

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071618\
 Data File : VX003401.D
 Acq On : 16 Jul 2018 20:32
 Operator : JC/MD
 Sample : PB111123TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB111123TB

Quant Time: Jul 17 02:19:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	339590	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168140	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	151427	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
35) Dibromofluoromethane	5.51	113	129658	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
50) Toluene-d8	8.72	98	546371	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
62) 4-Bromofluorobenzene	11.14	95	165680	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	

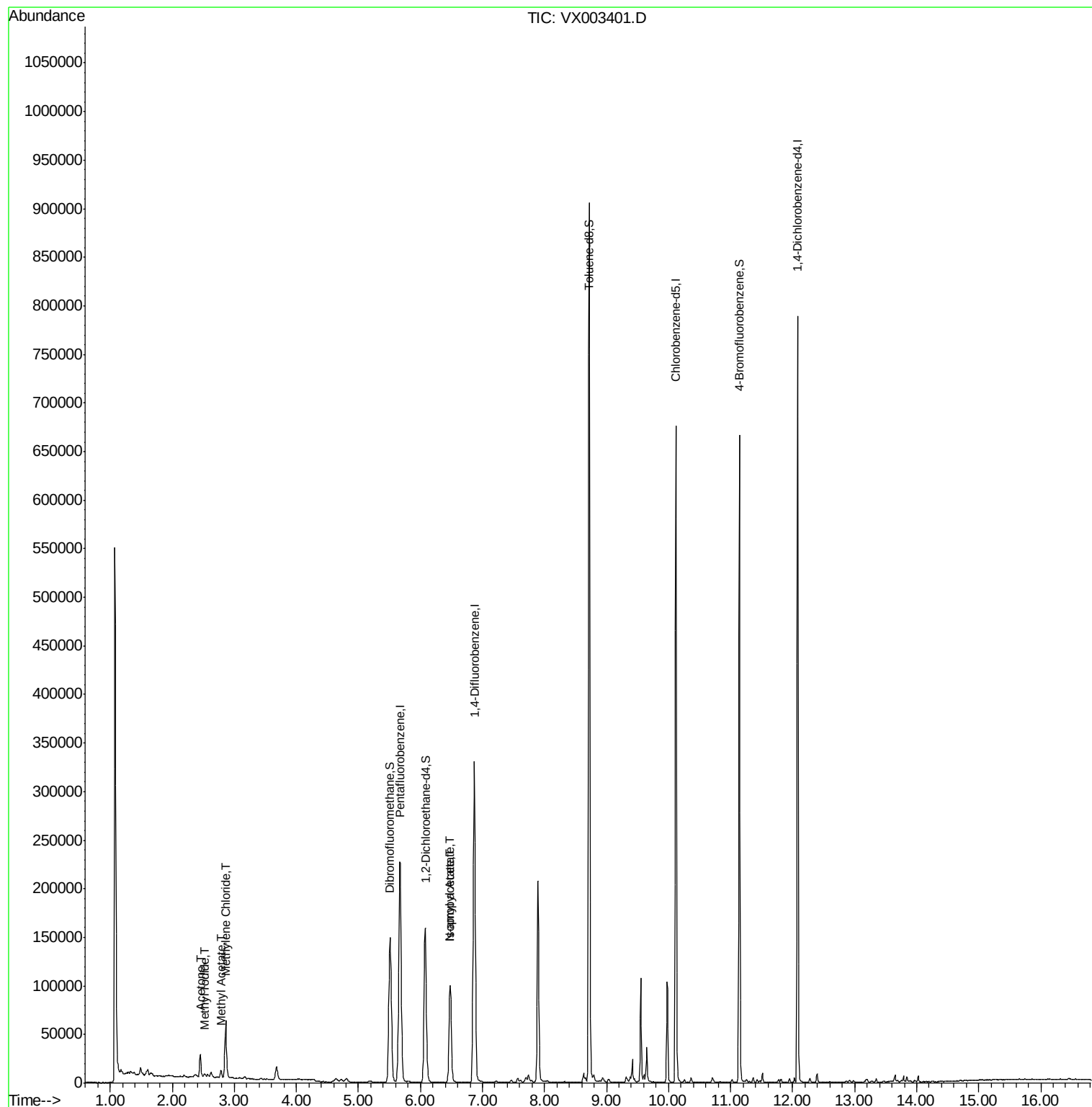
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	4255	1.52	ug/l	95
16) Acetone	2.45	43	25443	19.85	ug/l #	86
18) Methyl Acetate	2.78	43	8781	2.10	ug/l	95
20) Methylene Chloride	2.86	84	28582	9.91	ug/l	91
43) Isopropyl Acetate	6.48	43	131583	22.50	ug/l #	93
74) N-amyl acetate	6.48	43	131583	25.41	ug/l #	94

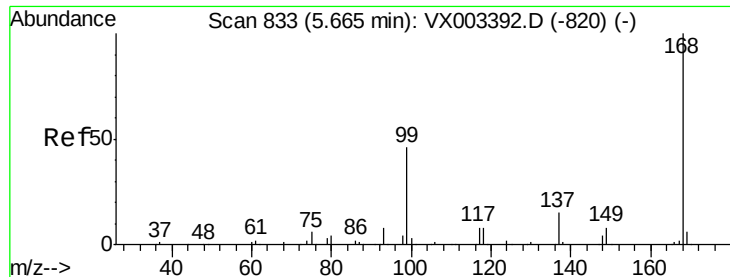
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071618\
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Misc : 5.0mL/MSVOA X/WATER
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MSVOA_X
ClientSampleId :
PB111123TB

