

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX060418\
 Data File : VX002278.D
 Acq On : 05 Jun 2018 00:06
 Operator : JC/MD
 Sample : J3234-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-FB-2018-1

Quant Time: Jun 05 08:31:40 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

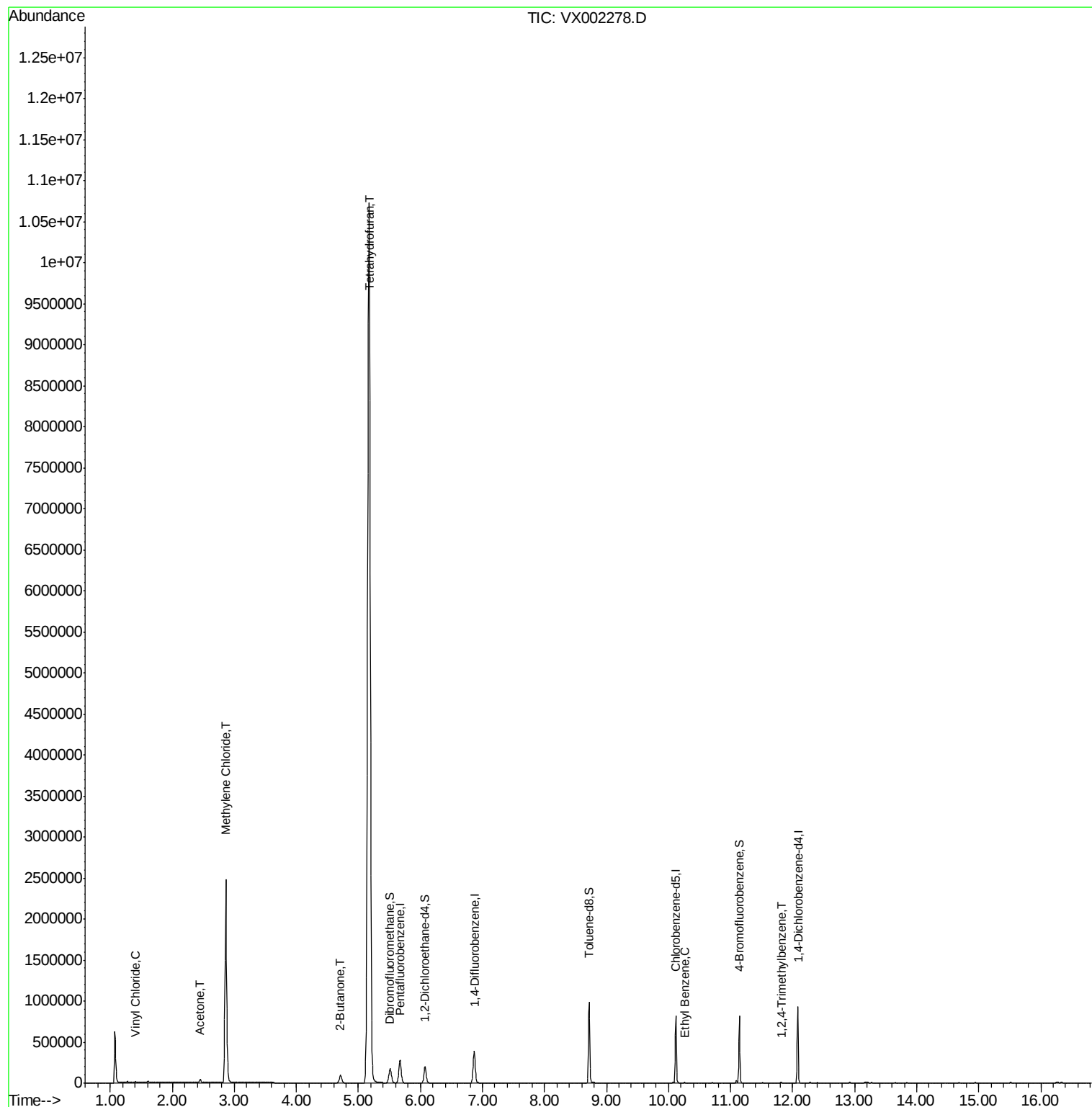
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	353439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	191270	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	186431	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
35) Dibromofluoromethane	5.51	113	137613	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.74%	
50) Toluene-d8	8.72	98	550193	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
62) 4-Bromofluorobenzene	11.14	95	191162	42.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.34%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	6088	1.712	ug/l	100
16) Acetone	2.45	43	44685	8.238	ug/l	97
20) Methylene Chloride	2.86	84	1116441	382.244	ug/l	99
25) 2-Butanone	4.71	43	171971	64.637	ug/l	98
29) Tetrahydrofuran	5.17	42	9866901	5752.030	ug/l	99
67) Ethyl Benzene	10.26	91	4727	0.321	ug/l	92
84) 1,2,4-Trimethylbenzene	11.82	105	3368	0.287	ug/l #	55

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

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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002278.D

Acq: 05 Jun 2018 00:06

Instrument :

MSVOA_X

ClientSampleId :

