

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003948.D
 Acq On : 09 Aug 2018 14:10
 Operator : JC/MD
 Sample : J4387-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2018-5

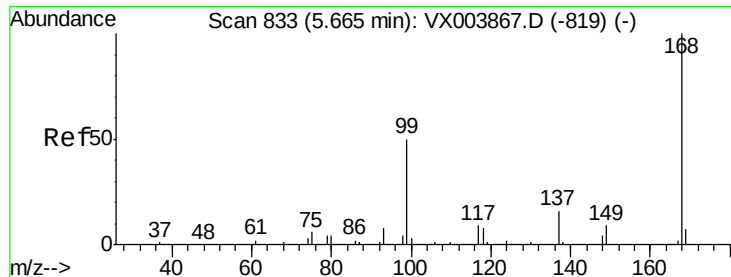
Quant Time: Aug 10 01:51:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	328402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	507486	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	481850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	265450	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	220150	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
35) Dibromofluoromethane	5.50	113	187524	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
50) Toluene-d8	8.72	98	719072	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
62) 4-Bromofluorobenzene	11.14	95	260546	53.86	ug/l	0.00
Spiked Amount			Recovery	=	107.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1424	0.31	ug/l #	94
16) Acetone	2.45	43	1602	0.62	ug/l #	82
31) Cyclohexane	5.56	56	1657	0.26	ug/l	89
39) Methylcyclohexane	7.46	83	2741	0.41	ug/l	95
52) Toluene	8.79	92	5345	0.50	ug/l	99
67) Ethyl Benzene	10.26	91	7319	0.36	ug/l	97
68) m/p-Xylenes	10.36	106	8081	1.01	ug/l	96
69) o-Xylene	10.70	106	2848	0.38	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	5881	0.37	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003948.D

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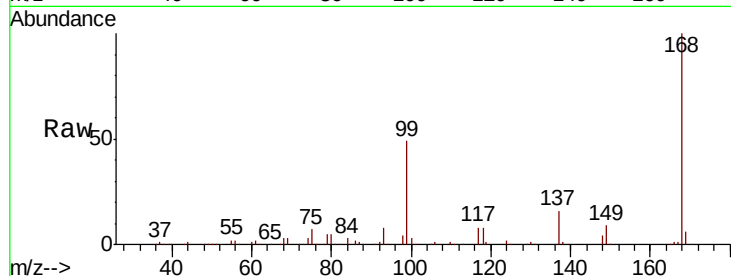
FL-TB-2018-5

Tot Ion:168 Resp: 328402

Ion Ratio Lower Upper

168 100

99 49.4 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

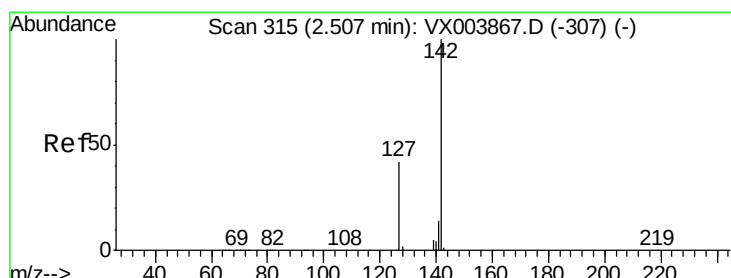
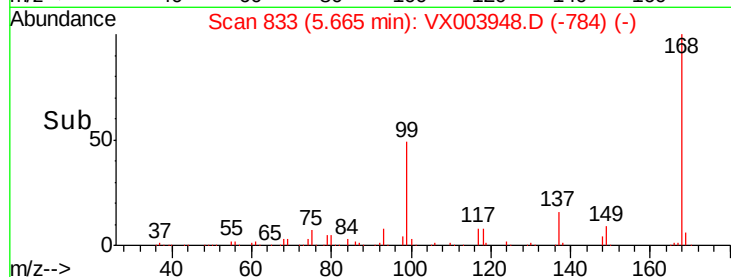
5.67

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 0.31 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003948.D

Acq: 09 Aug 2018 14:10

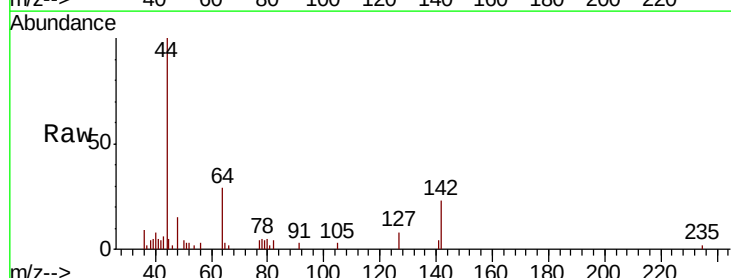
Tgt Ion:142 Resp: 1424

Ion Ratio Lower Upper

142 100

127 44.0 33.1 49.7

141 18.0 11.1 16.7#



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

2.52

800

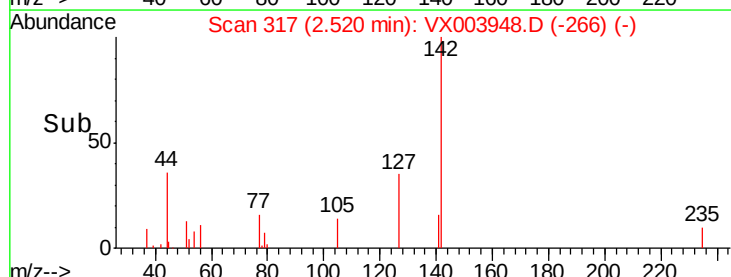
600

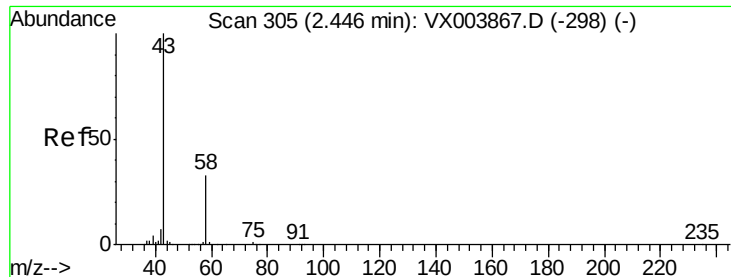
400

200

0

Time-->





#16

Acetone

Concen: 0.62 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003948.D

Acq: 09 Aug 2018 14:10

Instrument :