Quant Time: Jul 17 02:19:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003401.D

Acq: 16 Jul 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

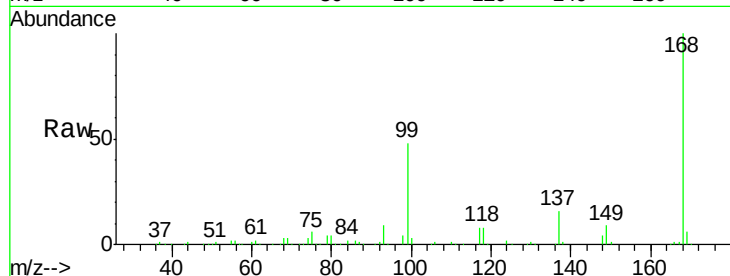
PB111123TB

Tot Ion:168 Resp: 235350

Ion Ratio Lower Upper

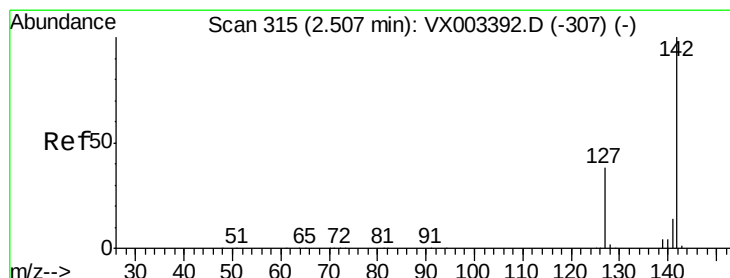
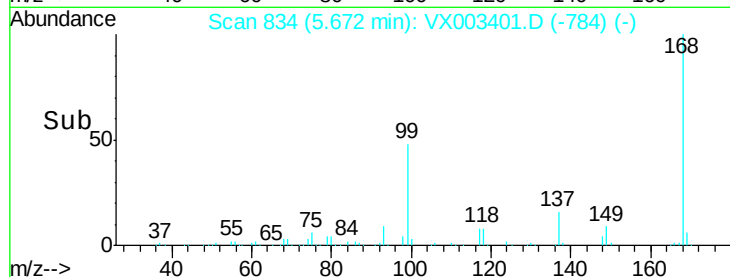
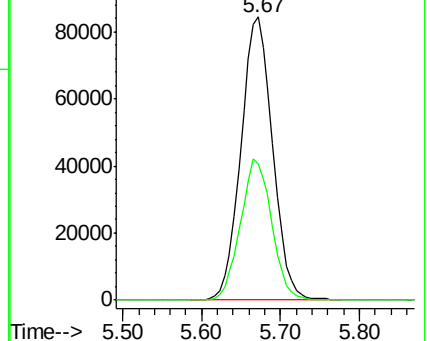
168 100

99 48.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 1.52 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003401.D

Acq: 16 Jul 2018 20:32

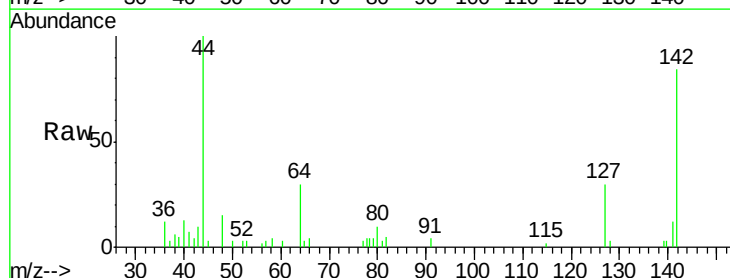
Tgt Ion:142 Resp: 4255

Ion Ratio Lower Upper

142 100

127 42.5 36.6 55.0

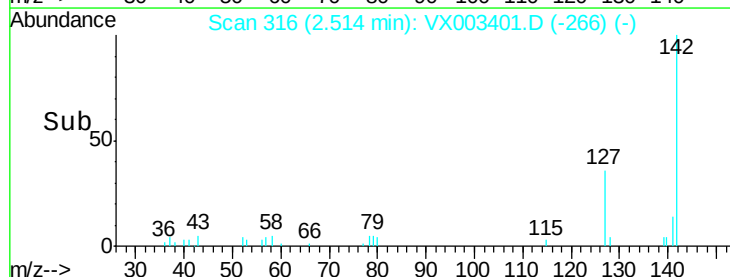
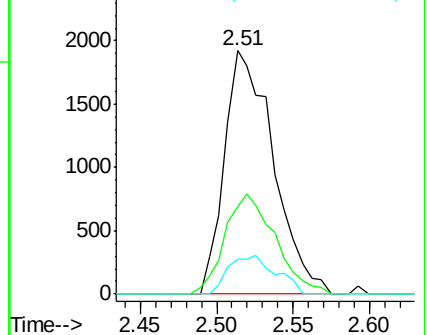
141 15.3 11.3 16.9