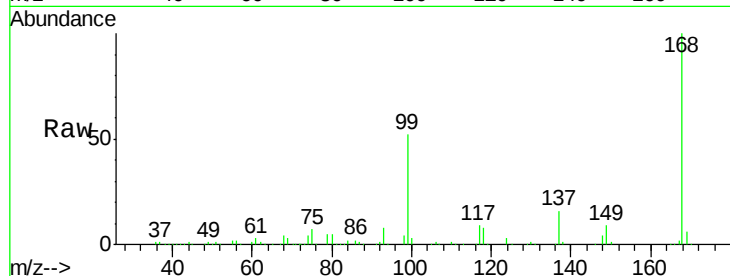
LF6-FB-2018-1

Tot Ion:168 Resp: 271350

Ion Ratio Lower Upper

168 100

99 51.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

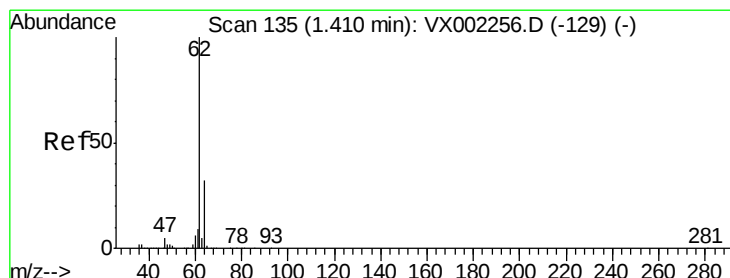
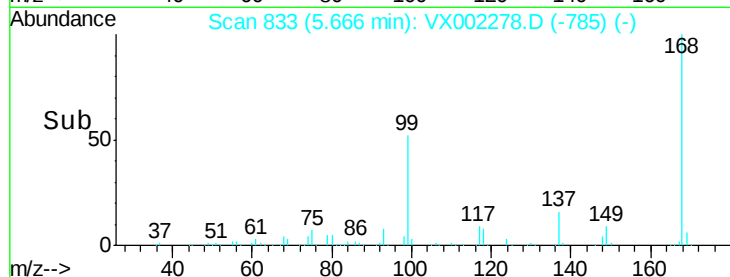
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.712 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002278.D

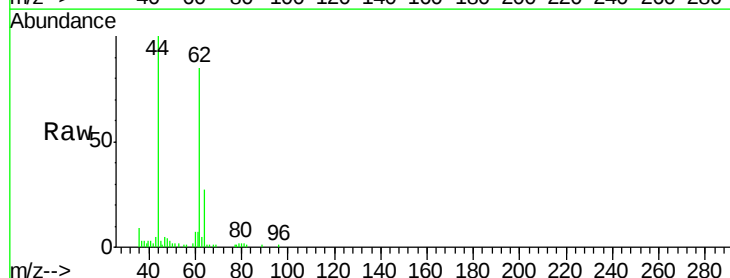
Acq: 05 Jun 2018 00:06

Tgt Ion: 62 Resp: 6088

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

6000

5000

4000

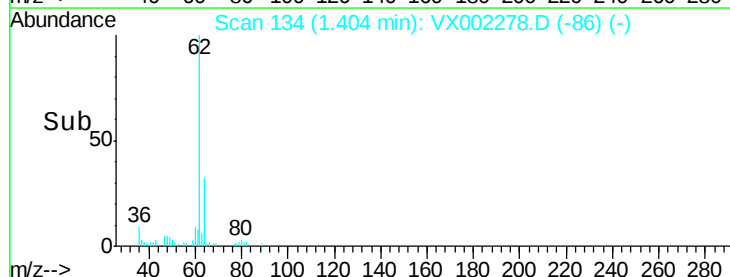
3000

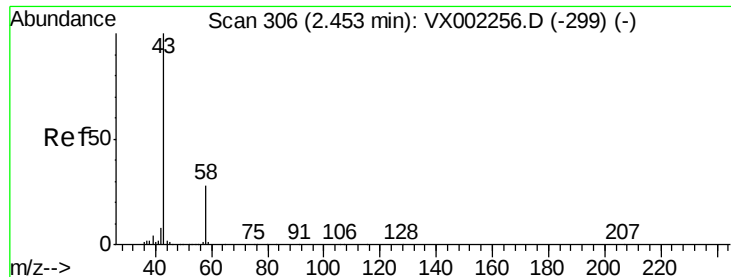
2000

1000

0

Time--> 1.35 1.40 1.45





#16

Acetone

Concen: 8.238 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002278.D

Acq: 05 Jun 2018 00:06

Instrument :

MSVOA_X

ClientSampleId :

