

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
 Data File : VX003425.D
 Acq On : 17 Jul 2018 14:06
 Operator : JC/MD
 Sample : J3545-05DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-IDL

Quant Time: Jul 17 14:42:17 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	279632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	411525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	380895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	248309	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	169047	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	
35) Dibromofluoromethane	5.51	113	159815	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	8.72	98	672487	54.73	ug/l	0.00
Spiked Amount			Recovery	=	109.46%	
62) 4-Bromofluorobenzene	11.14	95	235911	53.77	ug/l	0.00
Spiked Amount			Recovery	=	107.54%	

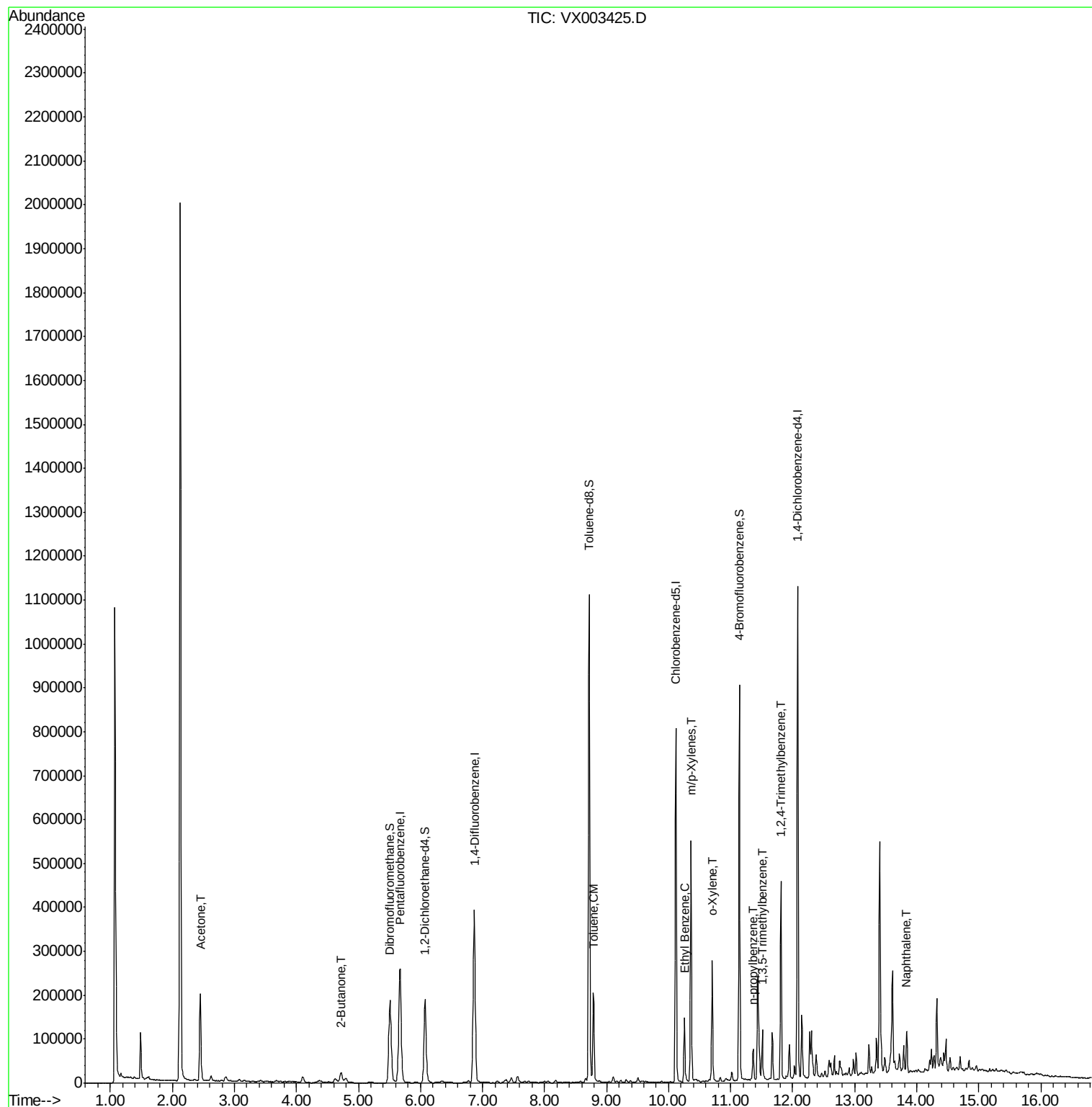
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	209896	137.80	ug/l	# 88
25) 2-Butanone	4.71	43	41731	17.51	ug/l	95
52) Toluene	8.79	92	76472	9.63	ug/l	97
67) Ethyl Benzene	10.26	91	85483	5.81	ug/l	100
68) m/p-Xylenes	10.36	106	132231	23.24	ug/l	96
69) o-Xylene	10.70	106	60843	11.14	ug/l	98
78) n-propylbenzene	11.37	91	39627	2.23	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	51041	3.93	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	191827	14.38	ug/l	99
95) Naphthalene	13.84	128	61115	3.75	ug/l	98

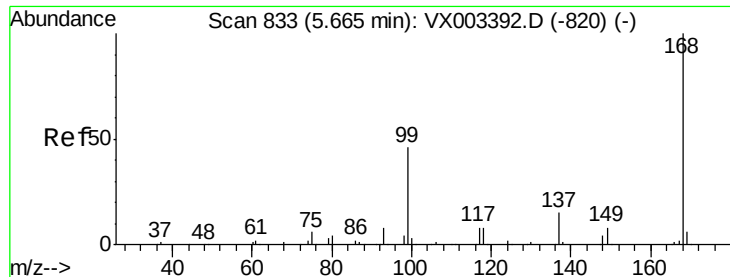
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071718\
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MSVOA_X
ClientSampleId :
DRUM-1DL

Quant Time: Jul 17 14:42:17 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: VX003425.D

Acq: 17 Jul 2018 14:06

Instrument :

MSVOA_X

ClientSampled :