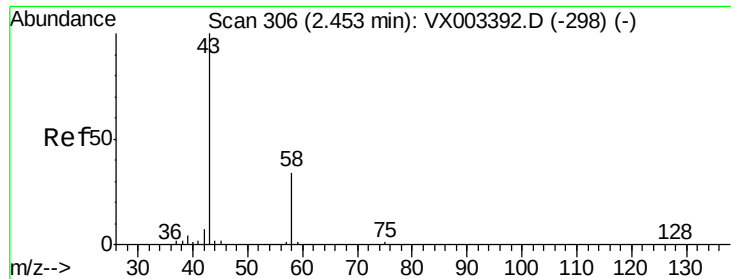


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 19.85 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003401.D

Acq: 16 Jul 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

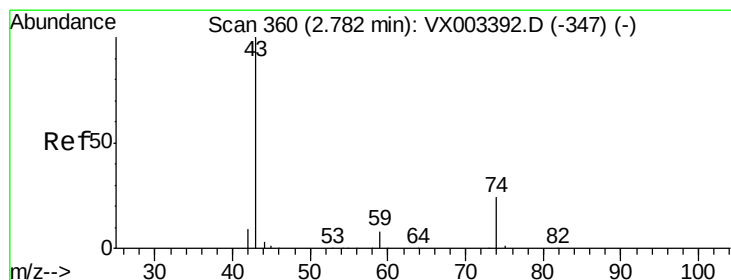
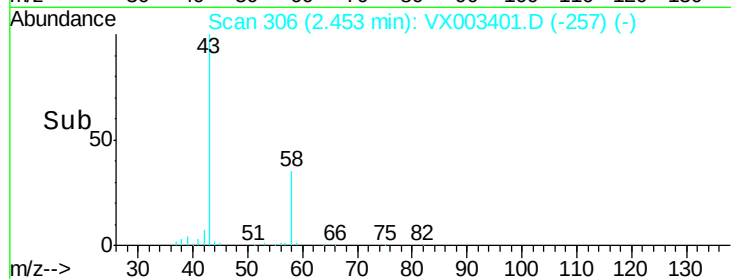
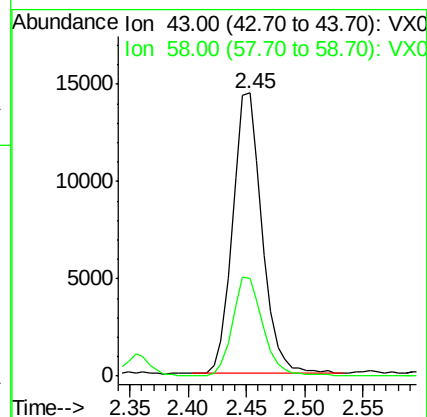
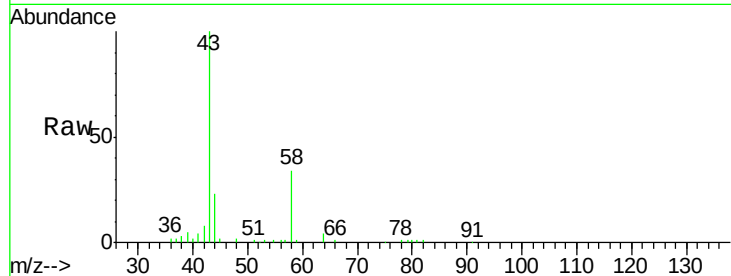
PB111123TB

Tot Ion: 43 Resp: 25443

Ion Ratio Lower Upper

43 100

58 34.7 22.1 33.1#



#18

Methyl Acetate

Concen: 2.10 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003401.D

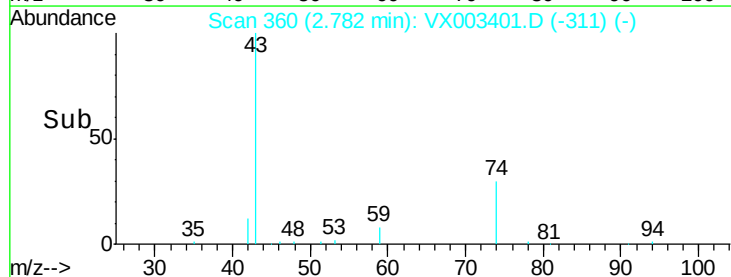
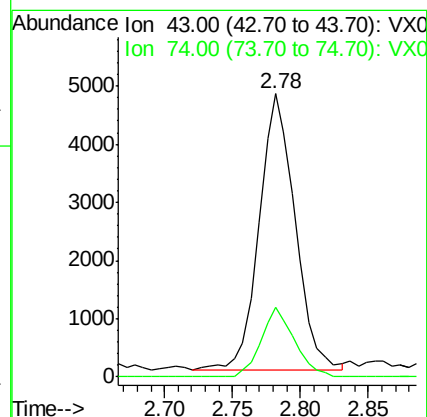
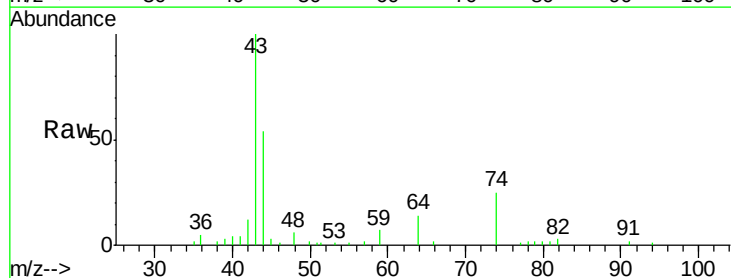
Acq: 16 Jul 2018 20:32