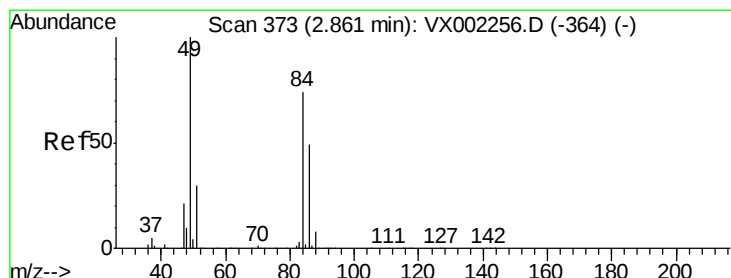
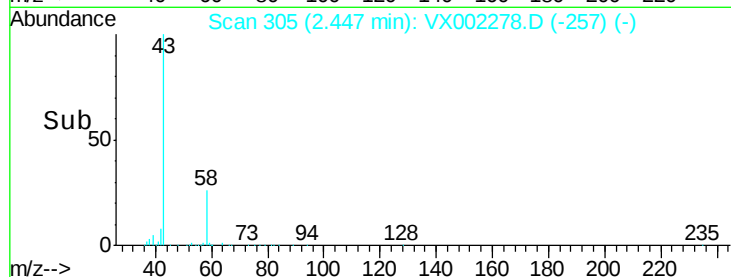
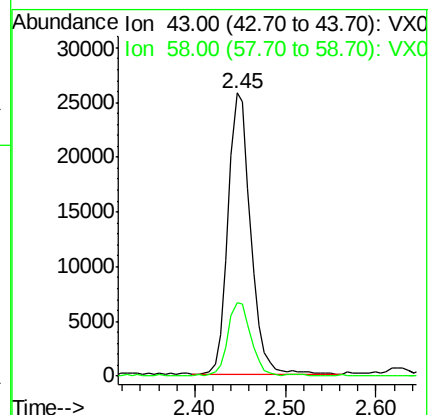
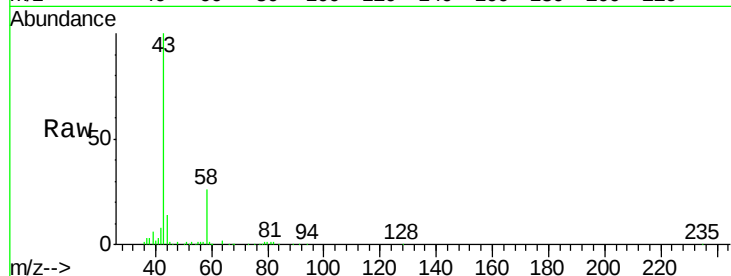
LF6-FB-2018-1

Tot Ion: 43 Resp: 44685

Ion Ratio Lower Upper

43 100

58 26.3 22.1 33.1



#20

Methylene Chloride

Concen: 382.244 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002278.D

Acq: 05 Jun 2018 00:06

Tgt Ion: 84 Resp: 1116441

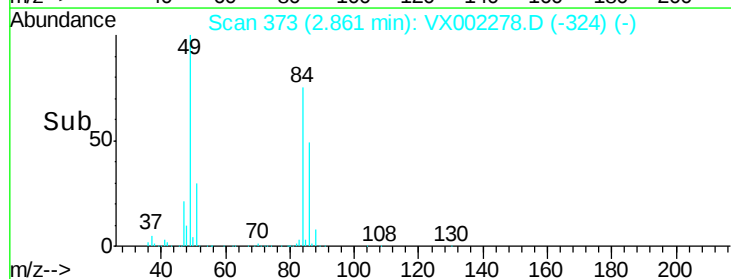
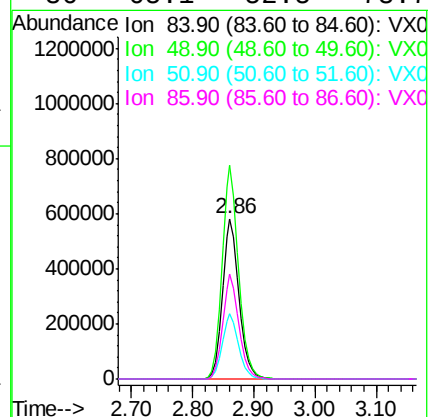
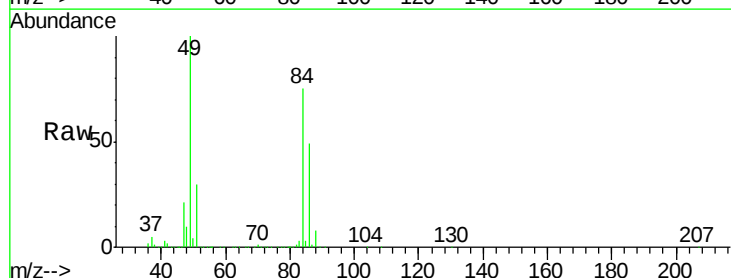
Ion Ratio Lower Upper

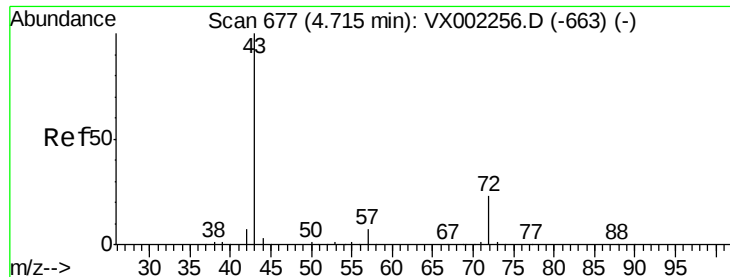
84 100

49 133.0 107.8 161.6

51 40.4 32.8 49.2

86 65.1 52.5 78.7





#25

2-Butanone

Concen: 64.637 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002278.D

Acq: 05 Jun 2018 00:06

Instrument :

MSVOA_X

ClientSampleId :