MSVOA_X

ClientSampled :

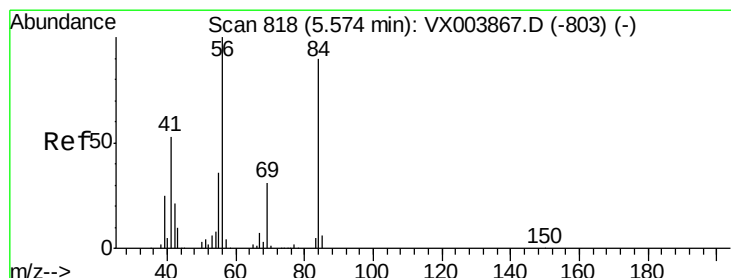
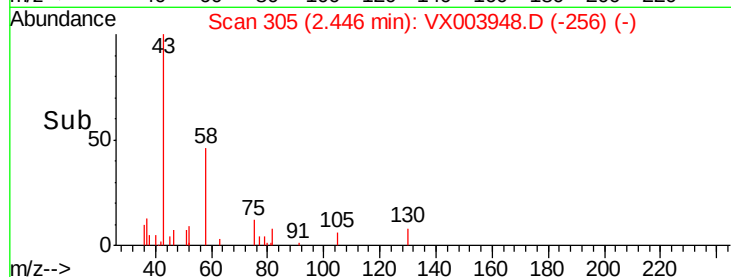
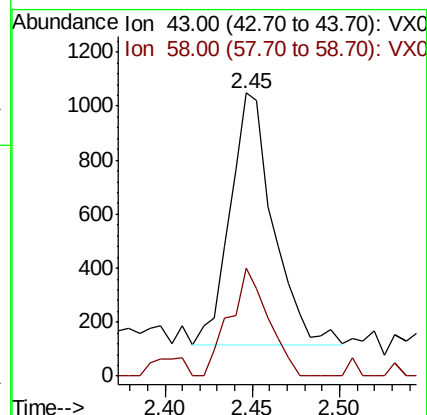
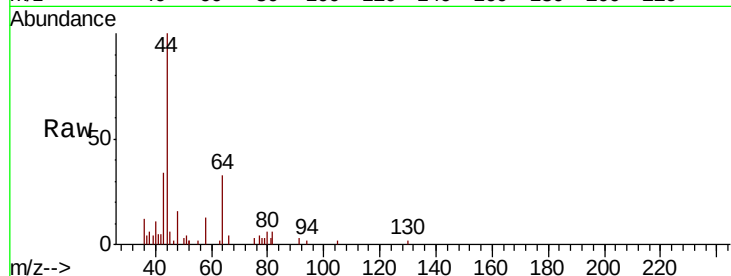
FL-TB-2018-5

Tot Ion: 43 Resp: 1602

Ion Ratio Lower Upper

43 100

58 43.1 26.4 39.6#



#31

Cyclohexane

Concen: 0.26 ug/l

RT: 5.56 min Scan# 816

Delta R.T. -0.01 min

Lab File: VX003948.D

Acq: 09 Aug 2018 14:10

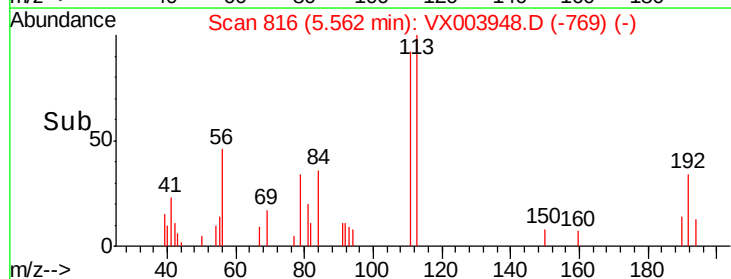
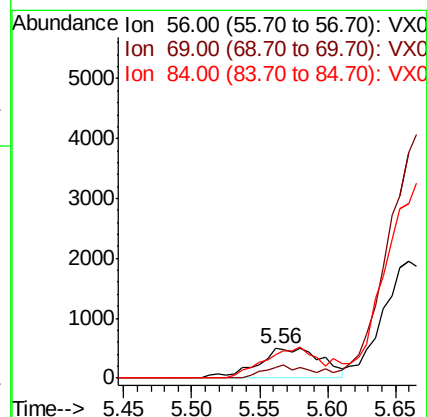
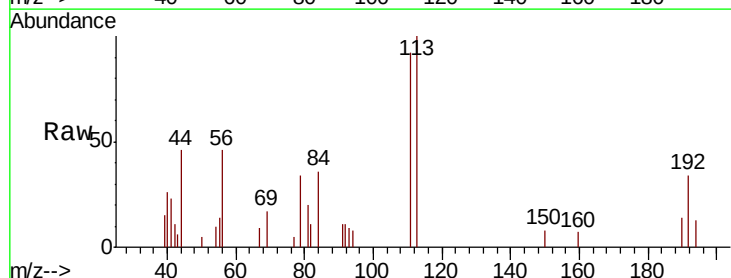
Tgt Ion: 56 Resp: 1657