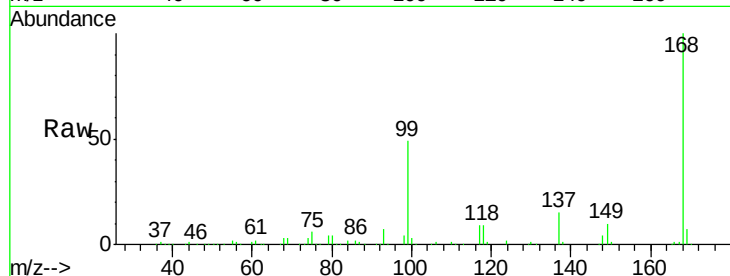
DRUM-1DL

Tot Ion:168 Resp: 279632

Ion Ratio Lower Upper

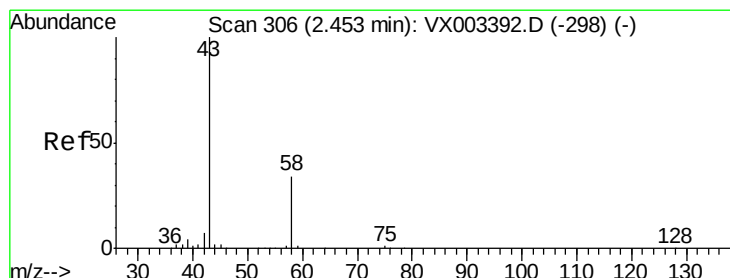
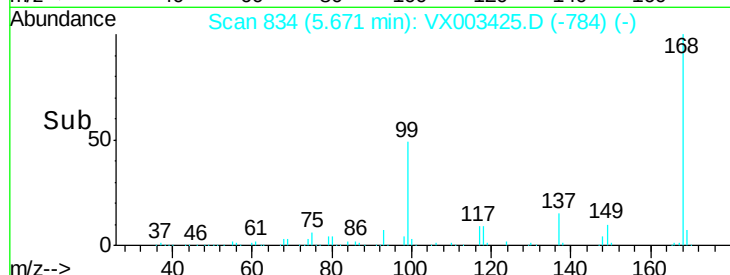
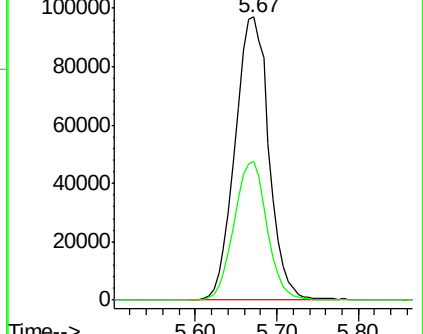
168 100

99 49.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 137.80 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003425.D

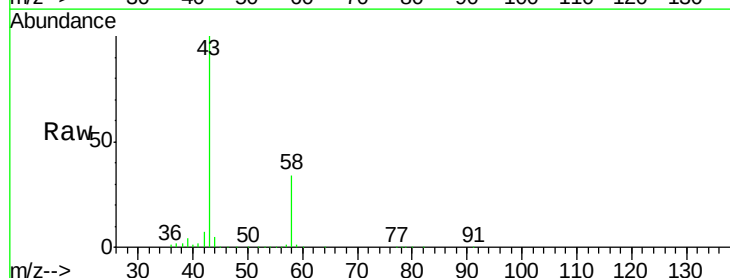
Acq: 17 Jul 2018 14:06

Tgt Ion: 43 Resp: 209896

Ion Ratio Lower Upper

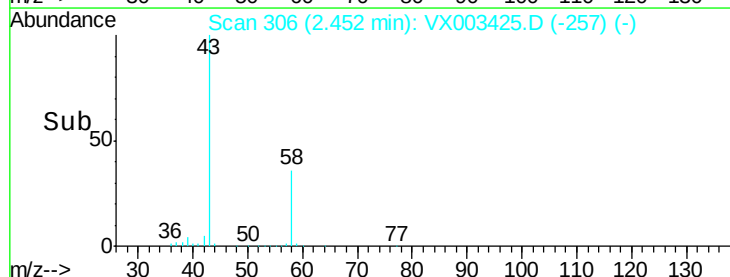
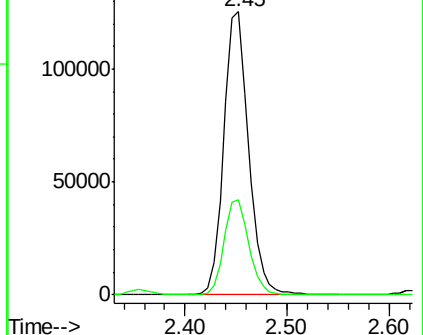
43 100

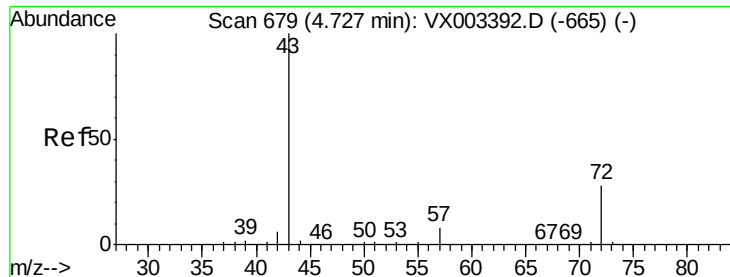
58 33.9 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 17.51 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX003425.D

Acq: 17 Jul 2018 14:06

Instrument :

MSVOA_X

ClientSampleId :

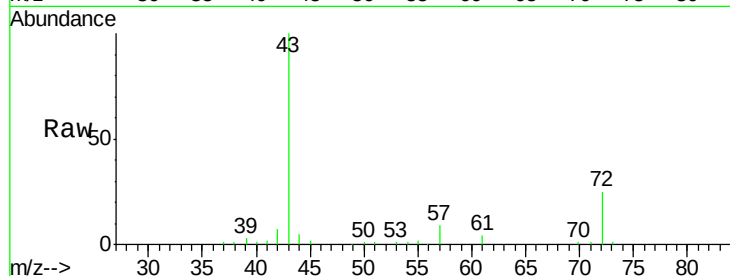
DRUM-1DL

Tot Ion: 43 Resp: 41731

Ion Ratio Lower Upper

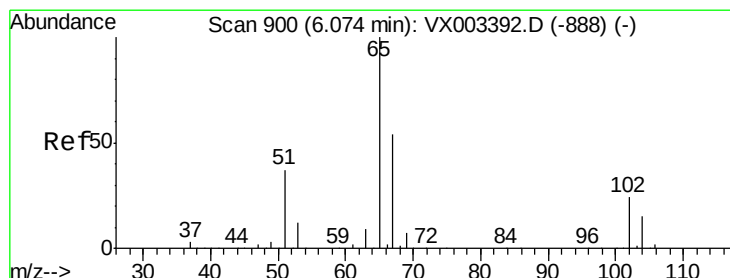
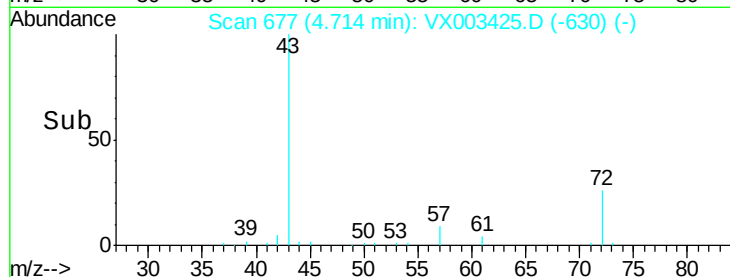
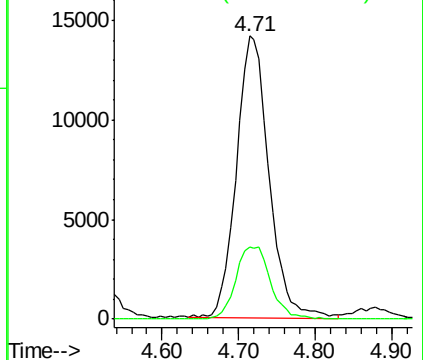
43 100