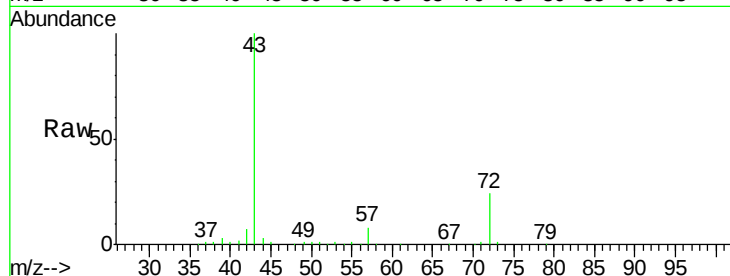
LF6-FB-2018-1

Tot Ion: 43 Resp: 171971

Ion Ratio Lower Upper

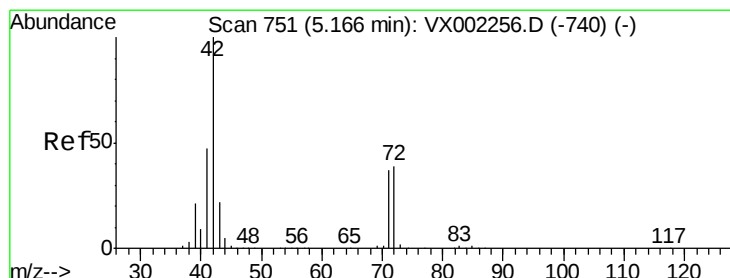
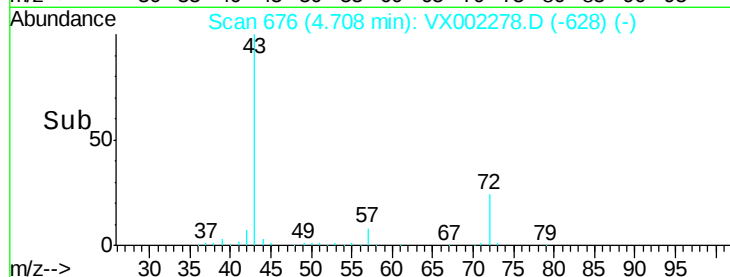
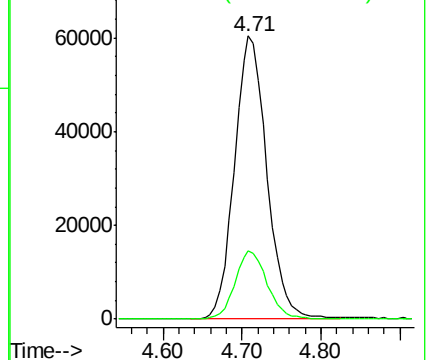
43 100

72 24.2 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 5752.030 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002278.D

Acq: 05 Jun 2018 00:06

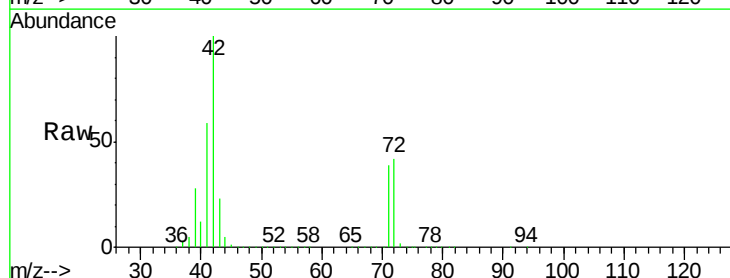
Tgt Ion: 42 Resp: 9866901

Ion Ratio Lower Upper

42 100

72 40.7 32.0 48.0

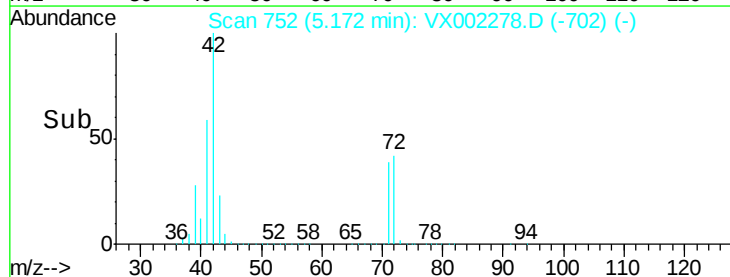
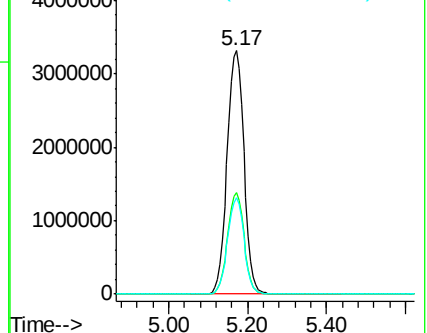
71 38.6 30.1 45.1

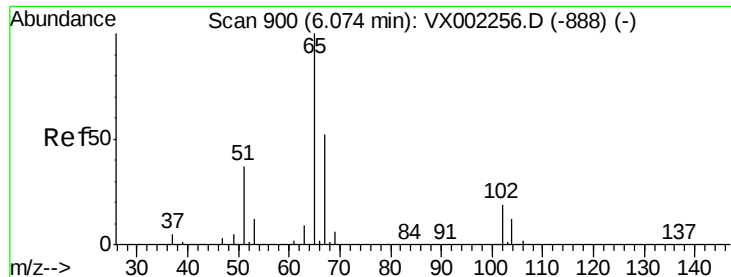


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.900 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002278.D

Acq: 05 Jun 2018 00:06

Instrument :

MSVOA_X

ClientSampleId :