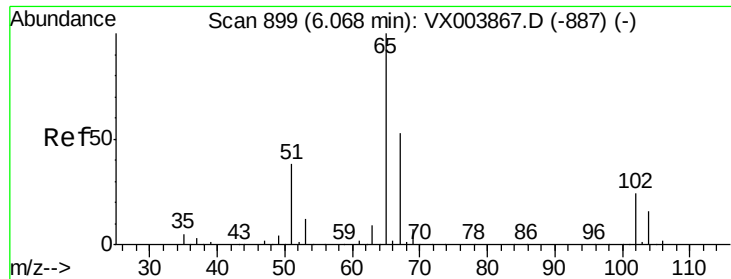
Ion Ratio Lower Upper

56 100

69 36.9 24.9 37.3

84 79.1 71.7 107.5

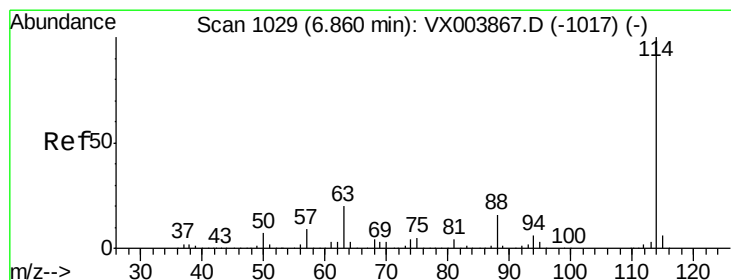
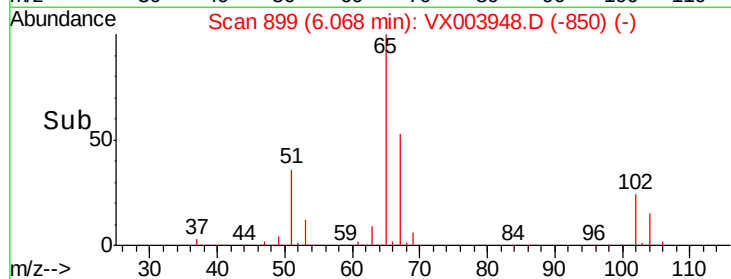
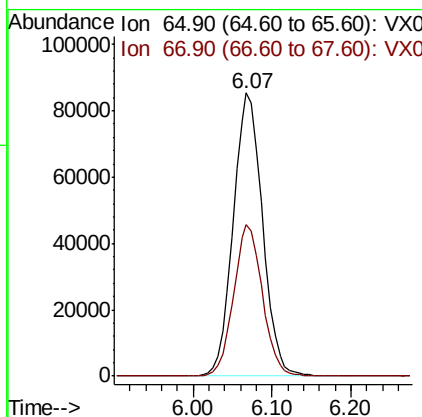
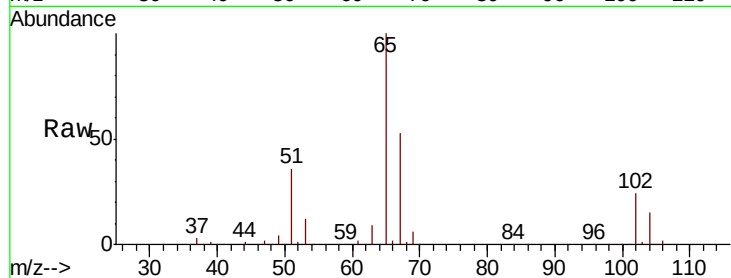




#33
 1,2-Dichloroethane-d4
 Concen: 50.57 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003948.D
 Acq: 09 Aug 2018 14:10

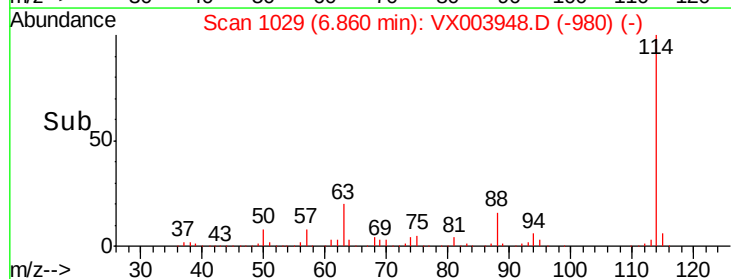
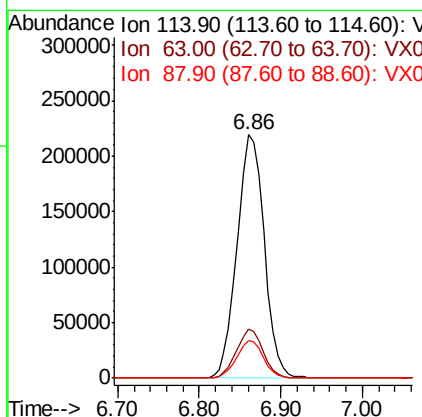
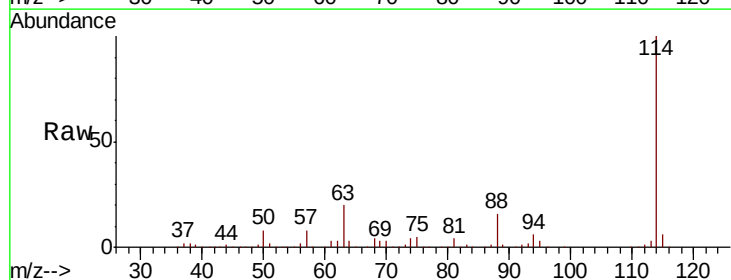
Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2018-5

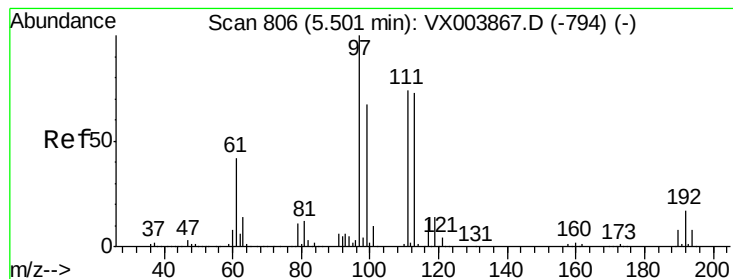
Tot Ion: 65 Resp: 220150
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003948.D
 Acq: 09 Aug 2018 14:10