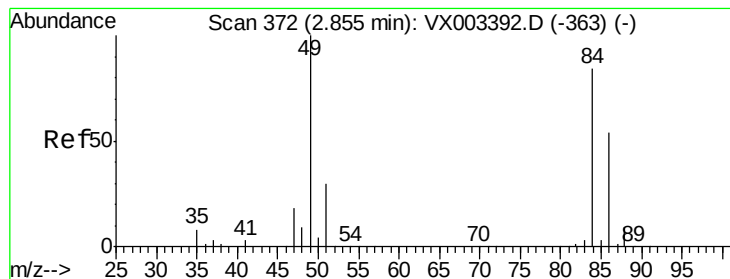
Tgt Ion: 43 Resp: 8781

Ion Ratio Lower Upper

43 100

74 23.4 16.7 25.1





#20

Methvlene Chloride

Concen: 9.91 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003401.D

Acq: 16 Jul 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

PB111123TB

Tot Ion: 84 Resp: 28582

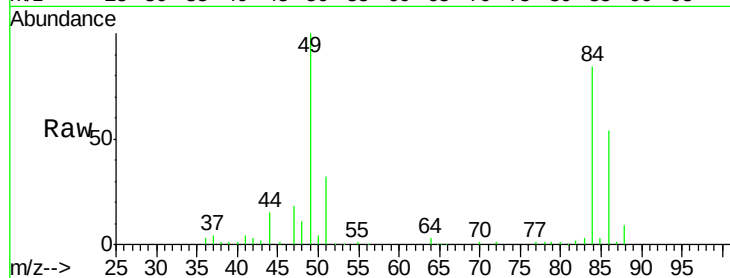
Ion Ratio Lower Upper

84 100

49 119.1 107.8 161.6

51 38.6 32.8 49.2

86 63.9 52.5 78.7

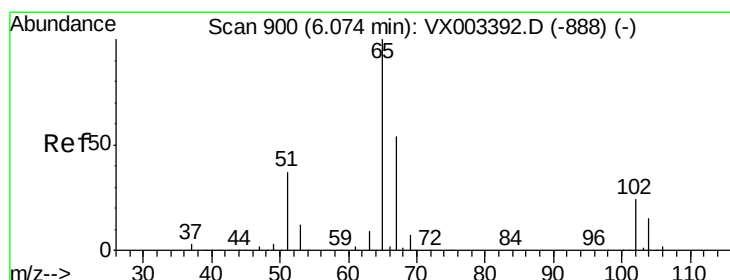
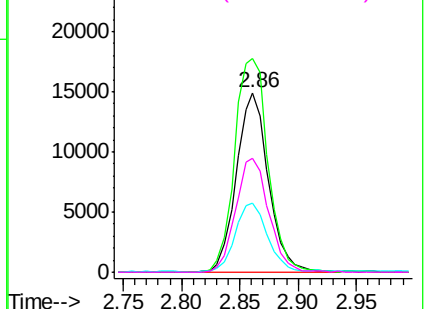
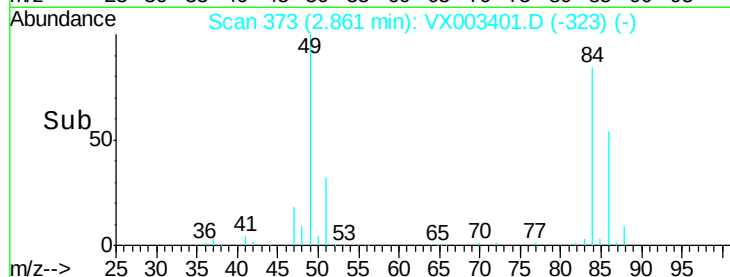


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.13 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX003401.D

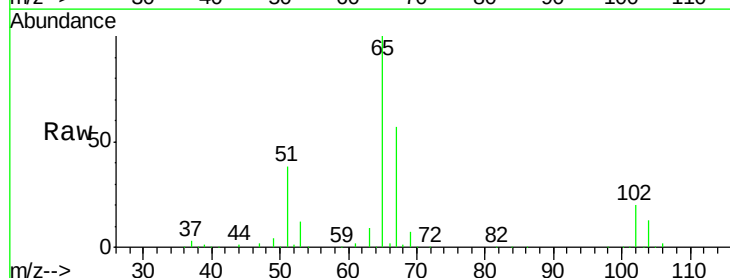
Acq: 16 Jul 2018 20:32

Tgt Ion: 65 Resp: 151427

Ion Ratio Lower Upper

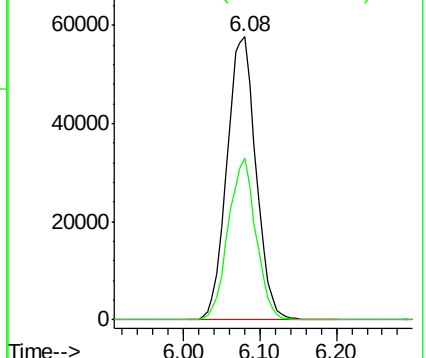
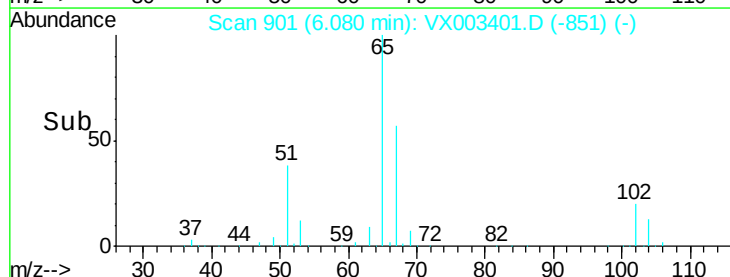
65 100