72 25.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.16 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003425.D

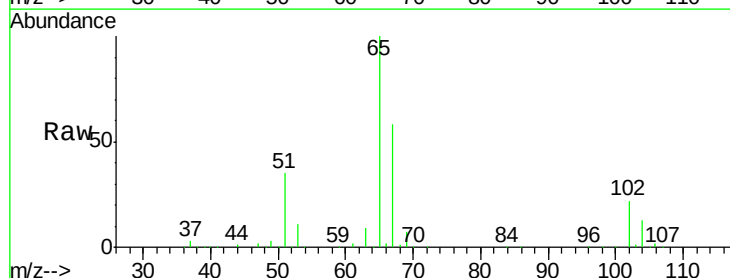
Acq: 17 Jul 2018 14:06

Tgt Ion: 65 Resp: 169047

Ion Ratio Lower Upper

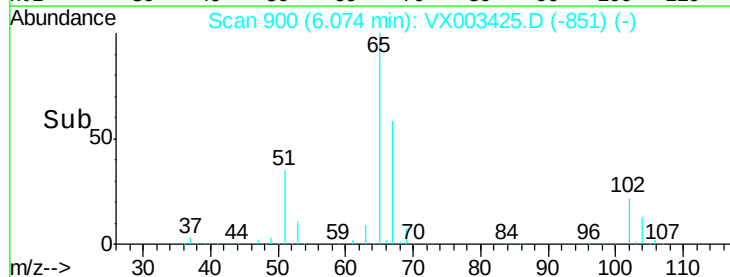
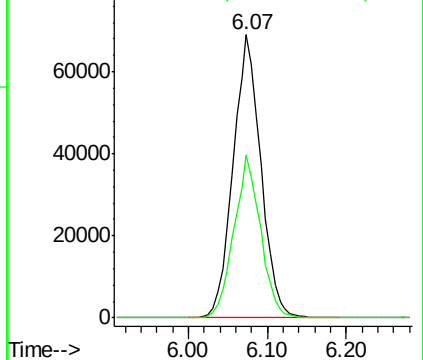
65 100

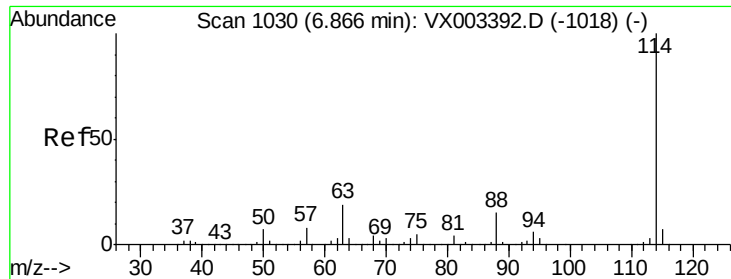
67 55.3 0.0 102.6



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: VX003425.D

Acq: 17 Jul 2018 14:06

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1DL

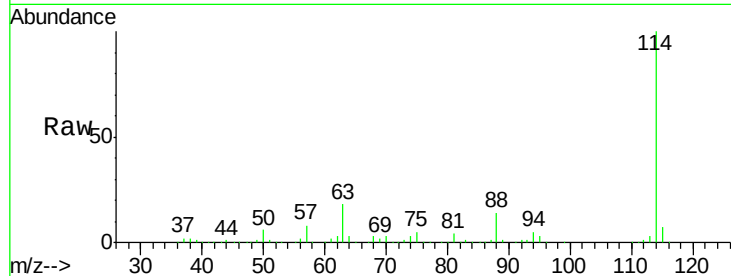
Tot Ion:114 Resp: 411525

Ion Ratio Lower Upper

114 100

63 17.7 0.0 41.4

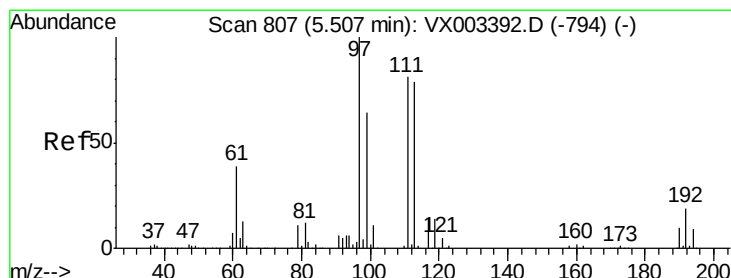
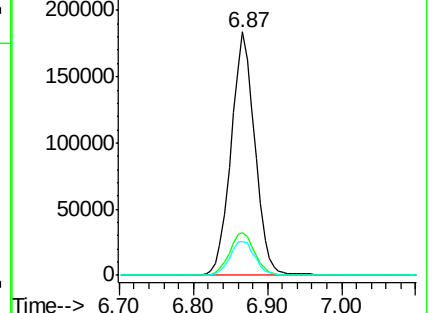
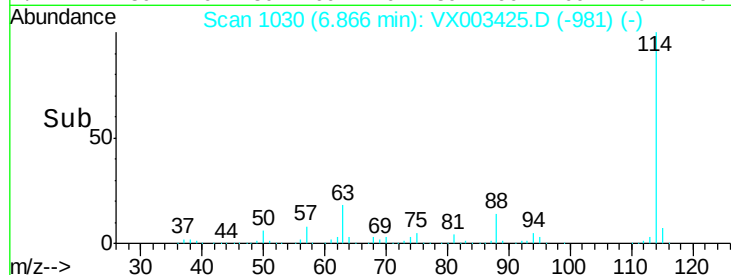
88 13.8 0.0 30.0



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: 48.00 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003425.D

