

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
 Data File : VX002401.D
 Acq On : 08 Jun 2018 14:57
 Operator : JC/MD
 Sample : J3340-07DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF5-FB-2018-1DL

Quant Time: Jun 09 02:22:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

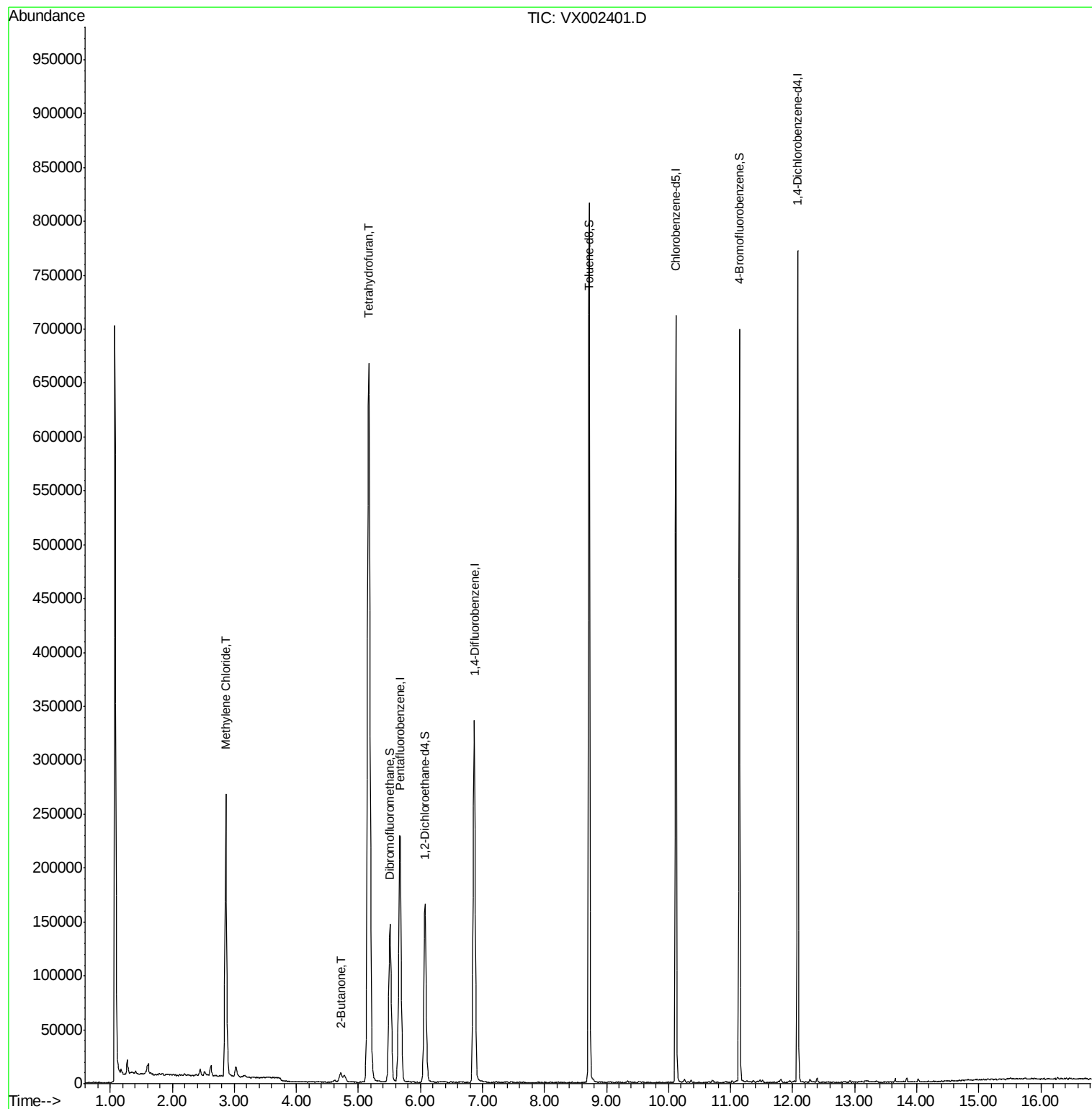
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330507	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	163107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155637	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
35) Dibromofluoromethane	5.51	113	120015	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
50) Toluene-d8	8.72	98	470856	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
62) 4-Bromofluorobenzene	11.14	95	160577	41.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.60%	
Target Compounds						
20) Methylene Chloride	2.86	84	117473	44.89	ug/l	97
25) 2-Butanone	4.71	43	17289	7.67	ug/l	99
29) Tetrahydrofuran	5.17	42	616644	424.14	ug/l	99

