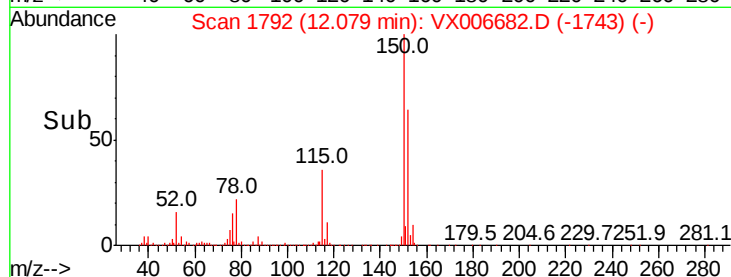
150 158.3 0.0 344.8



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



#78

n-propylbenzene

Concen: 1.546 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006682.D

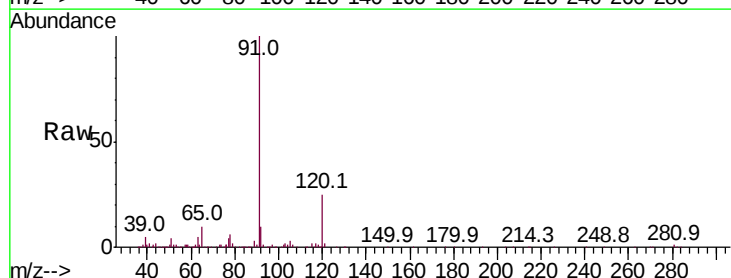
Acq: 20 Dec 2018 18:01

Tgt Ion: 91 Resp: 53437

Ion Ratio Lower Upper

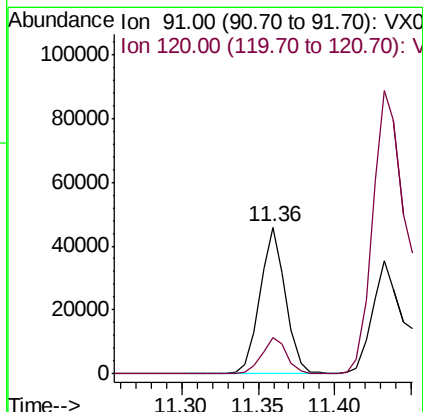
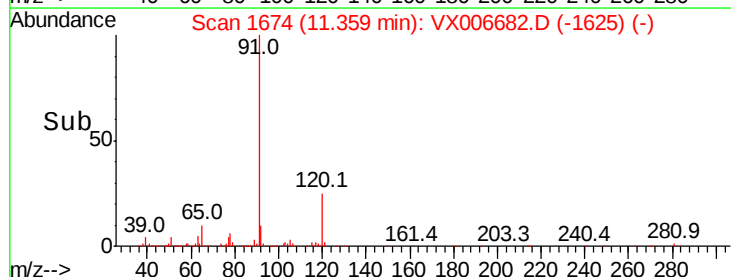
91 100

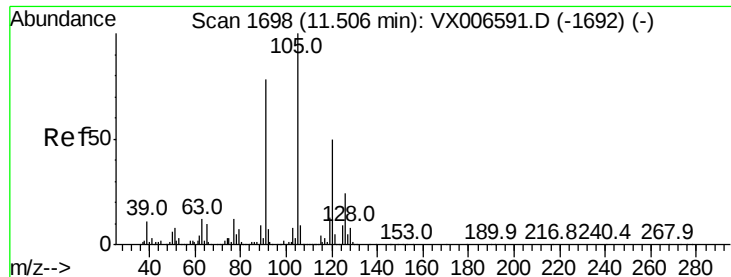
120 24.6 12.7 38.0



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: 8.164 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

ClientSampled :