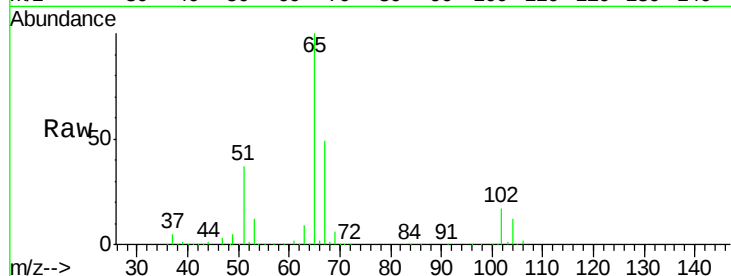
LF6-FB-2018-1

Tot Ion: 65 Resp: 186431

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

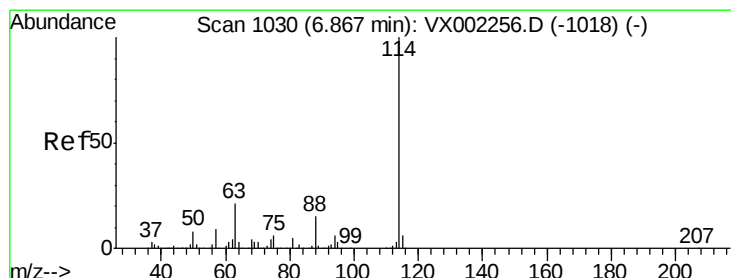
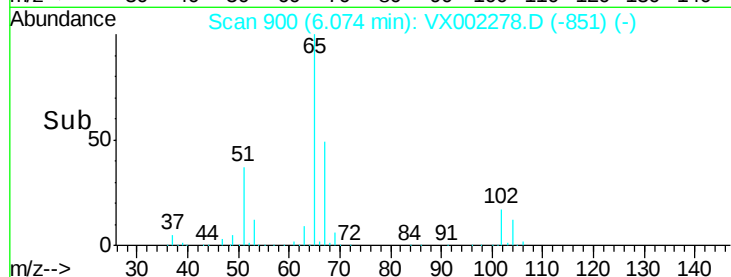
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002278.D

Acq: 05 Jun 2018 00:06

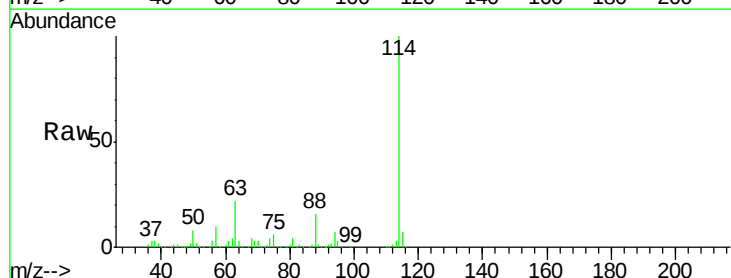
Tgt Ion: 114 Resp: 389978

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.4

88 16.0 0.0 30.0



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

6.87

200000

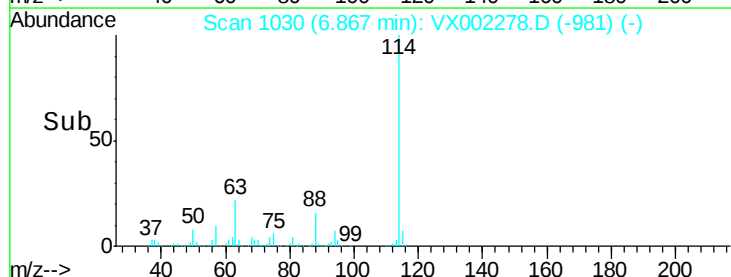
150000

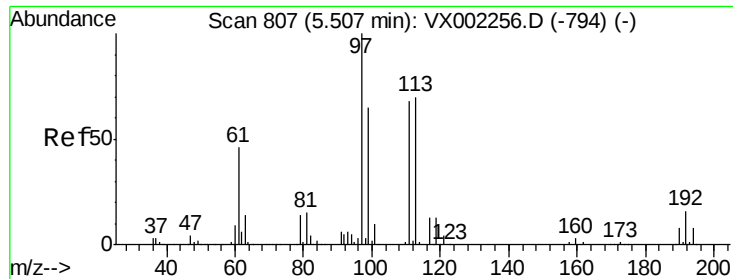
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 44.872 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002278.D

Acq: 05 Jun 2018 00:06

Instrument :

MSVOA_X

ClientSampleId :