(#) = 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
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002401.D

Acq: 08 Jun 2018 14:57

Instrument :

MSVOA_X

ClientSampleId :

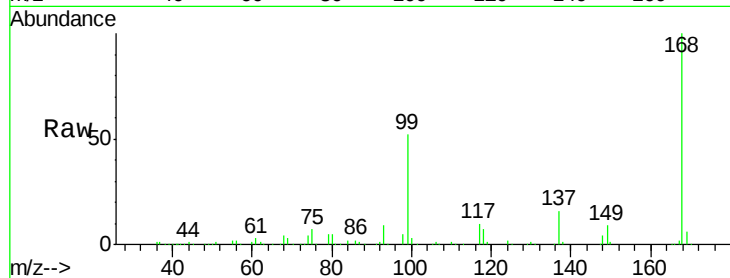
LF5-FB-2018-1DL

Tgt Ion:168 Resp: 229985

Ion Ratio Lower Upper

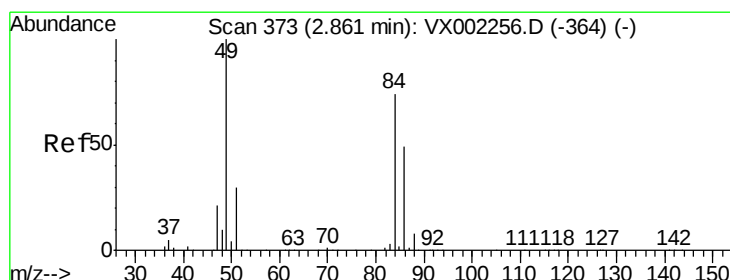
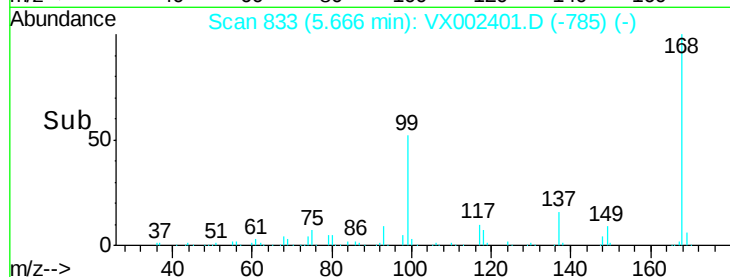
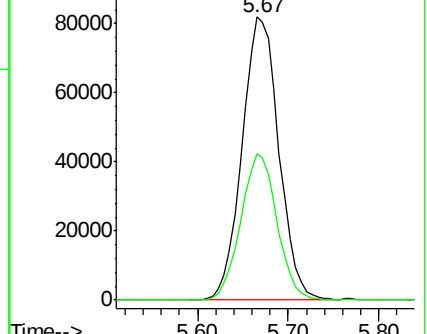
168 100

99 51.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 44.89 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002401.D