Acq: 17 Jul 2018 14:06

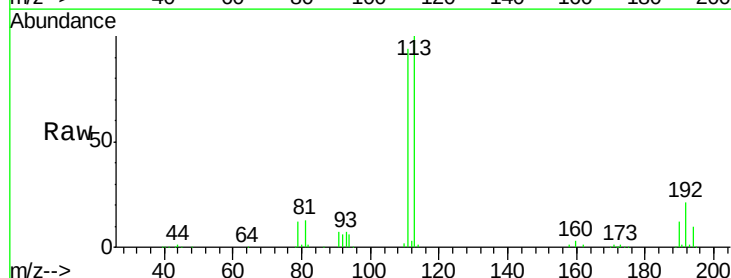
Tgt Ion:113 Resp: 159815

Ion Ratio Lower Upper

113 100

111 99.4 81.4 122.0

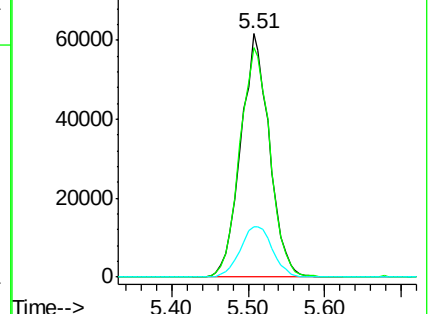
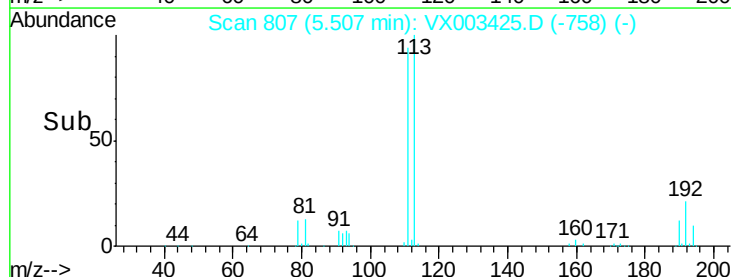
192 23.3 19.1 28.7

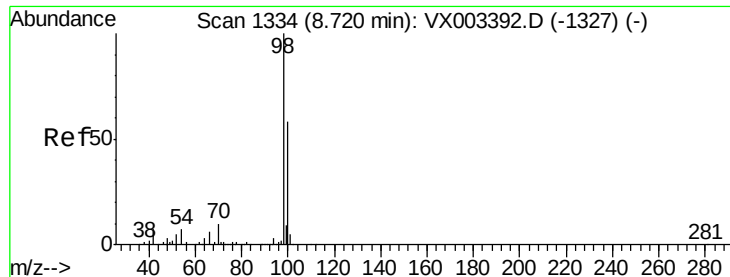


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.73 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003425.D

Acq: 17 Jul 2018 14:06

Instrument :

MSVOA_X

ClientSampleId :

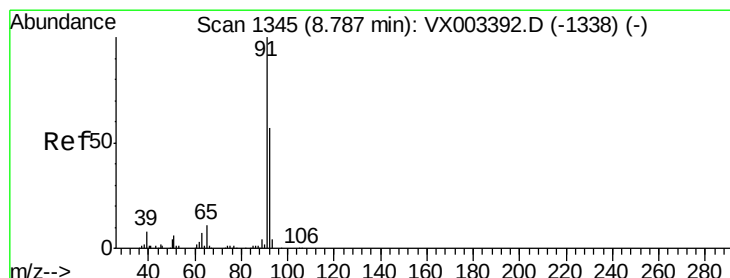
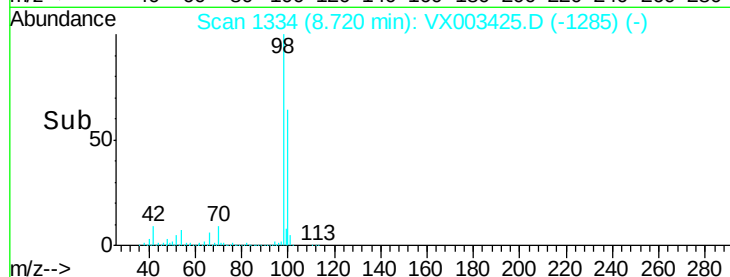
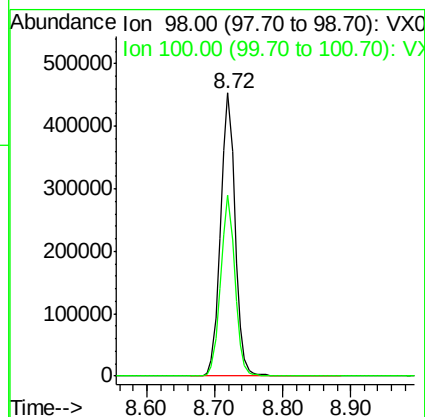
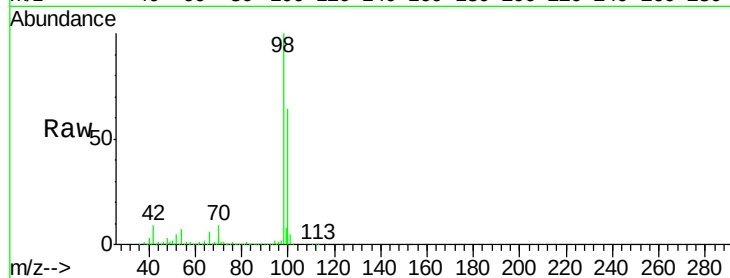
DRUM-1DL

Tot Ion: 98 Resp: 672487

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3



#52

Toluene

Concen: 9.63 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003425.D

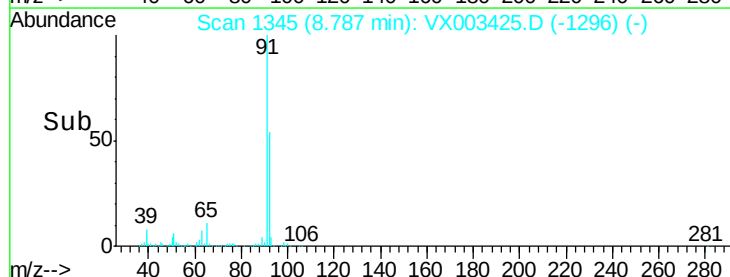
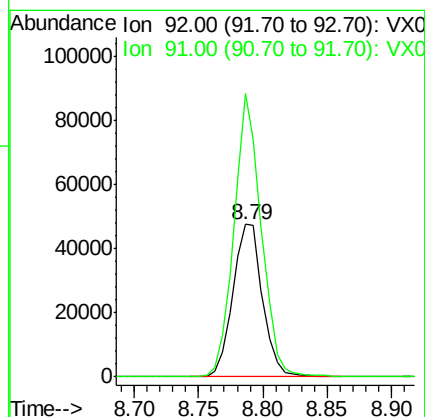
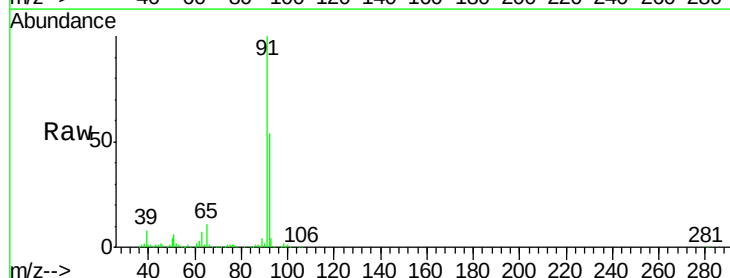
Acq: 17 Jul 2018 14:06