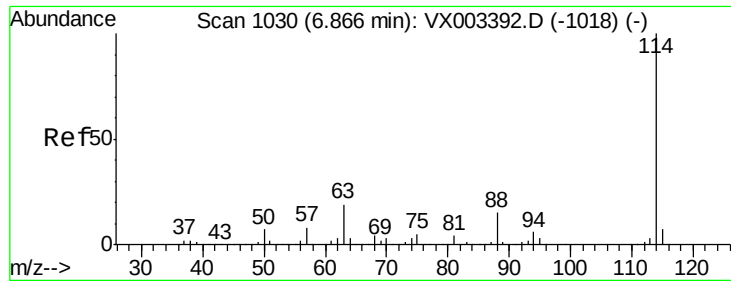
67 54.4 0.0 102.6



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: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003401.D

Acq: 16 Jul 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

PB111123TB

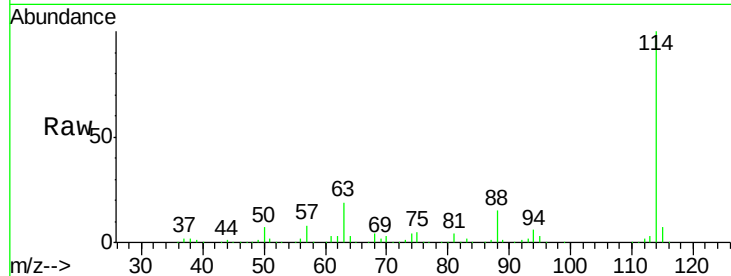
Tot Ion:114 Resp: 339590

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

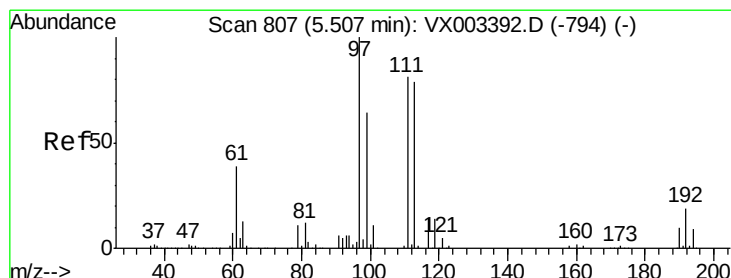
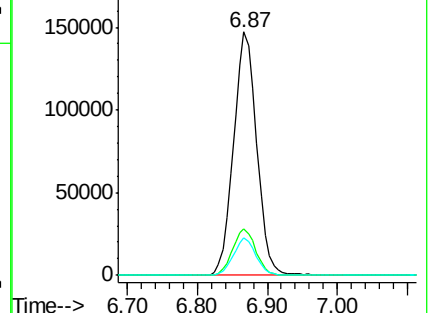
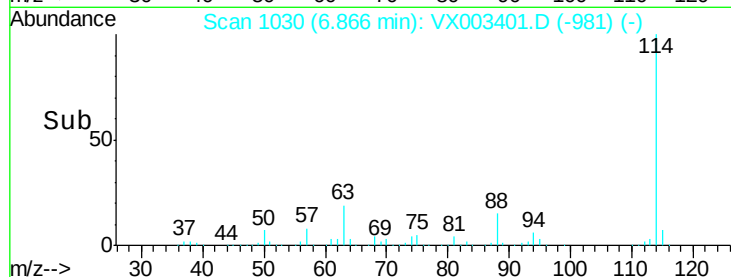
88 15.4 0.0 30.0



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



#35

Dibromofluoromethane

Concen: 47.19 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003401.D

Acq: 16 Jul 2018 20:32

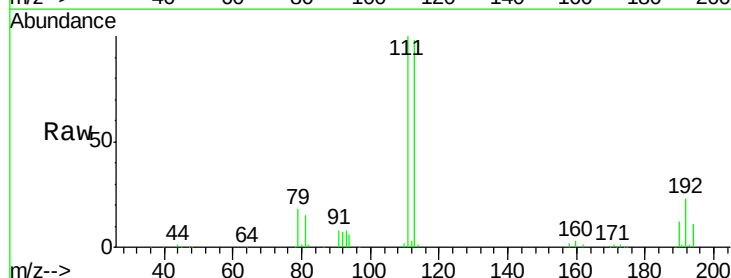
Tgt Ion:113 Resp: 129658

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

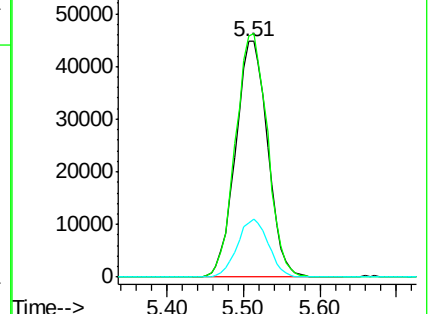
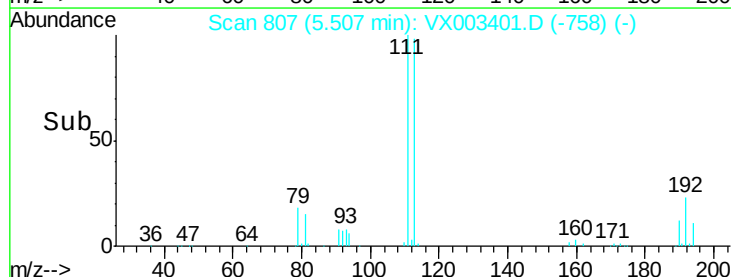
192 24.1 19.1 28.7