Acq: 08 Jun 2018 14:57

Tgt Ion: 84 Resp: 117473

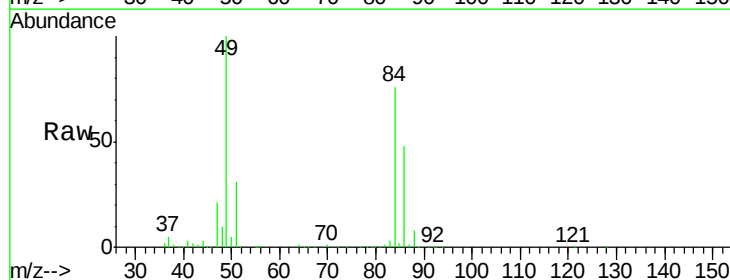
Ion Ratio Lower Upper

84 100

49 131.2 107.8 161.6

51 40.0 32.8 49.2

86 63.5 52.5 78.7

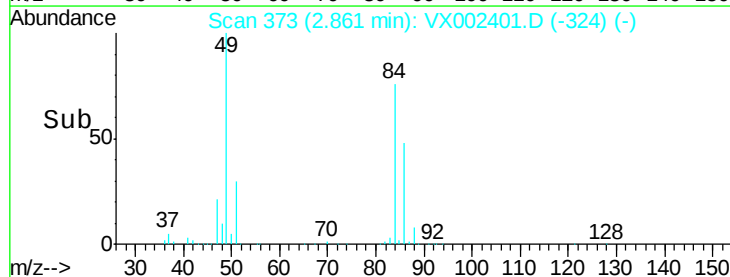
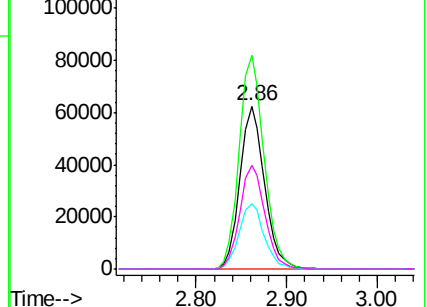


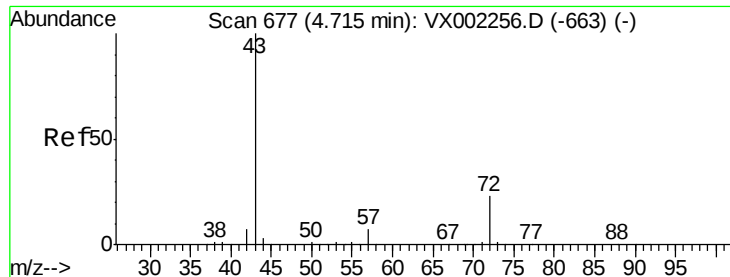
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#25

2-Butanone

Concen: 7.67 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002401.D

Acq: 08 Jun 2018 14:57

Instrument :

MSVOA_X

ClientSampleId :

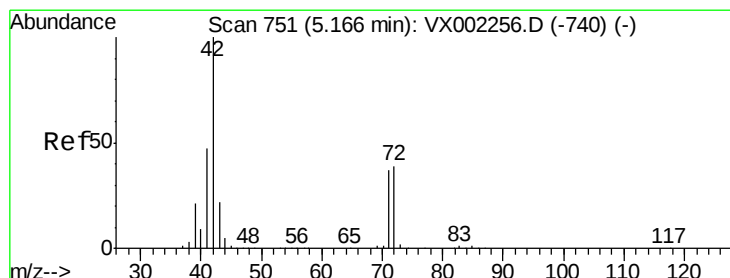
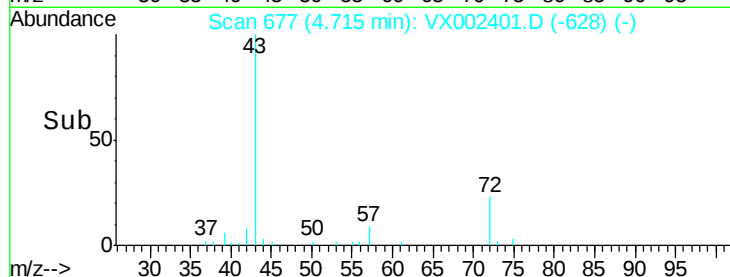
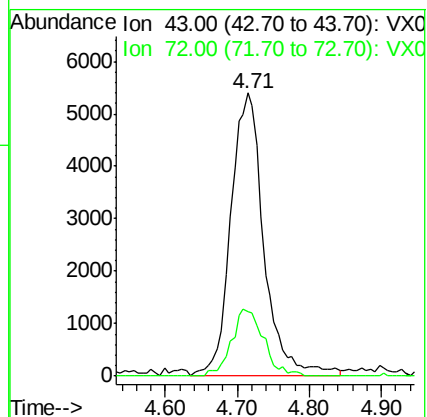
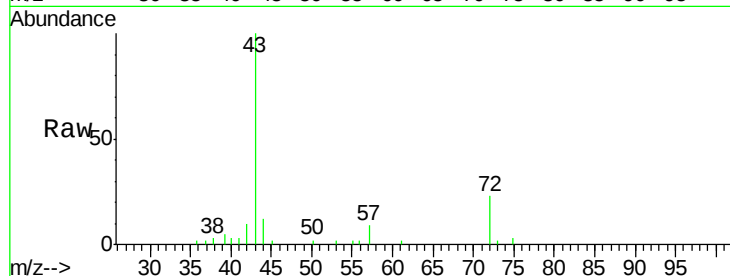
LF5-FB-2018-1DL