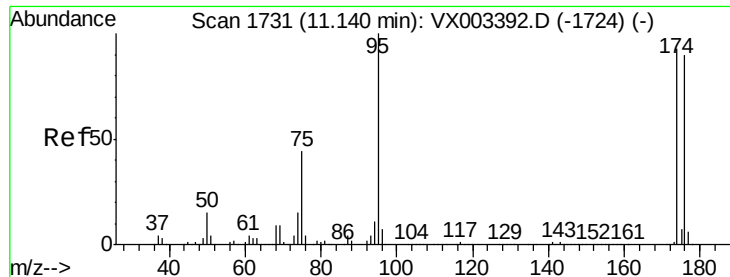
Tgt Ion: 92 Resp: 76472

Ion Ratio Lower Upper

92 100

91 171.0 140.4 210.6





#62

4-Bromofluorobenzene

Concen: 53.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003425.D

Acq: 17 Jul 2018 14:06

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1DL

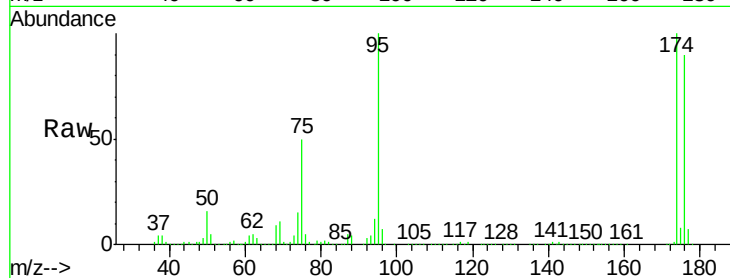
Tot Ion: 95 Resp: 235911

Ion Ratio Lower Upper

95 100

174 92.4 0.0 187.4

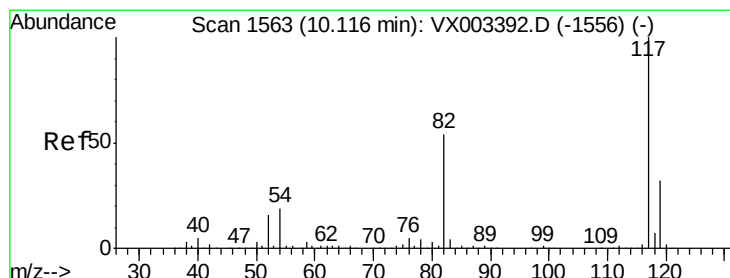
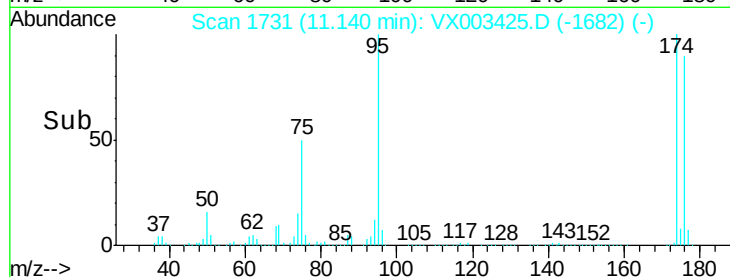
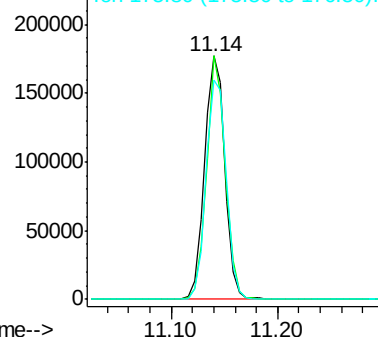
176 90.8 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003392.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX003392.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX003392.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003425.D

Acq: 17 Jul 2018 14:06

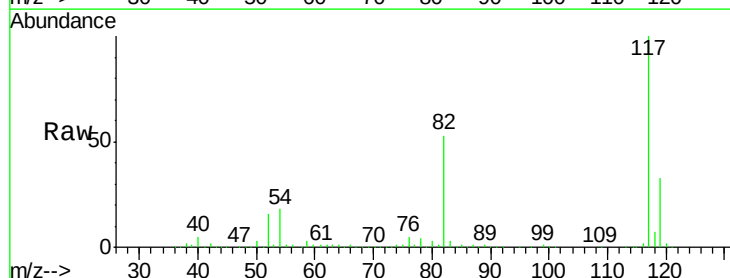
Tgt Ion: 117 Resp: 380895

Ion Ratio Lower Upper

117 100

82 53.2 45.0 67.4

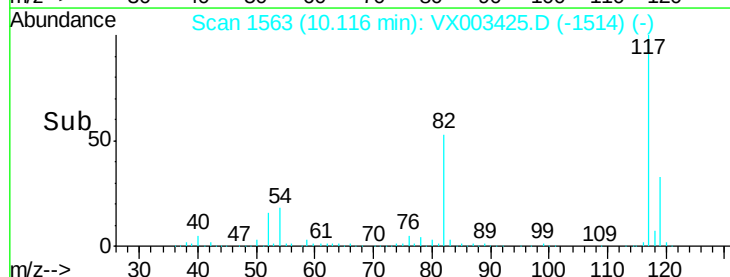
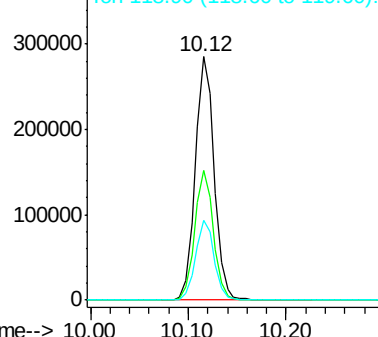
119 32.6 25.8 38.6

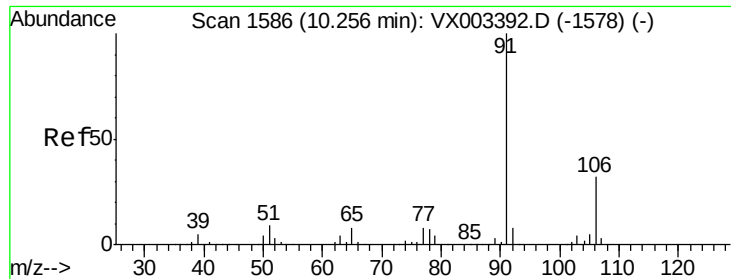


Abundance Ion 116.90 (116.60 to 117.60): VX003392.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX003392.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX003392.D (-1556) (-)





#67

Ethyl Benzene

Concen: 5.81 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003425.D

Acq: 17 Jul 2018 14:06

Instrument :

MSVOA_X

ClientSampled :