Tgt Ion: 114 Resp: 507486
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.78 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003948.D

Acq: 09 Aug 2018 14:10

Instrument :

MSVOA_X

ClientSampleId :

FL-TB-2018-5

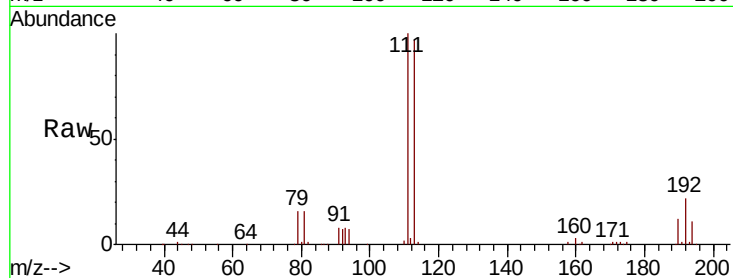
Tot Ion:113 Resp: 187524

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

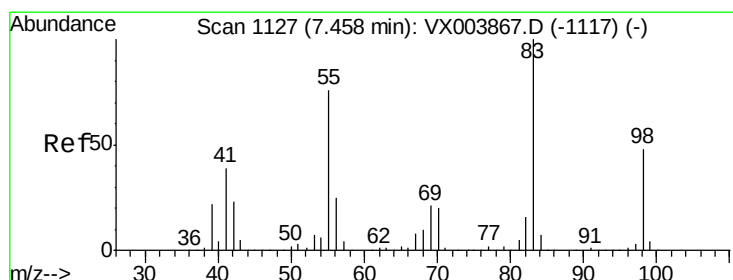
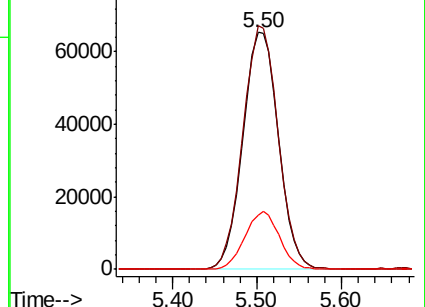
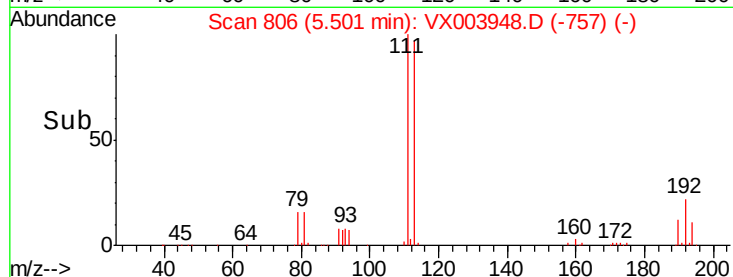
192 23.8 19.0 28.4



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



#39

Methylcyclohexane

Concen: 0.41 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. 0.00 min

Lab File: VX003948.D

Acq: 09 Aug 2018 14:10

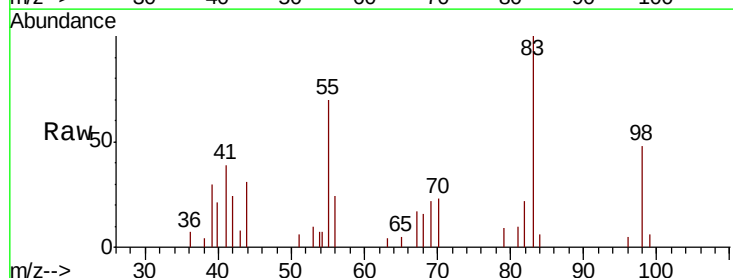
Tgt Ion: 83 Resp: 2741

Ion Ratio Lower Upper

83 100

55 69.9 61.0 91.6

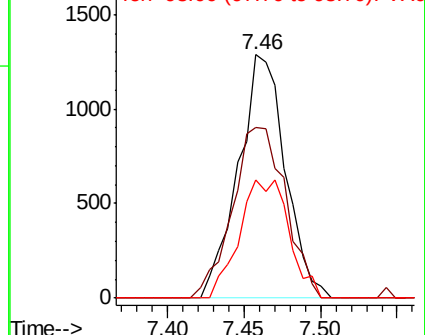
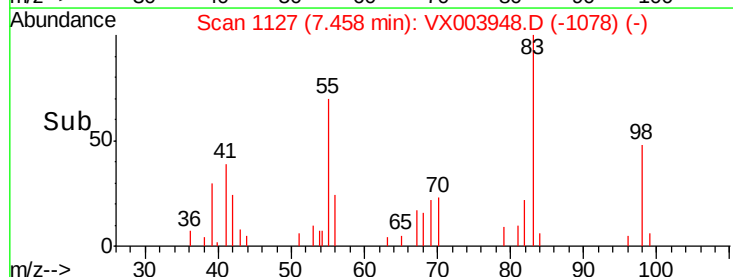
98 48.3 38.6 57.8

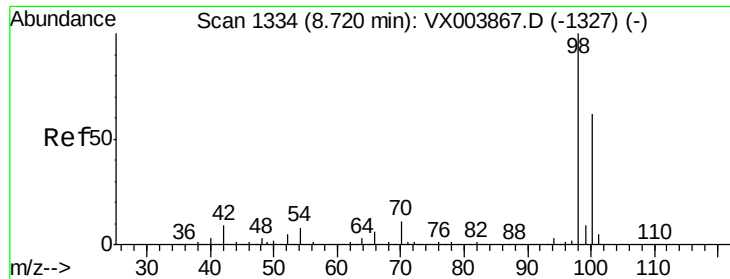


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 48.10 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003948.D