Tgt Ion: 43 Resp: 17289

Ion Ratio Lower Upper

43 100

72 22.6 18.5 27.7



#29

Tetrahydrofuran

Concen: 424.14 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002401.D

Acq: 08 Jun 2018 14:57

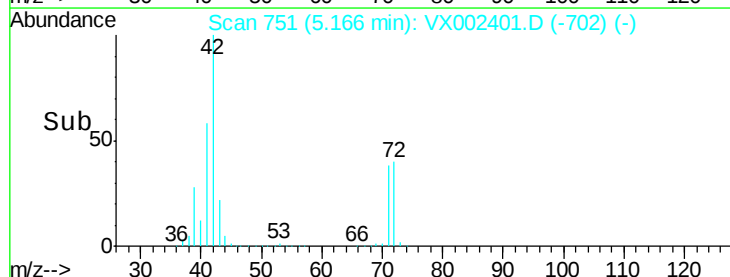
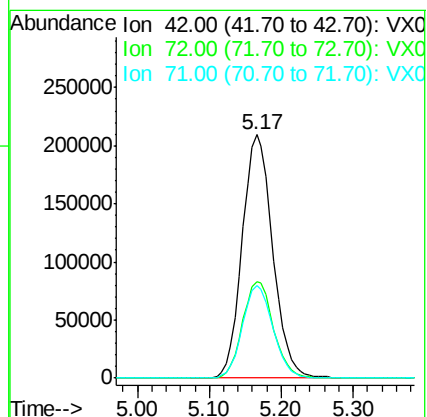
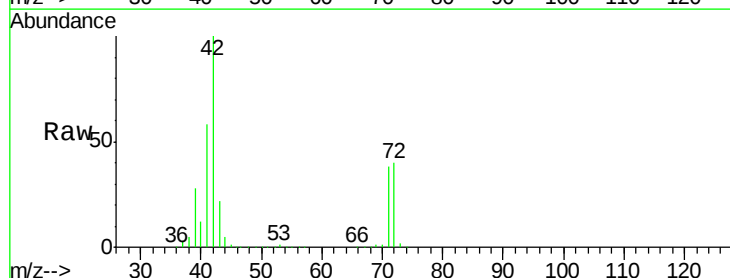
Tgt Ion: 42 Resp: 616644