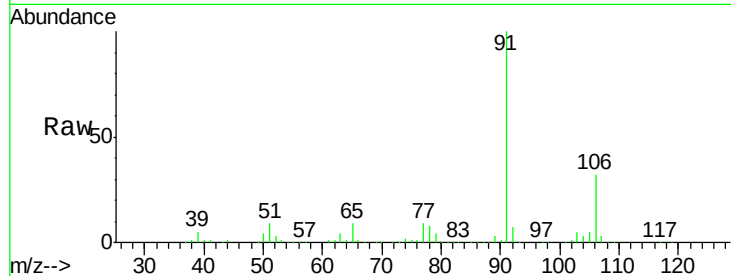
DRUM-1DL

Tot Ion: 91 Resp: 85483

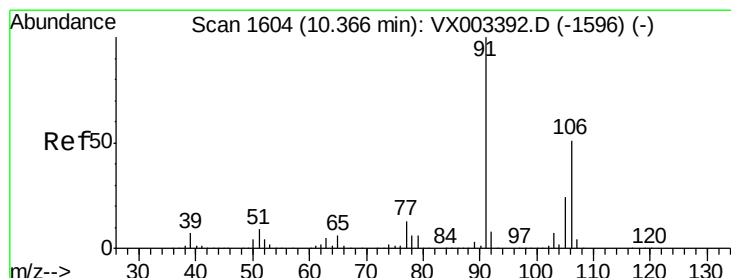
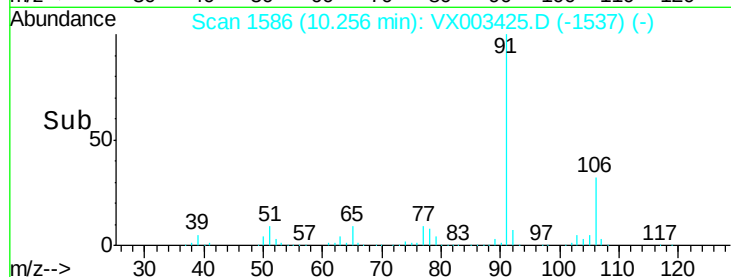
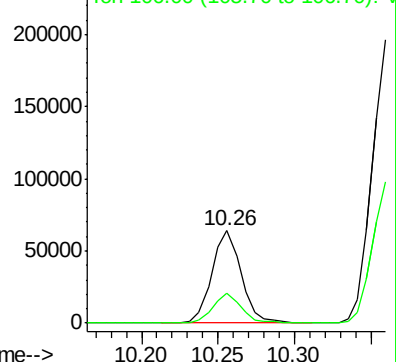
Ion Ratio Lower Upper

91 100

106 31.9 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX003392.D (-1578) (-)



#68

m/p-Xylenes

Concen: 23.24 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX003425.D

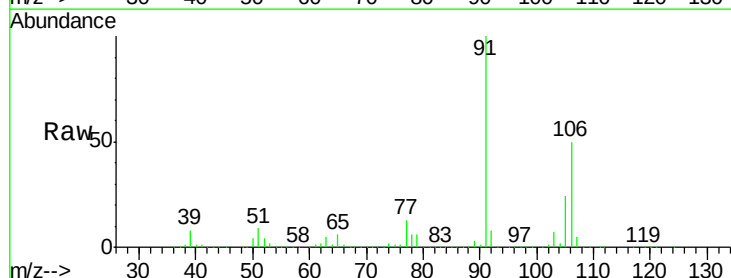
Acq: 17 Jul 2018 14:06

Tgt Ion: 106 Resp: 132231

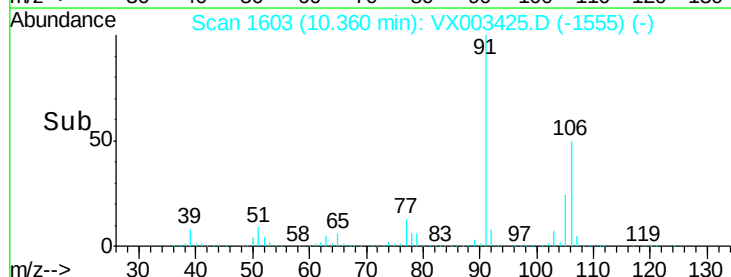
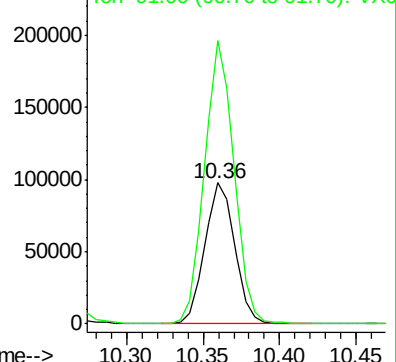
Ion Ratio Lower Upper

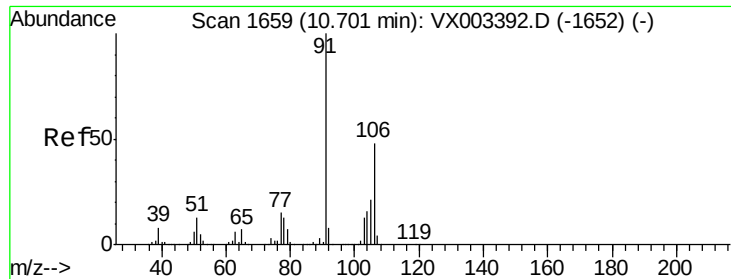
106 100

91 197.5 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VX003392.D (-1596) (-)