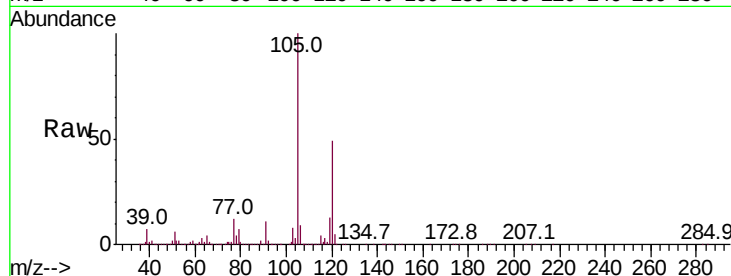
DRUM-1

Tot Ion:105 Resp: 211112

Ion Ratio Lower Upper

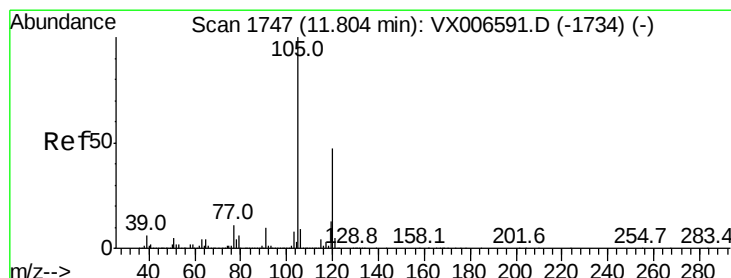
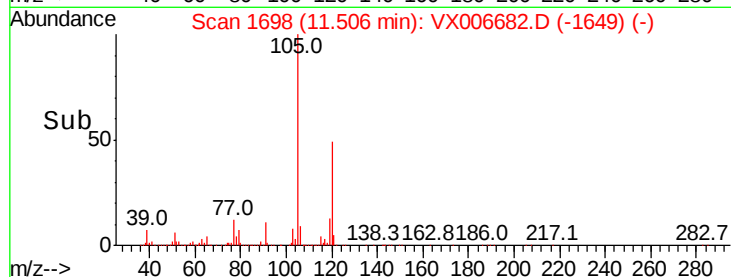
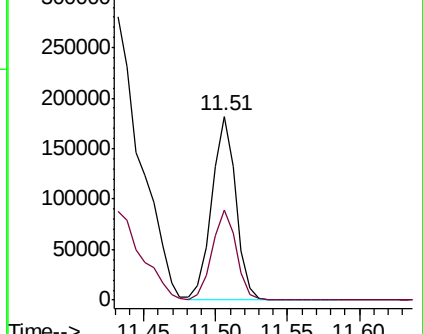
105 100

120 49.5 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 35.075 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006682.D

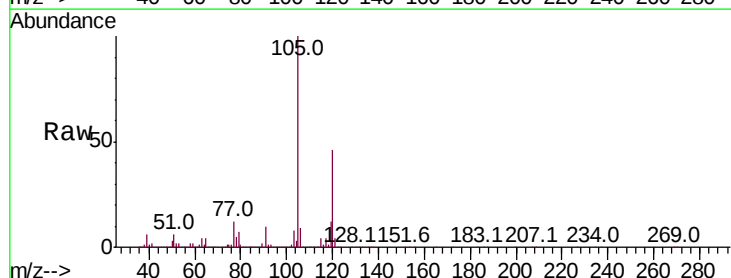
Acq: 20 Dec 2018 18:01

Tgt Ion:105 Resp: 954042

Ion Ratio Lower Upper

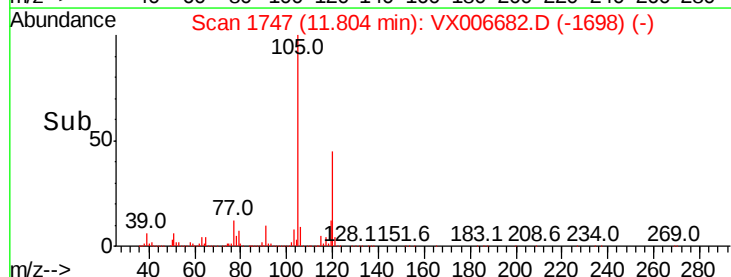
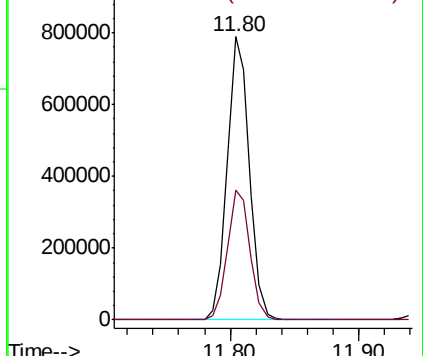
105 100

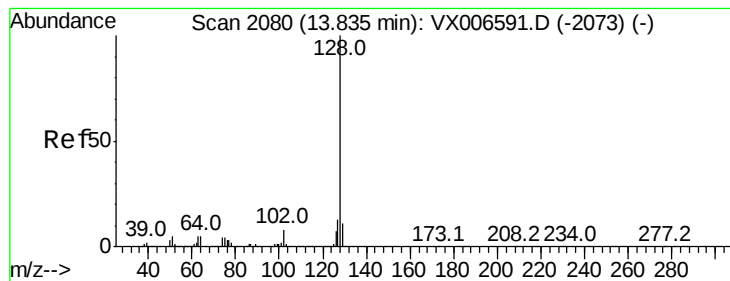
120 46.6 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 9.748 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006682.D

Acq: 20 Dec 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1

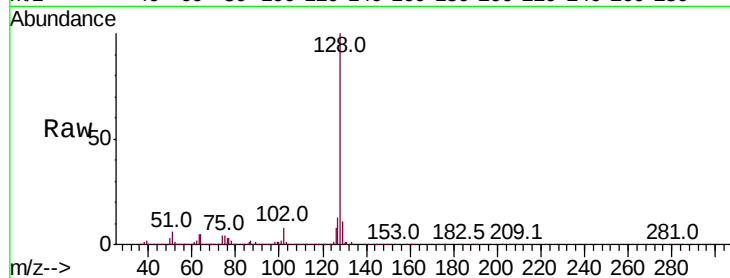
Tot Ion:128 Resp: 328429

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 12.2 8.6 13.0



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