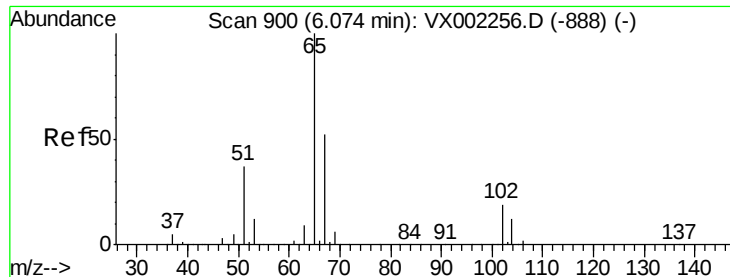
Ion Ratio Lower Upper

42 100

72 40.2 32.0 48.0

71 38.1 30.1 45.1

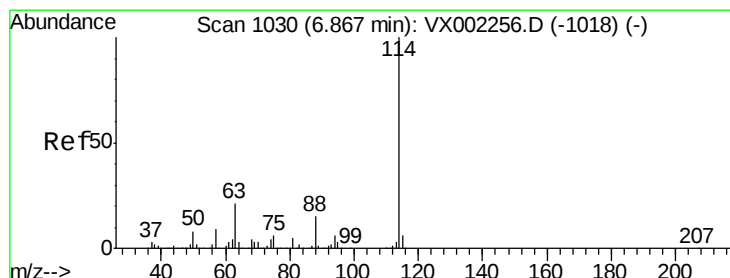
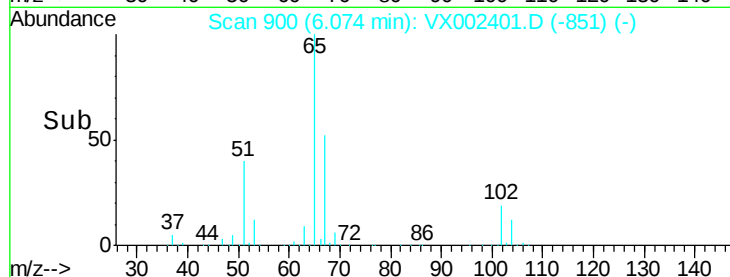
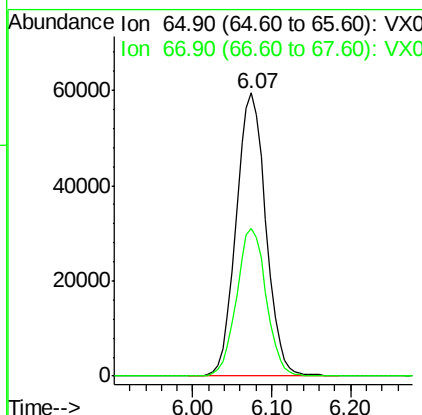
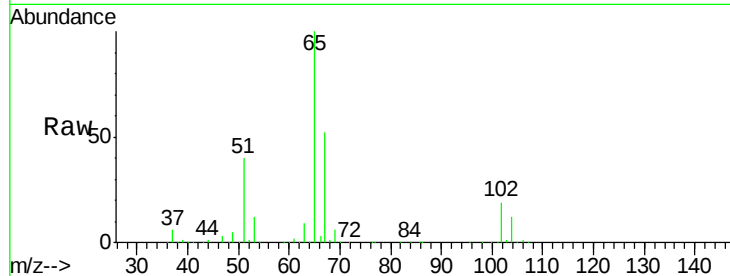




#33
 1,2-Dichloroethane-d4
 Concen: 47.12 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002401.D
 Acq: 08 Jun 2018 14:57

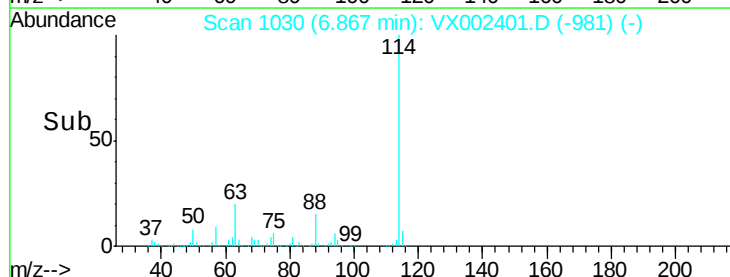
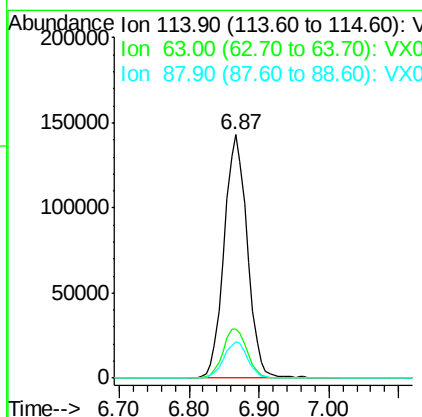
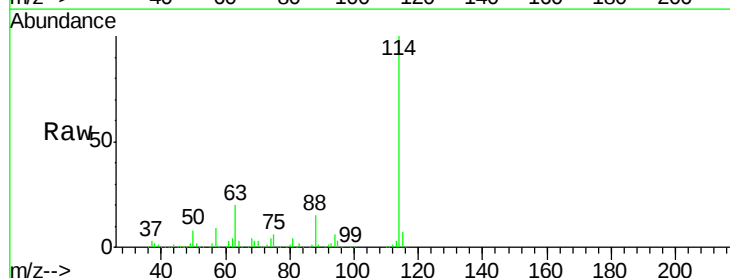
Instrument :
 MSVOA_X
 ClientSampleId :
 LF5-FB-2018-1DL