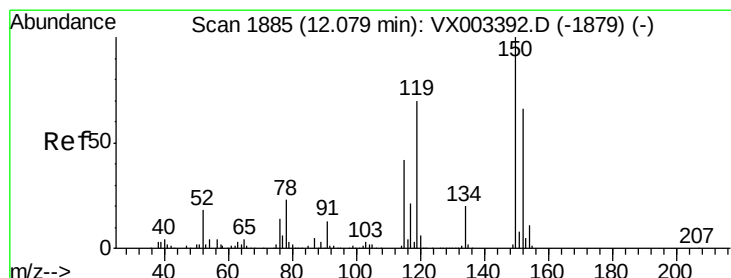
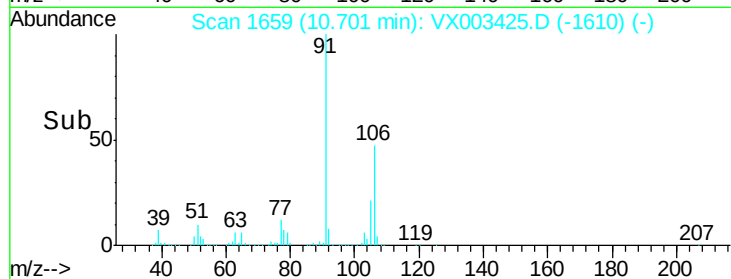
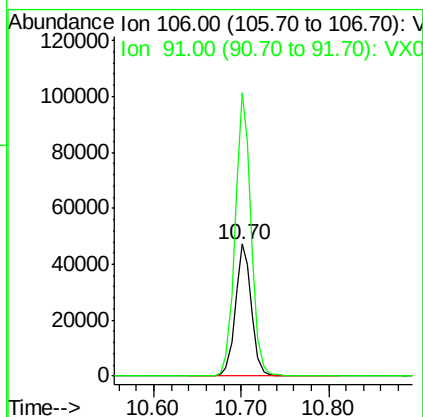
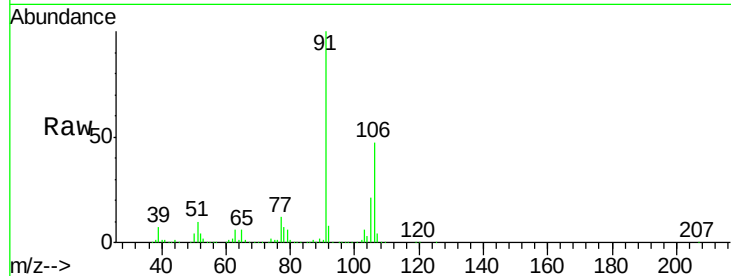




#69
o-Xylene
Concen: 11.14 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003425.D
Acq: 17 Jul 2018 14:06

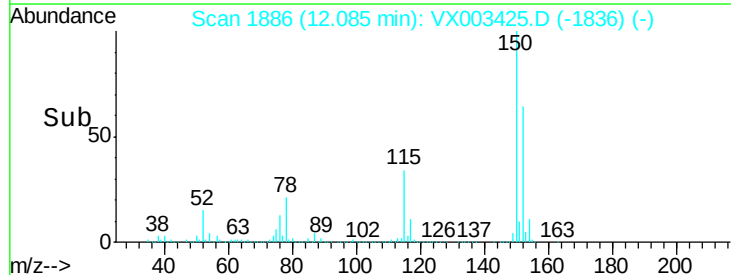
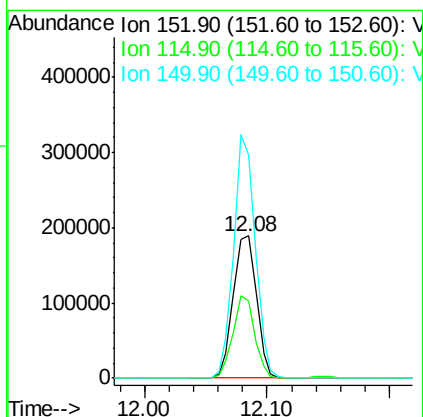
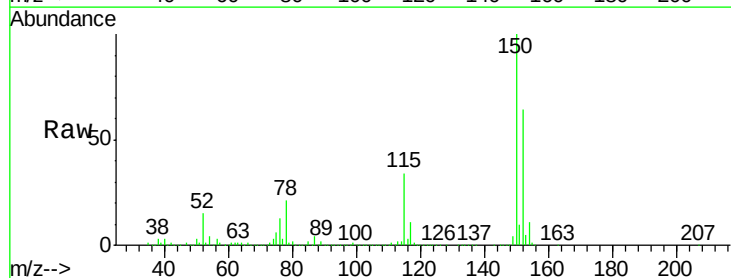
Instrument :
MSVOA_X
ClientSampleId :
DRUM-IDL

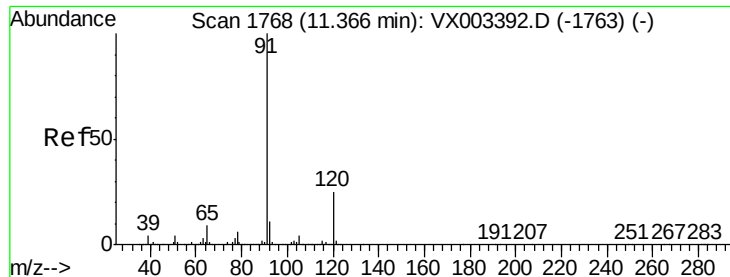
Tot Ion:106 Resp: 60843
Ion Ratio Lower Upper
106 100
91 213.0 108.2 324.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003425.D
Acq: 17 Jul 2018 14:06

Tgt Ion:152 Resp: 248309
Ion Ratio Lower Upper
152 100
115 53.8 40.1 120.2
150 157.6 0.0 347.2





#78

n-propylbenzene

Concen: 2.23 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003425.D

Acq: 17 Jul 2018 14:06

Instrument :

MSVOA_X

ClientSampleId :

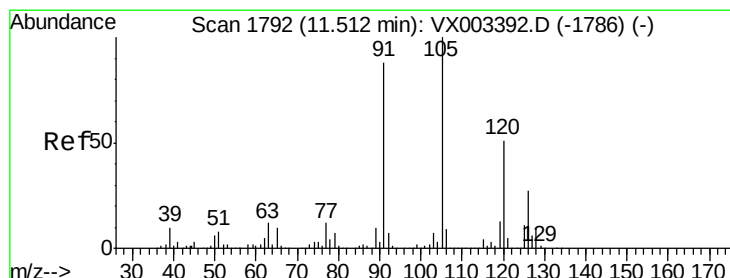
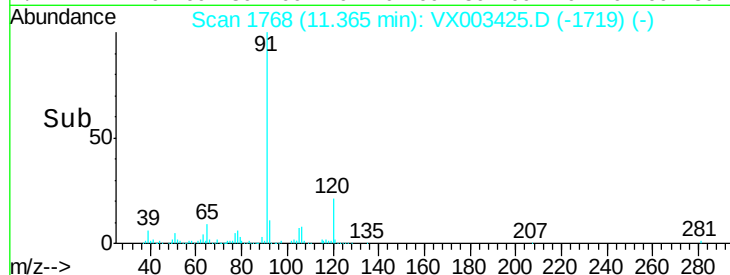
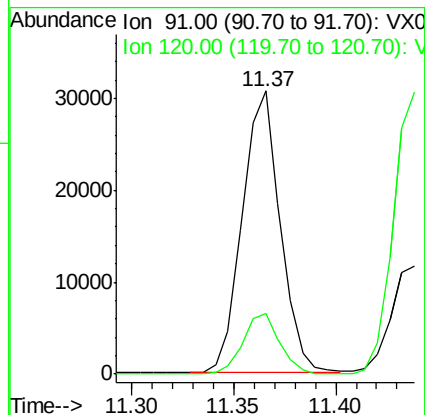
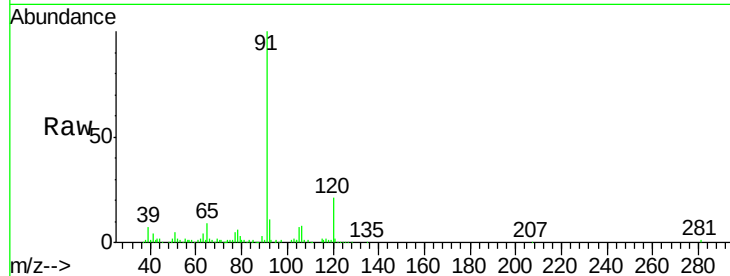
DRUM-1DL