Acq: 09 Aug 2018 14:10

Instrument :

MSVOA_X

ClientSampled :

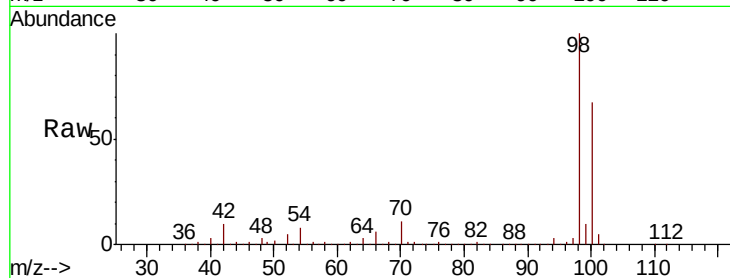
FL-TB-2018-5

Tot Ion: 98 Resp: 719072

Ion Ratio Lower Upper

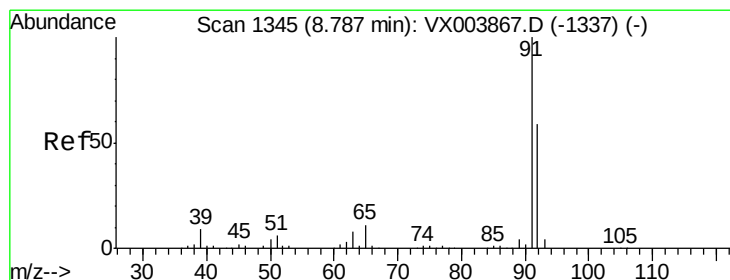
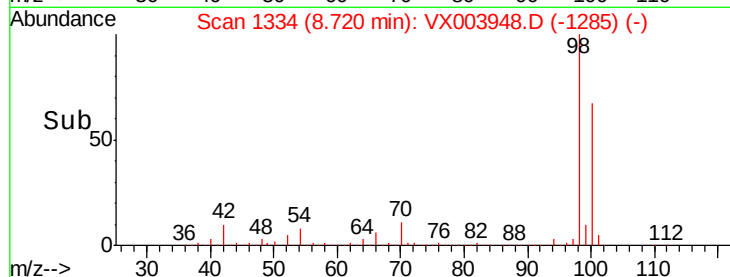
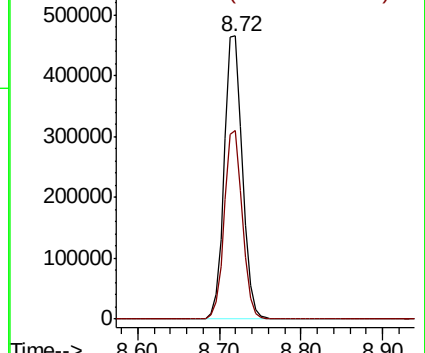
98 100

100 66.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#52

Toluene

Concen: 0.50 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003948.D

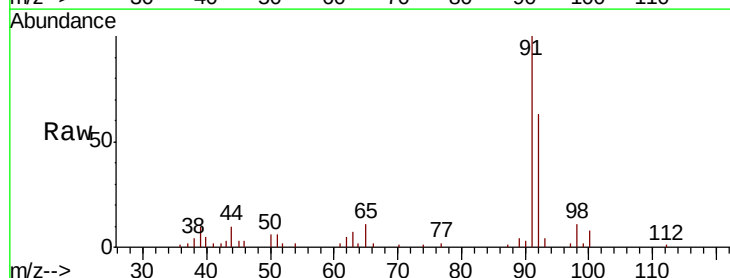
Acq: 09 Aug 2018 14:10

Tgt Ion: 92 Resp: 5345

Ion Ratio Lower Upper

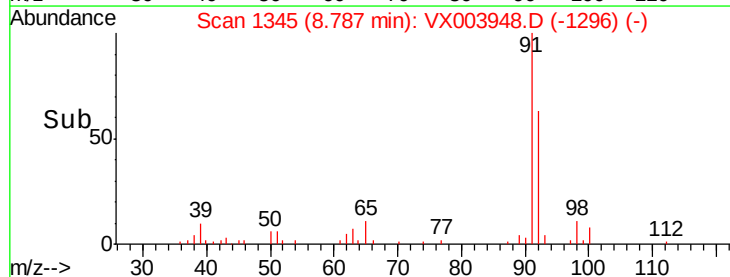
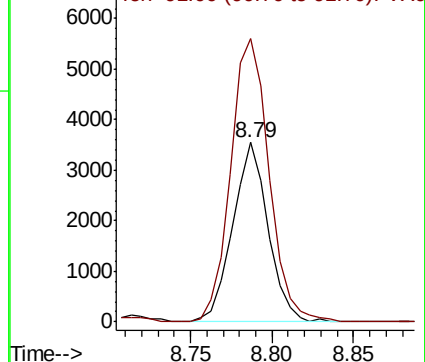
92 100

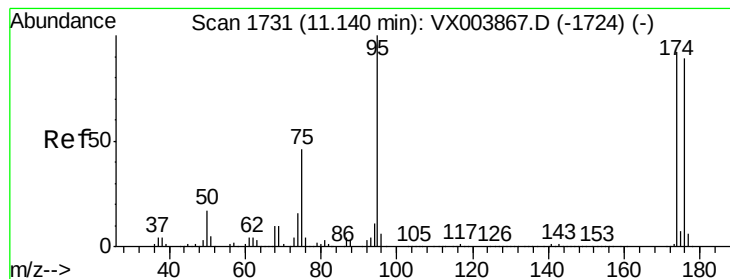
91 171.4 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003948.D