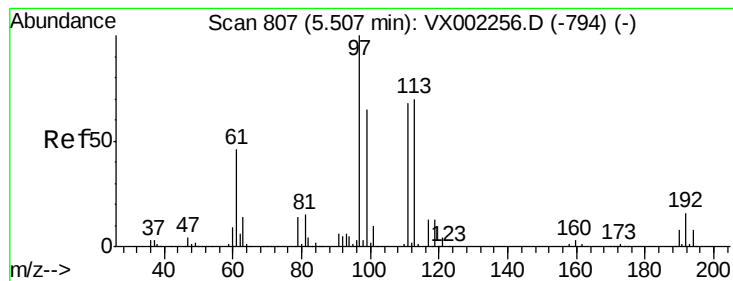
Tgt Ion: 65 Resp: 155637
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002401.D
 Acq: 08 Jun 2018 14:57

Tgt Ion: 114 Resp: 330507
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.18 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002401.D

Acq: 08 Jun 2018 14:57

Instrument :

MSVOA_X

ClientSampleId :

LF5-FB-2018-1DL

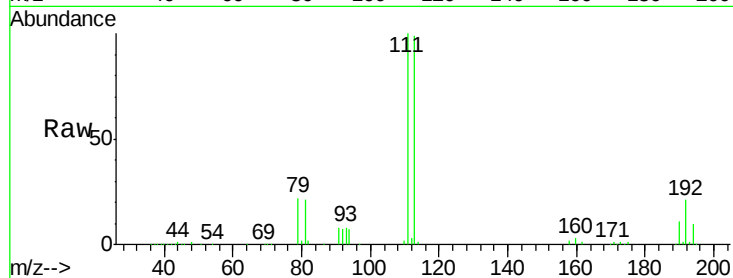
Tgt Ion:113 Resp: 120015

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

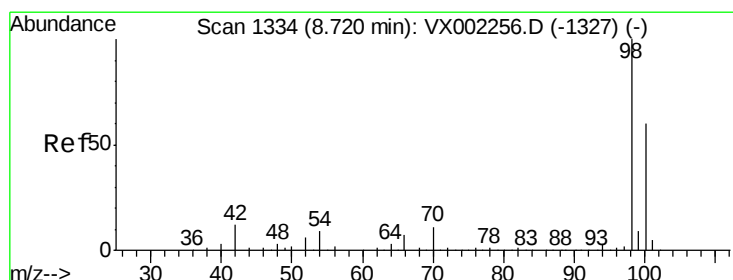
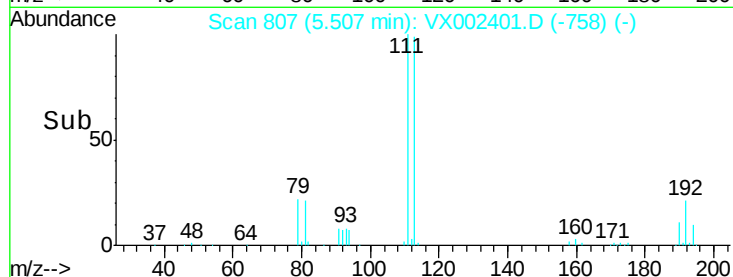
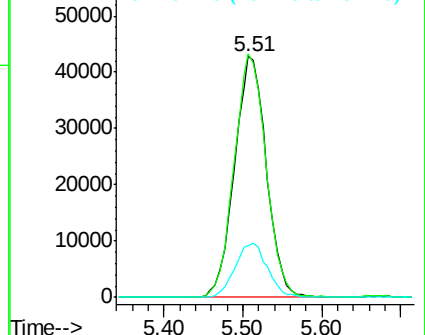
192 22.9 19.1 28.7



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: 47.26 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002401.D