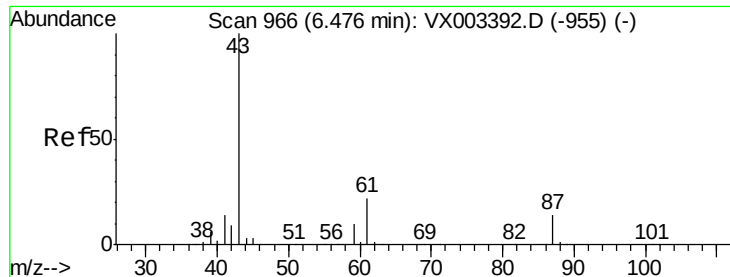


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 22.50 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX003401.D

Acq: 16 Jul 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

PB111123TB

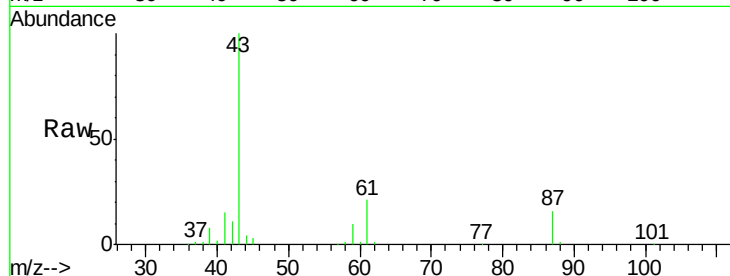
Tot Ion: 43 Resp: 131583

Ion Ratio Lower Upper

43 100

61 20.9 14.4 21.6

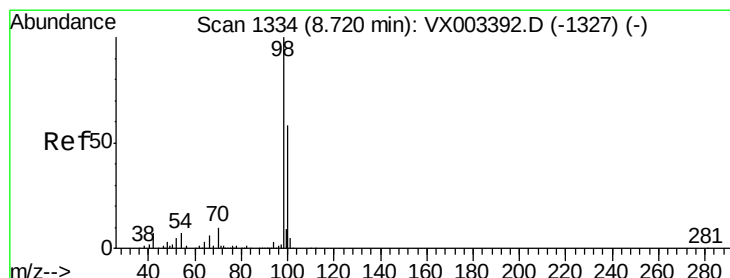
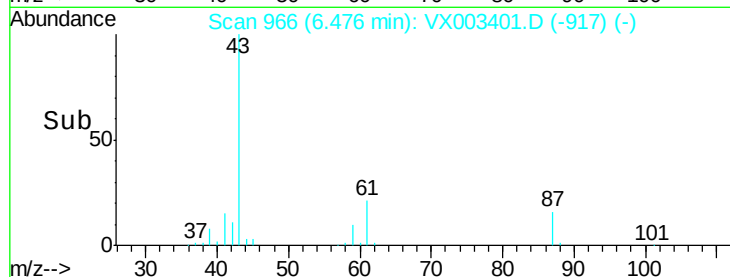
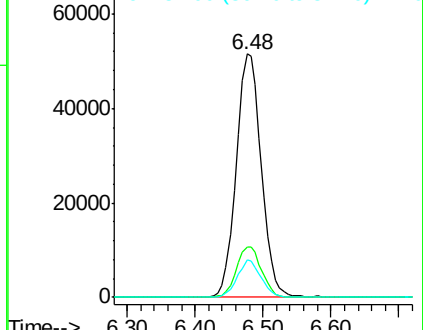
87 14.5 9.5 14.3#



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: 53.88 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003401.D