Acq: 09 Aug 2018 14:10

Instrument :

MSVOA_X

ClientSampled :

FL-TB-2018-5

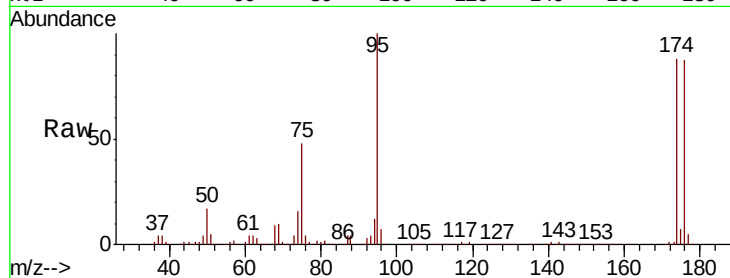
Tot Ion: 95 Resp: 260546

Ion Ratio Lower Upper

95 100

174 90.3 0.0 182.8

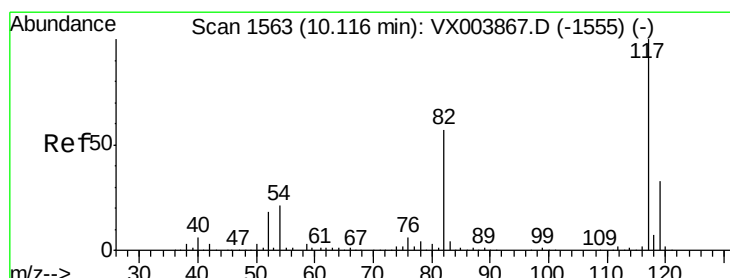
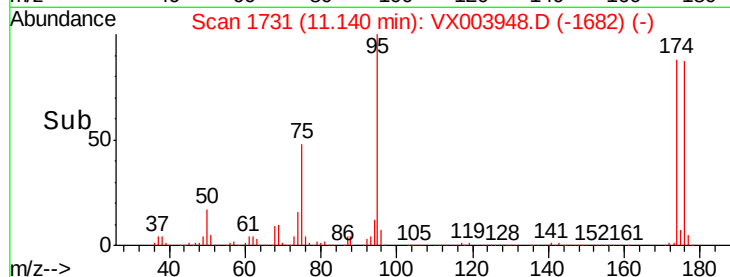
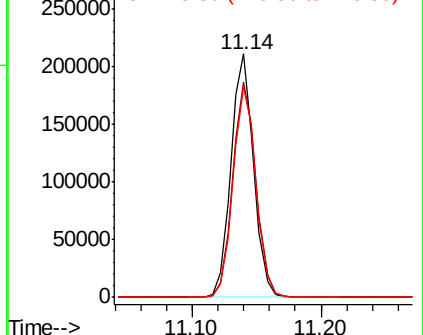
176 87.6 0.0 179.0



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: VX003948.D

Acq: 09 Aug 2018 14:10

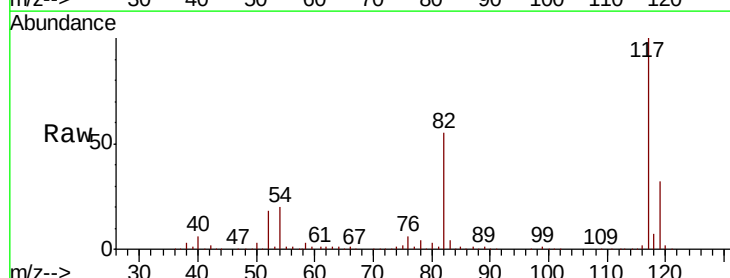
Tgt Ion: 117 Resp: 481850

Ion Ratio Lower Upper

117 100

82 55.1 45.4 68.0

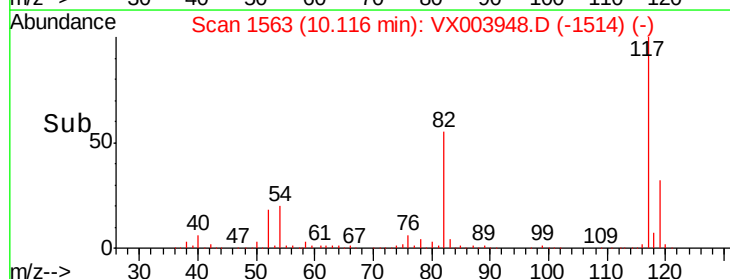
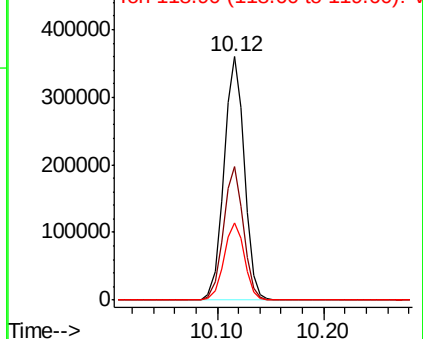
119 32.0 26.6 40.0