LF6-FB-2018-1

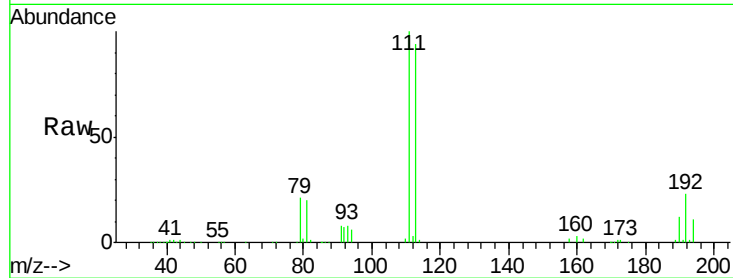
Tot Ion:113 Resp: 137613

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

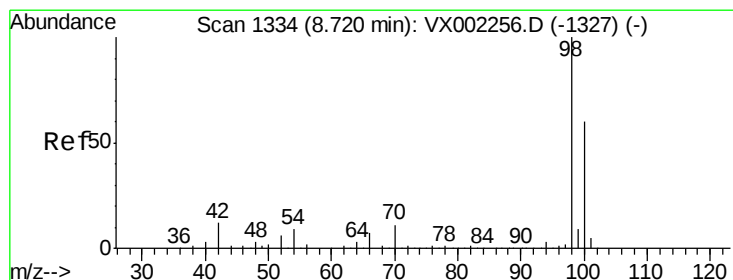
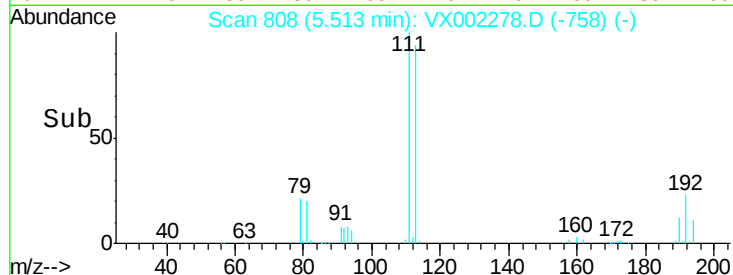
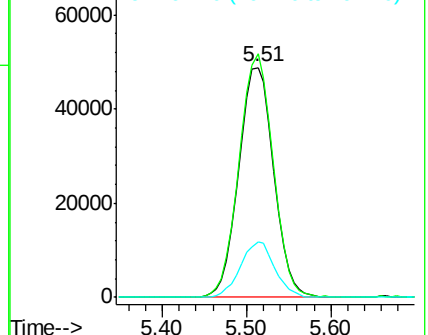
192 23.6 19.1 28.7



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: 46.805 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002278.D

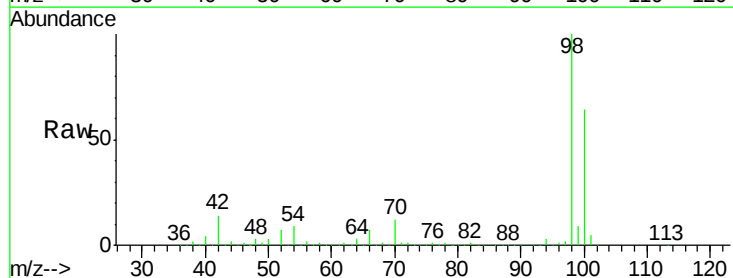
Acq: 05 Jun 2018 00:06

Tgt Ion: 98 Resp: 550193

Ion Ratio Lower Upper

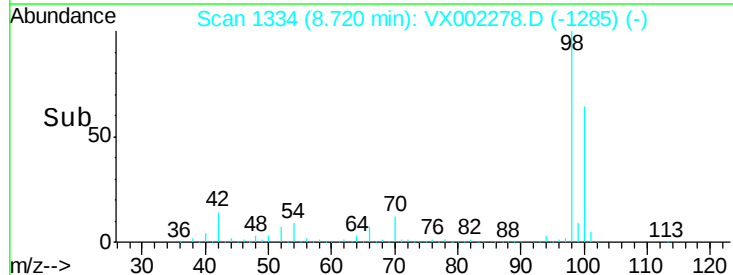
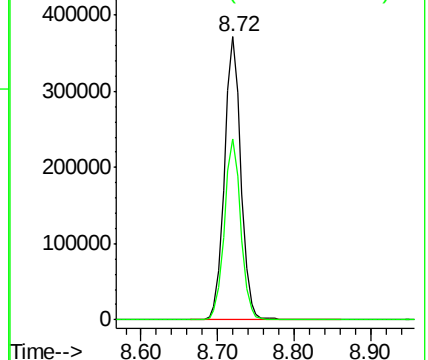
98 100

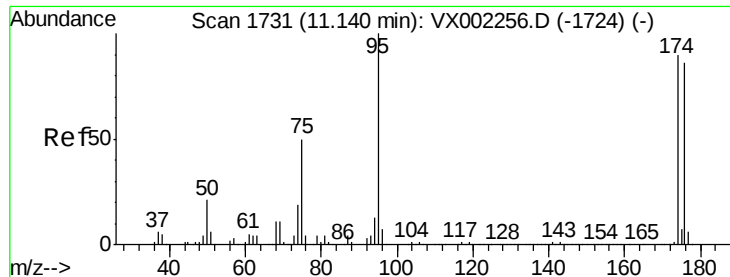
100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