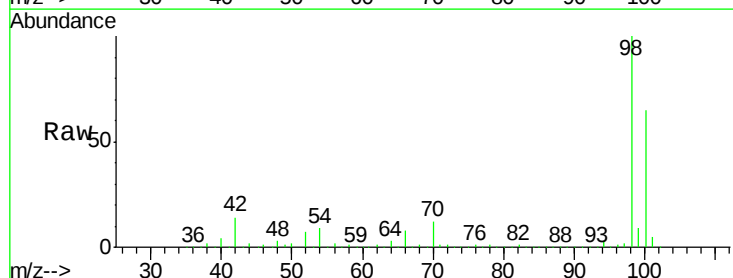
Acq: 08 Jun 2018 14:57

Tgt Ion: 98 Resp: 470856

Ion Ratio Lower Upper

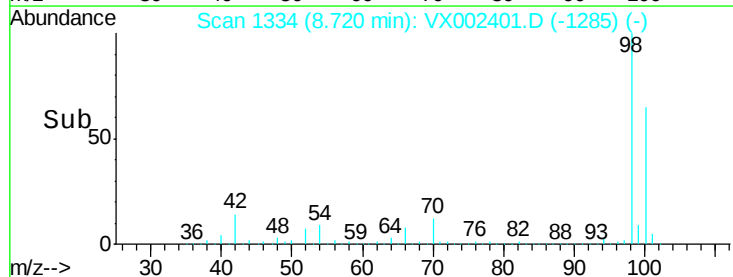
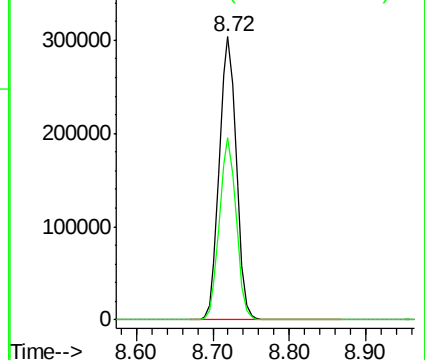
98 100

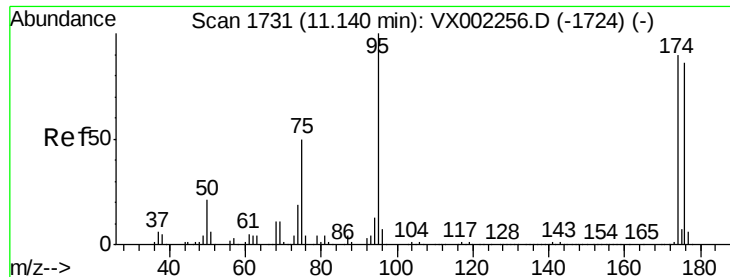
100 63.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

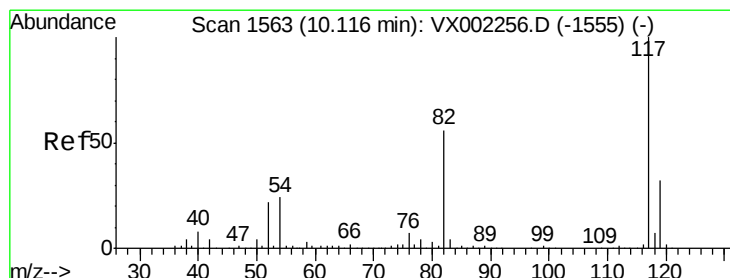
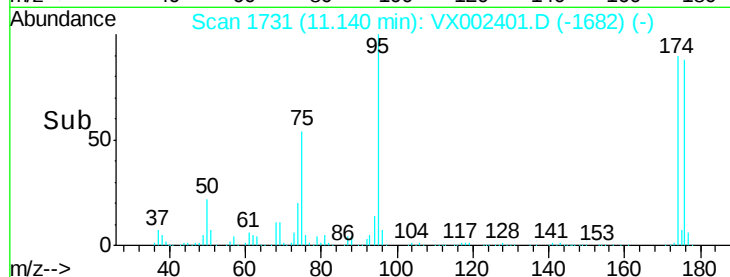
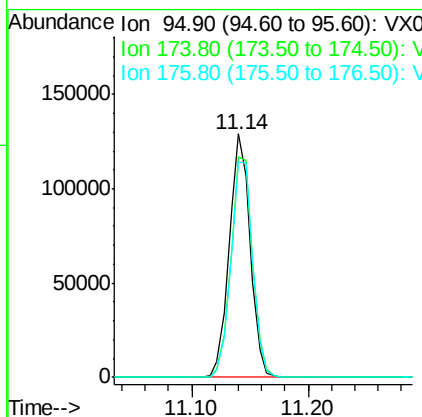
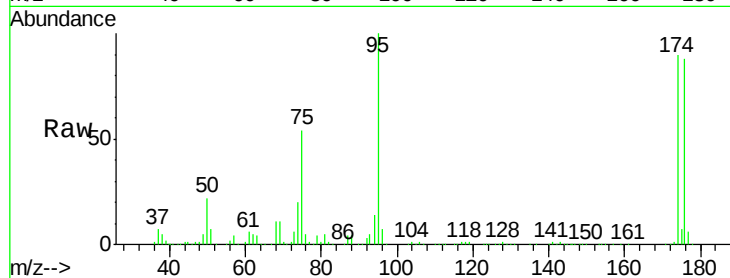