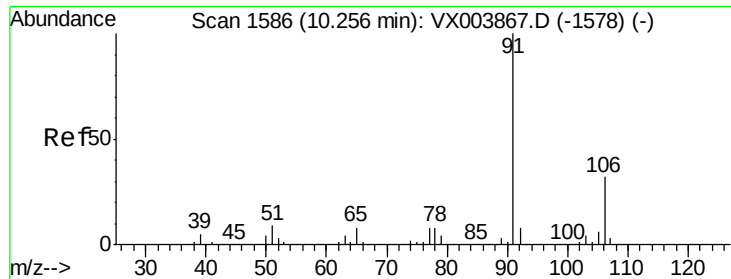


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

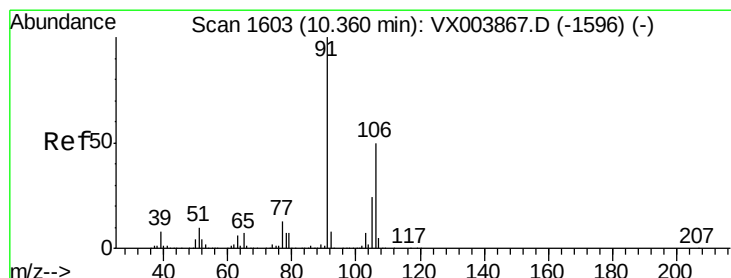
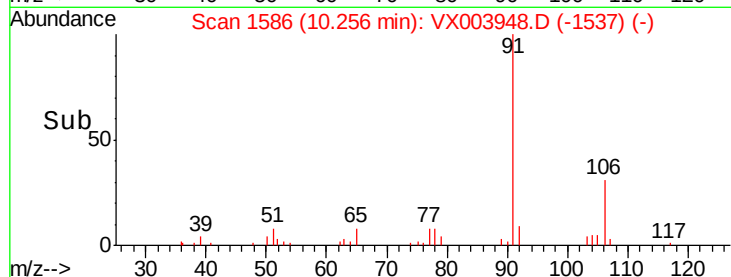
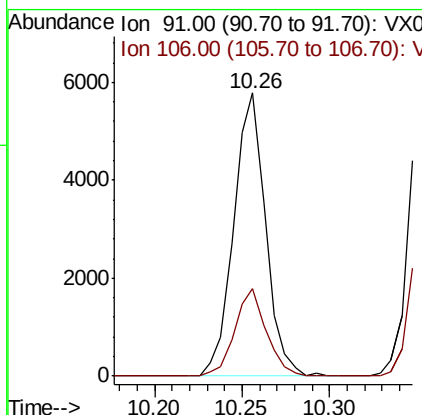
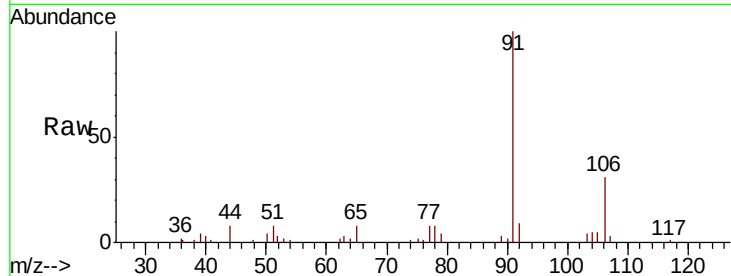




#67
Ethyl Benzene
Concen: 0.36 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003948.D
Acq: 09 Aug 2018 14:10

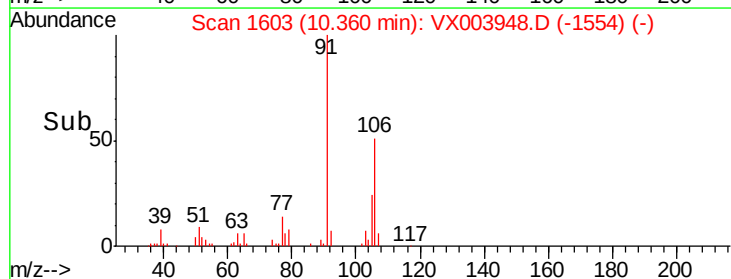
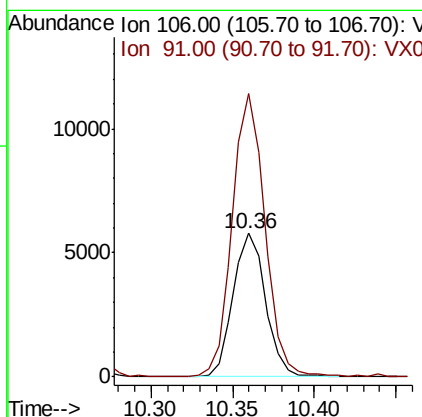
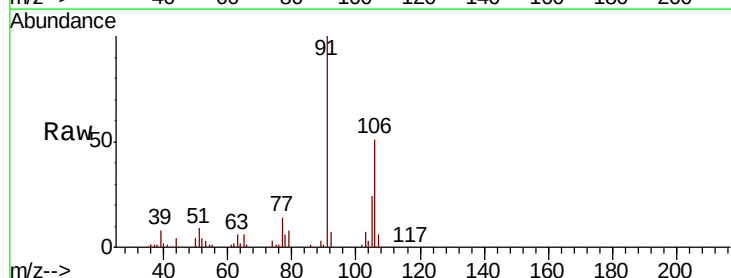
Instrument :
MSVOA_X
ClientSampled :
FL-TB-2018-5

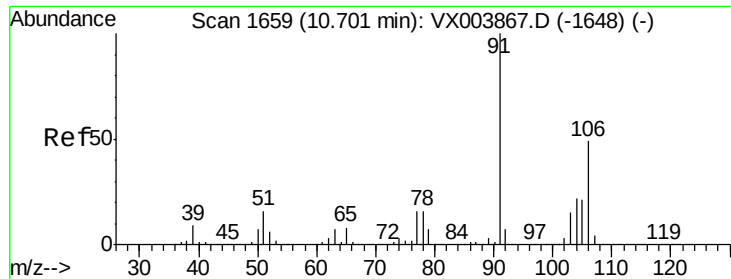
Tot Ion: 91 Resp: 7319
Ion Ratio Lower Upper
91 100
106 30.7 25.9 38.9



#68
m/p-Xylenes
Concen: 1.01 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003948.D
Acq: 09 Aug 2018 14:10