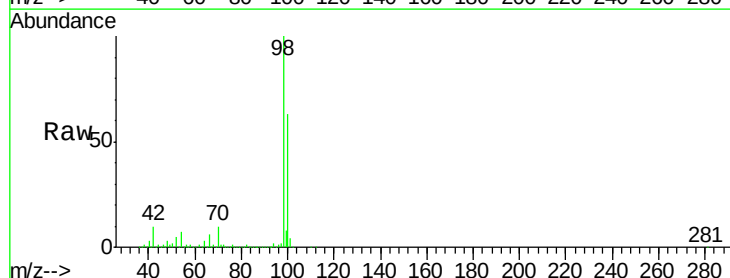
Acq: 16 Jul 2018 20:32

Tgt Ion: 98 Resp: 546371

Ion Ratio Lower Upper

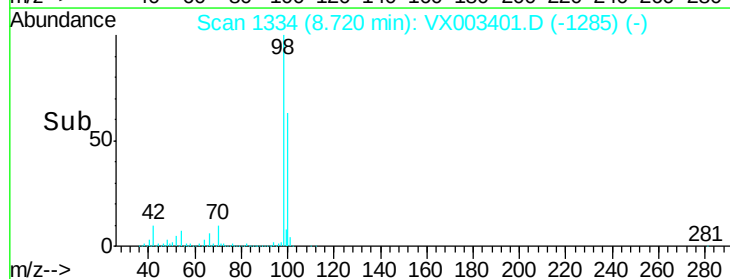
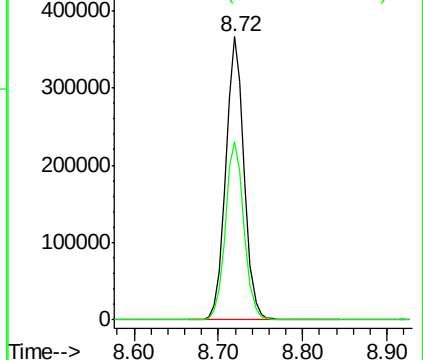
98 100

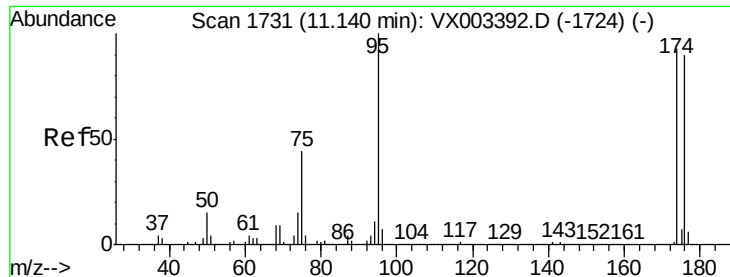
100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003401.D

Acq: 16 Jul 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

PB111123TB

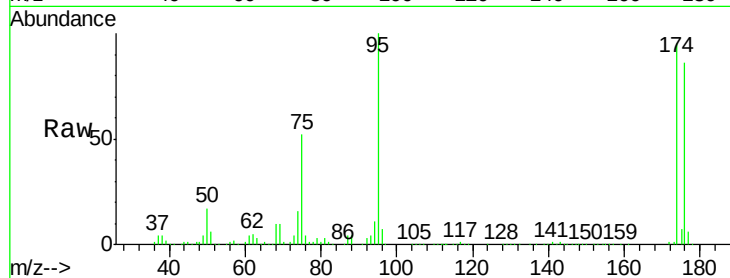
Tot Ion: 95 Resp: 165680

Ion Ratio Lower Upper

95 100

174 97.5 0.0 187.4

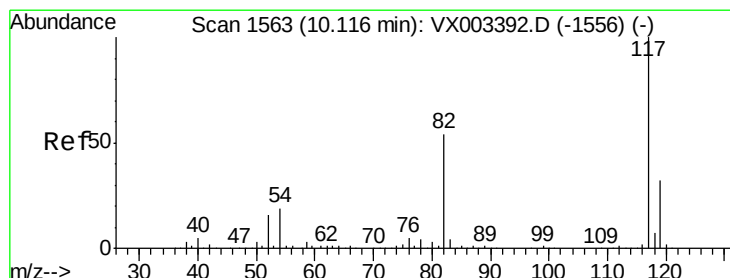
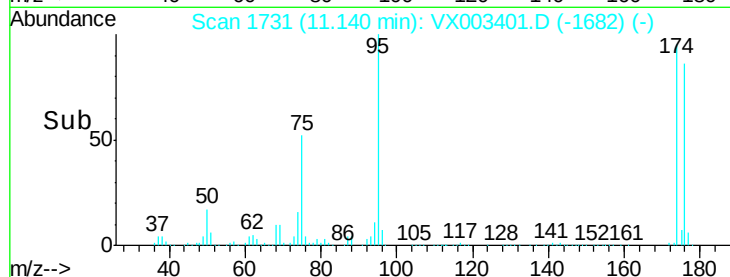
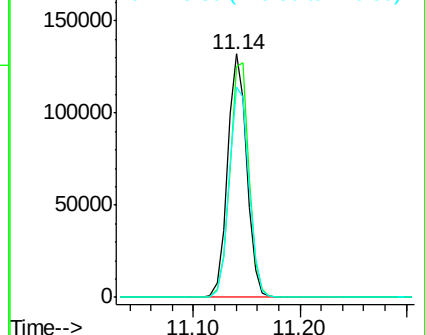
176 89.9 0.0 181.0