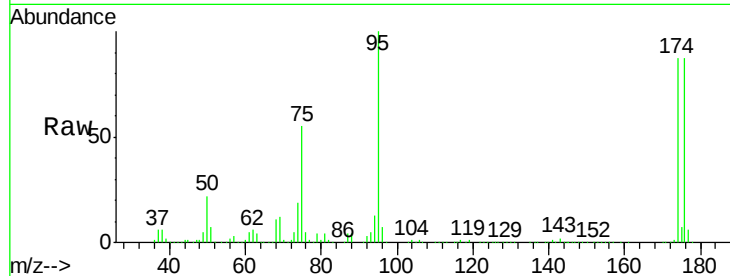




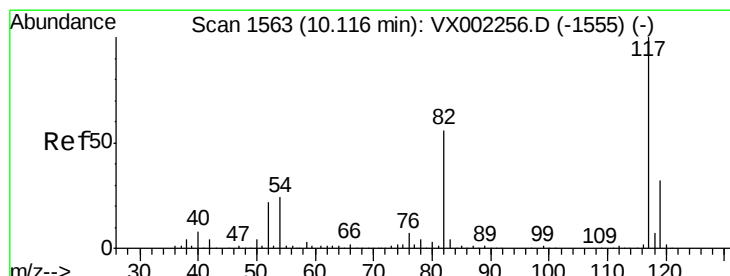
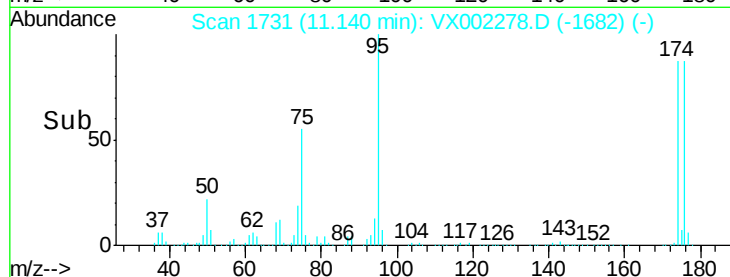
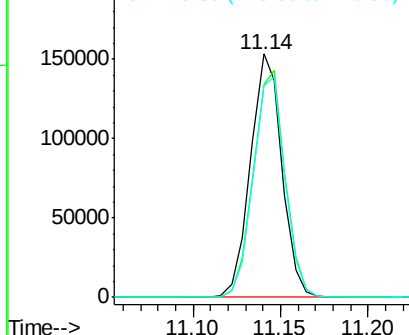
#62
4-Bromofluorobenzene
Concen: 42.172 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002278.D
Acq: 05 Jun 2018 00:06

Instrument :
MSVOA_X
ClientSampleId :
LF6-FB-2018-1

Tot Ion: 95 Resp: 191162
Ion Ratio Lower Upper
95 100
174 94.1 0.0 187.4
176 91.8 0.0 181.0

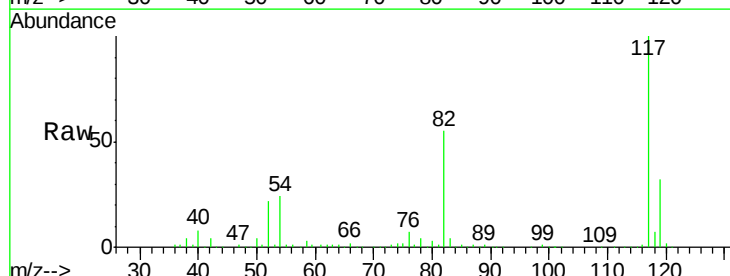


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

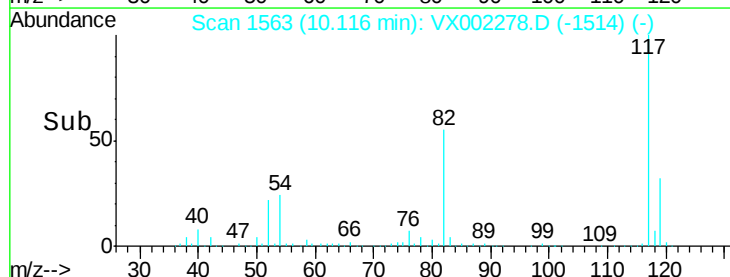
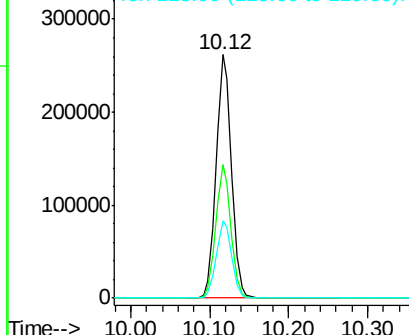


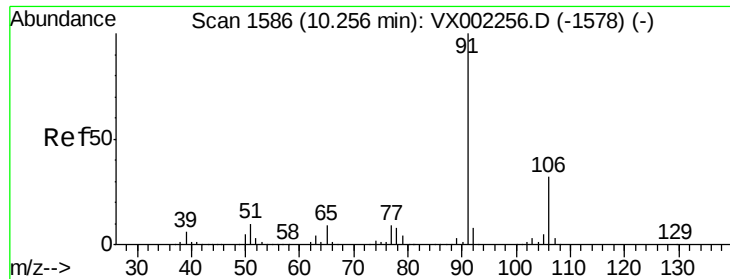
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002278.D
Acq: 05 Jun 2018 00:06

Tgt Ion: 117 Resp: 353439
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 31.9 25.8 38.6



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: 0.321 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002278.D

Acq: 05 Jun 2018 00:06

Instrument :

MSVOA_X

ClientSampled :