Tgt Ion: 106 Resp: 8081
Ion Ratio Lower Upper
106 100
91 197.1 162.3 243.5

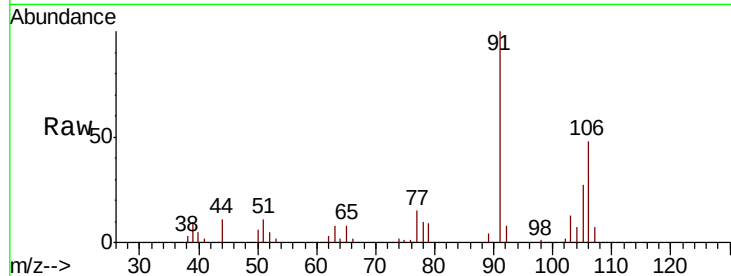




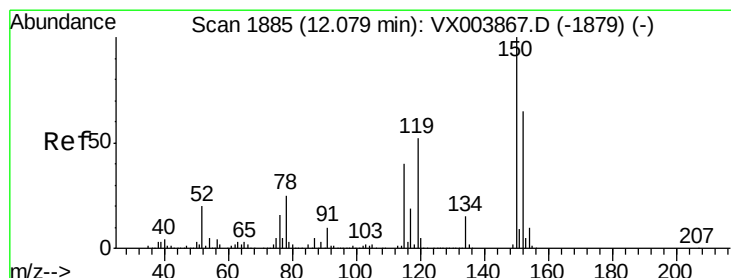
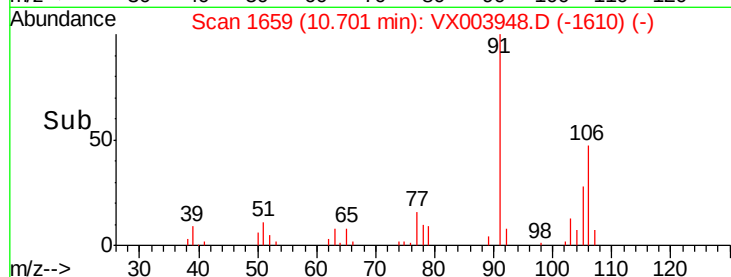
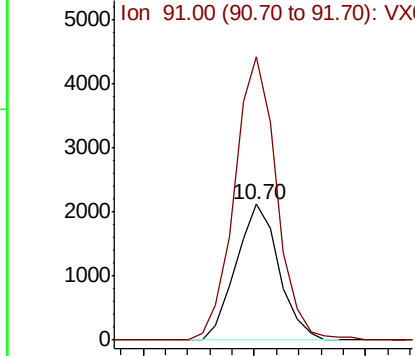
#69
o-Xylene
Concen: 0.38 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003948.D
Acq: 09 Aug 2018 14:10

Instrument :
MSVOA_X
ClientSampled :
FL-TB-2018-5

Tot Ion:106 Resp: 2848
Ion Ratio Lower Upper
106 100
91 204.9 101.9 305.7

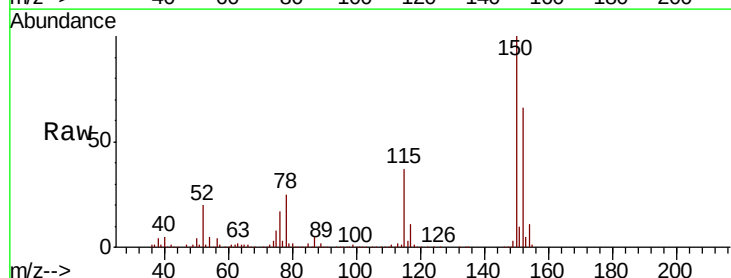


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

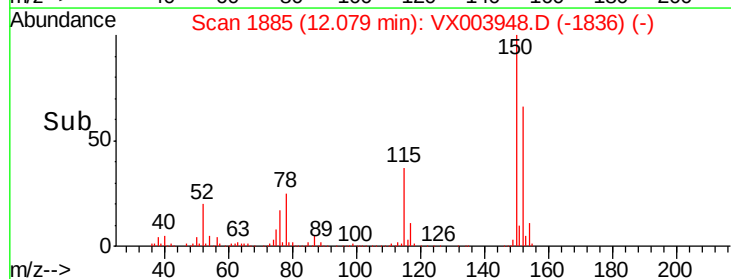
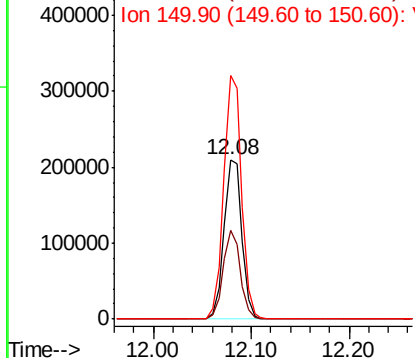


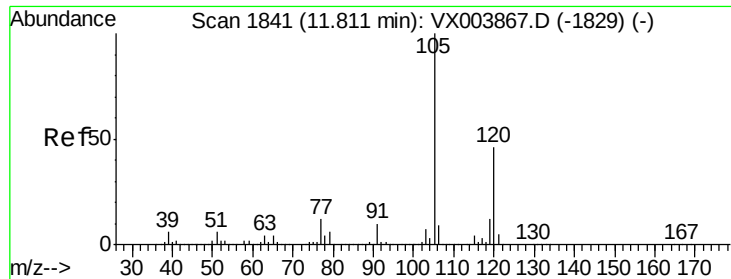
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003948.D
Acq: 09 Aug 2018 14:10

Tgt Ion:152 Resp: 265450
Ion Ratio Lower Upper
152 100
115 53.4 39.1 117.3
150 151.7 0.0 349.2



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





#84
 1,2,4-Trimethylbenzene
 Concen: 0.37 ug/l
 RT: 11.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX003948.D
 Acq: 09 Aug 2018 14:10

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2018-5

Tot Ion:105 Resp: 5881
 Ion Ratio Lower Upper
 105 100
 120 40.7 23.1 69.2