#62
4-Bromofluorobenzene
Concen: 41.80 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002401.D
Acq: 08 Jun 2018 14:57

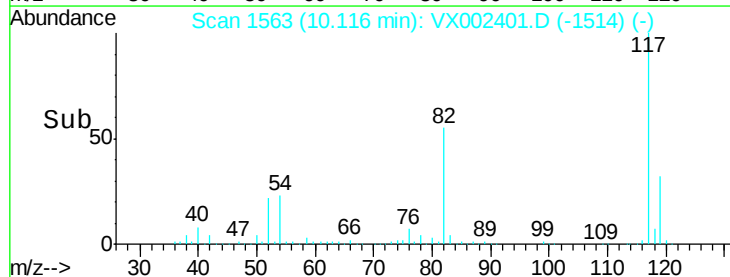
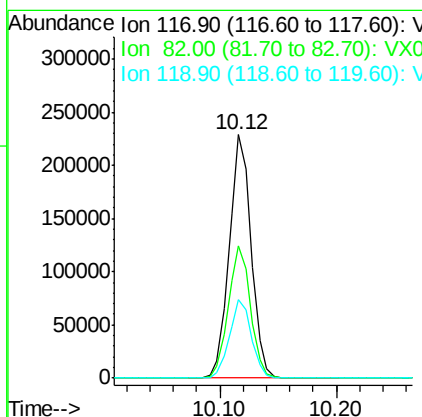
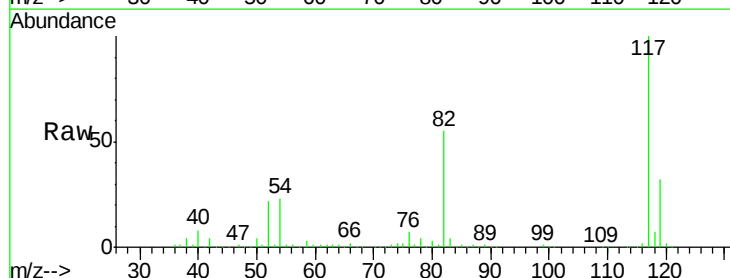
Instrument :
MSVOA_X
ClientSampled :
LF5-FB-2018-1DL

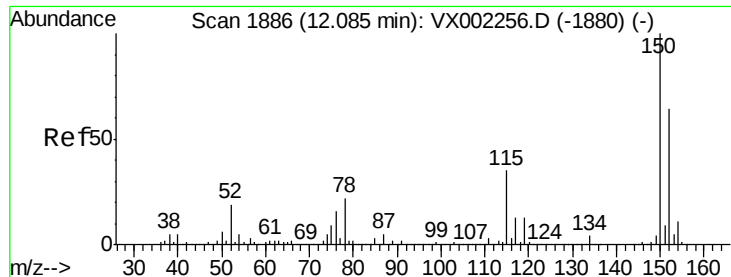
Tgt Ion: 95 Resp: 160577
Ion Ratio Lower Upper
95 100
174 94.7 0.0 187.4
176 92.7 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002401.D
Acq: 08 Jun 2018 14:57

Tgt Ion: 117 Resp: 298518
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 32.2 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002401.D
 Acq: 08 Jun 2018 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 LF5-FB-2018-1DL

Tgt Ion:152 Resp: 163107
 Ion Ratio Lower Upper
 152 100
 115 55.5 40.1 120.2
 150 155.9 0.0 347.2