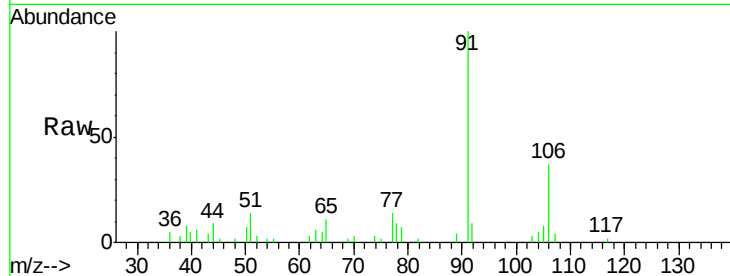
LF6-FB-2018-1

Tot Ion: 91 Resp: 4727

Ion Ratio Lower Upper

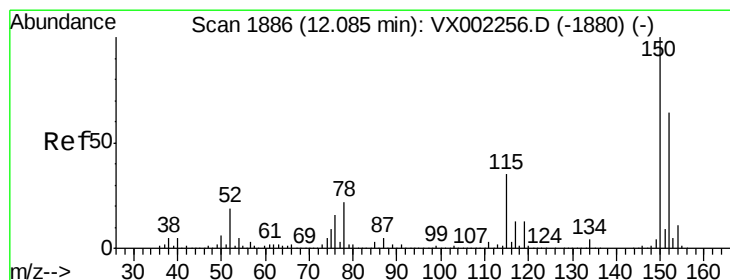
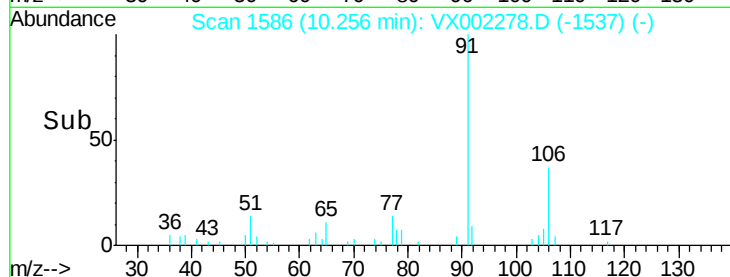
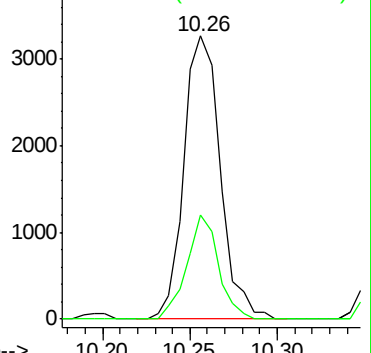
91 100

106 36.6 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1578) (-)

Ion 106.00 (105.70 to 106.70): VX002256.D (-1578) (-)



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002278.D

Acq: 05 Jun 2018 00:06

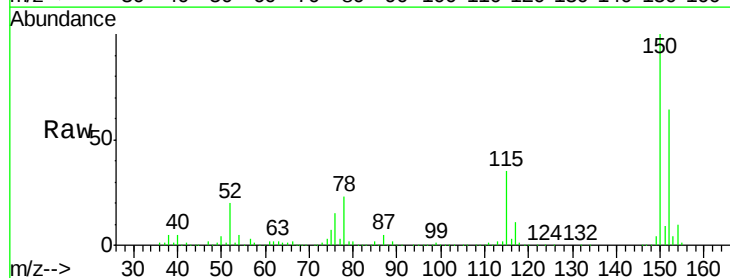
Tgt Ion: 152 Resp: 191270

Ion Ratio Lower Upper

152 100

115 55.1 40.1 120.2

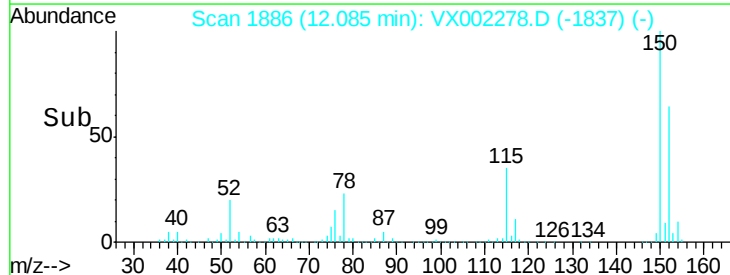
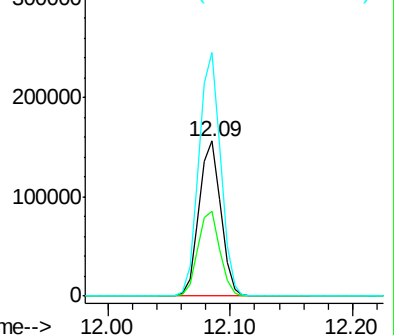
150 157.0 0.0 347.2

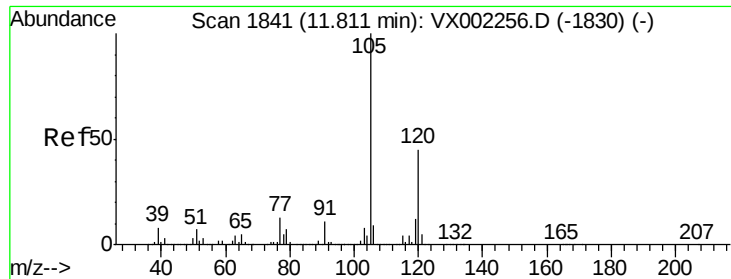


Abundance Ion 151.90 (151.60 to 152.60): VX002256.D (-1880) (-)

Ion 114.90 (114.60 to 115.60): VX002256.D (-1880) (-)

Ion 149.90 (149.60 to 150.60): VX002256.D (-1880) (-)





#84
 1,2,4-Trimethylbenzene
 Concen: 0.287 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX002278.D
 Acq: 05 Jun 2018 00:06

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-FB-2018-1

Tot Ion:105 Resp: 3368
 Ion Ratio Lower Upper
 105 100
 120 15.3 22.3 66.8#