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003401.D

Acq: 16 Jul 2018 20:32

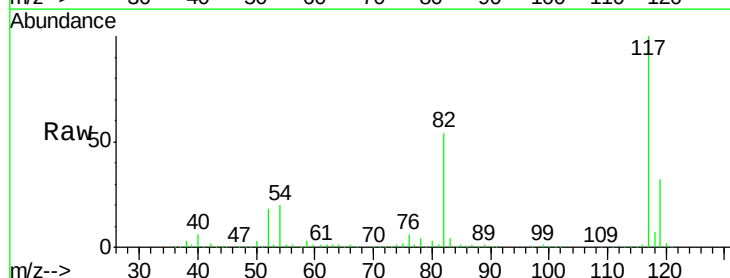
Tgt Ion: 117 Resp: 309506

Ion Ratio Lower Upper

117 100

82 54.4 45.0 67.4

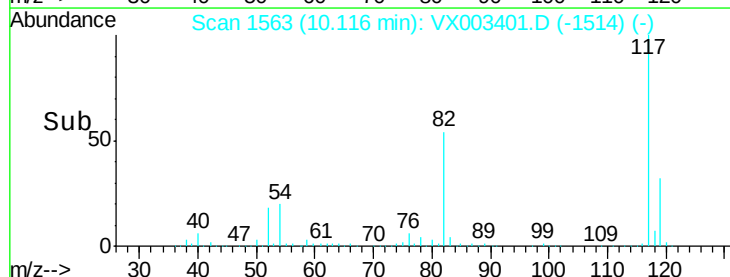
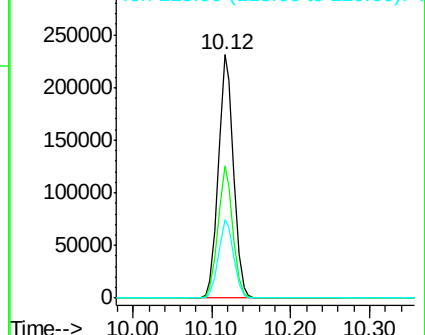
119 32.4 25.8 38.6

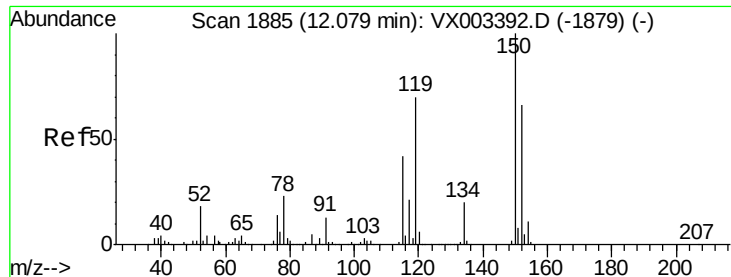


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003401.D

Acq: 16 Jul 2018 20:32

Instrument :

MSVOA_X

ClientSampled :

PB111123TB

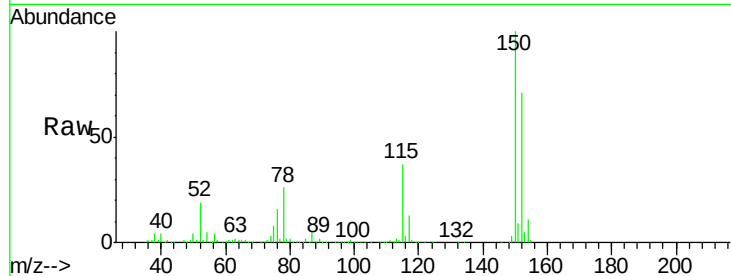
Tot Ion:152 Resp: 168140

Ion Ratio Lower Upper

152 100

115 53.8 40.1 120.2

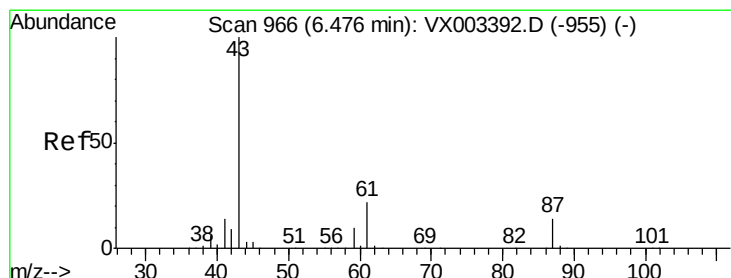
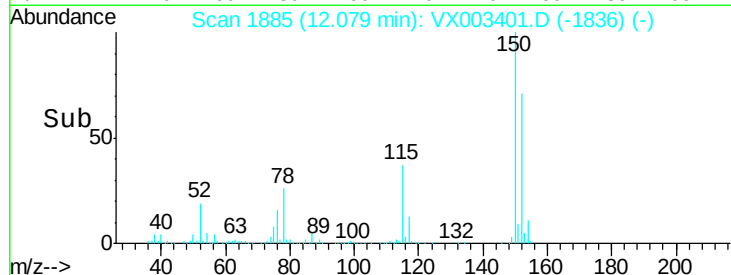
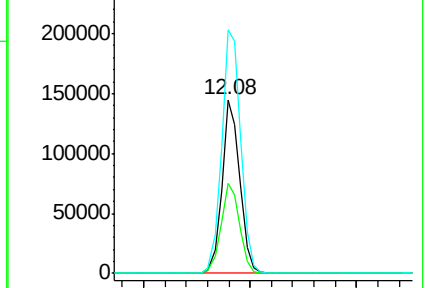
150 150.8 0.0 347.2



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



#74

N-ethyl acetate

Concen: 25.41 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX003401.D

Acq: 16 Jul 2018 20:32

Tgt Ion: 43 Resp: 131583

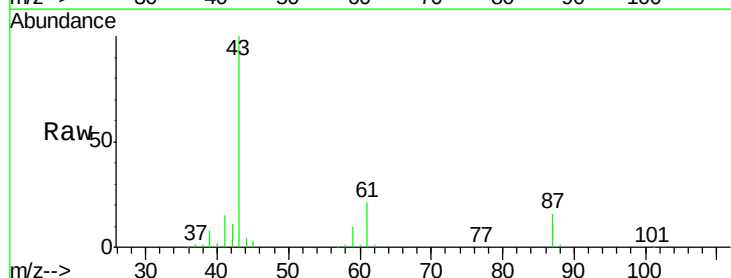
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 20.9 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