Tot Ion: 91 Resp: 39627

Ion Ratio Lower Upper

91 100

120 21.1 11.8 35.4



#80

1,3,5-Trimethylbenzene

Concen: 3.93 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003425.D

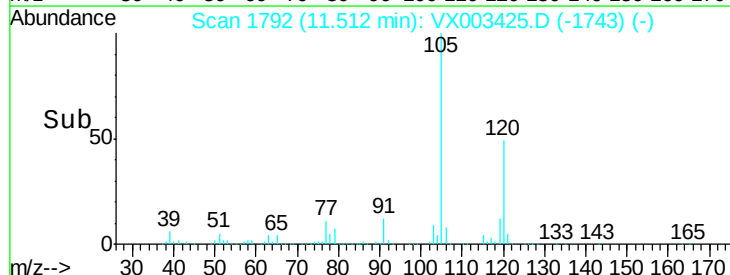
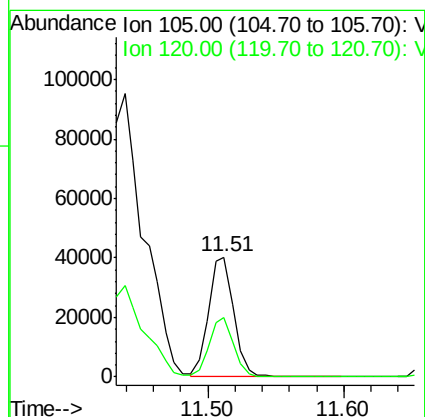
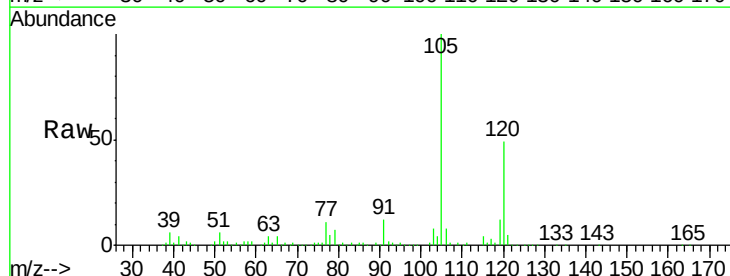
Acq: 17 Jul 2018 14:06

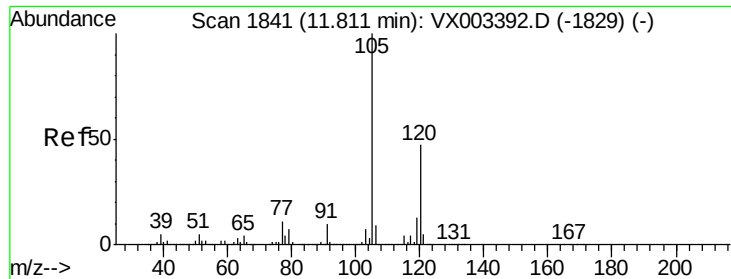
Tgt Ion:105 Resp: 51041

Ion Ratio Lower Upper

105 100

120 48.1 24.4 73.4





#84

1,2,4-Trimethylbenzene

Concen: 14.38 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003425.D

Acq: 17 Jul 2018 14:06

Instrument :

MSVOA_X

ClientSampleId :

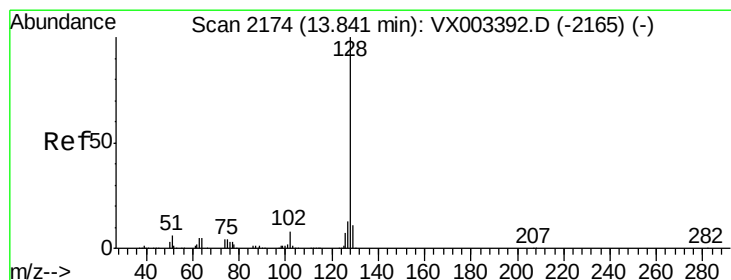
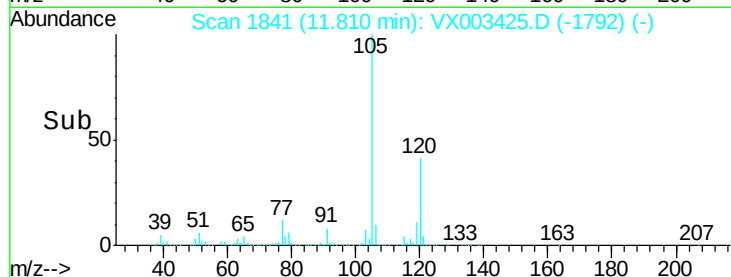
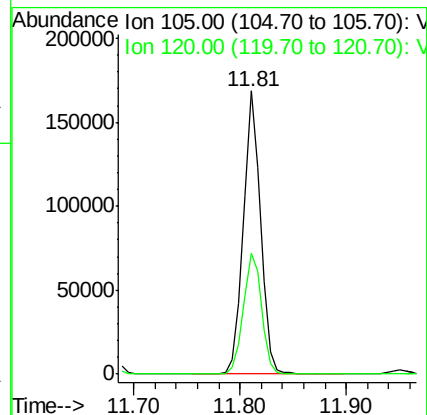
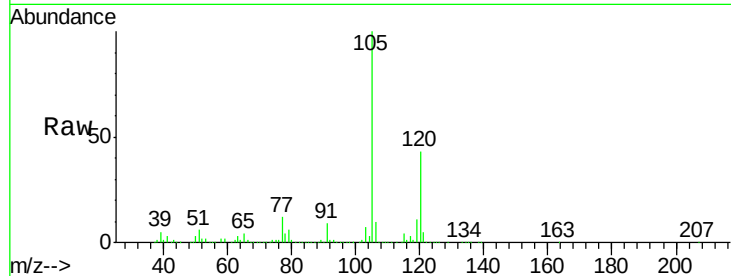
DRUM-1DL

Tot Ion:105 Resp: 191827

Ion Ratio Lower Upper

105 100

120 45.4 22.3 66.8



#95

Naphthalene

Concen: 3.75 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003425.D

Acq: 17 Jul 2018 14:06

Tgt Ion:128 Resp: 61115

Ion Ratio Lower Upper

128 100

127 12.2 10.4 15.6

129 11.2 8.6 13.0

