

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
 Data File : VX006097.D
 Acq On : 19 Nov 2018 17:54
 Operator : JC/MD
 Sample : J5964-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LR-RBR-200029

Quant Time: Nov 20 00:50:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

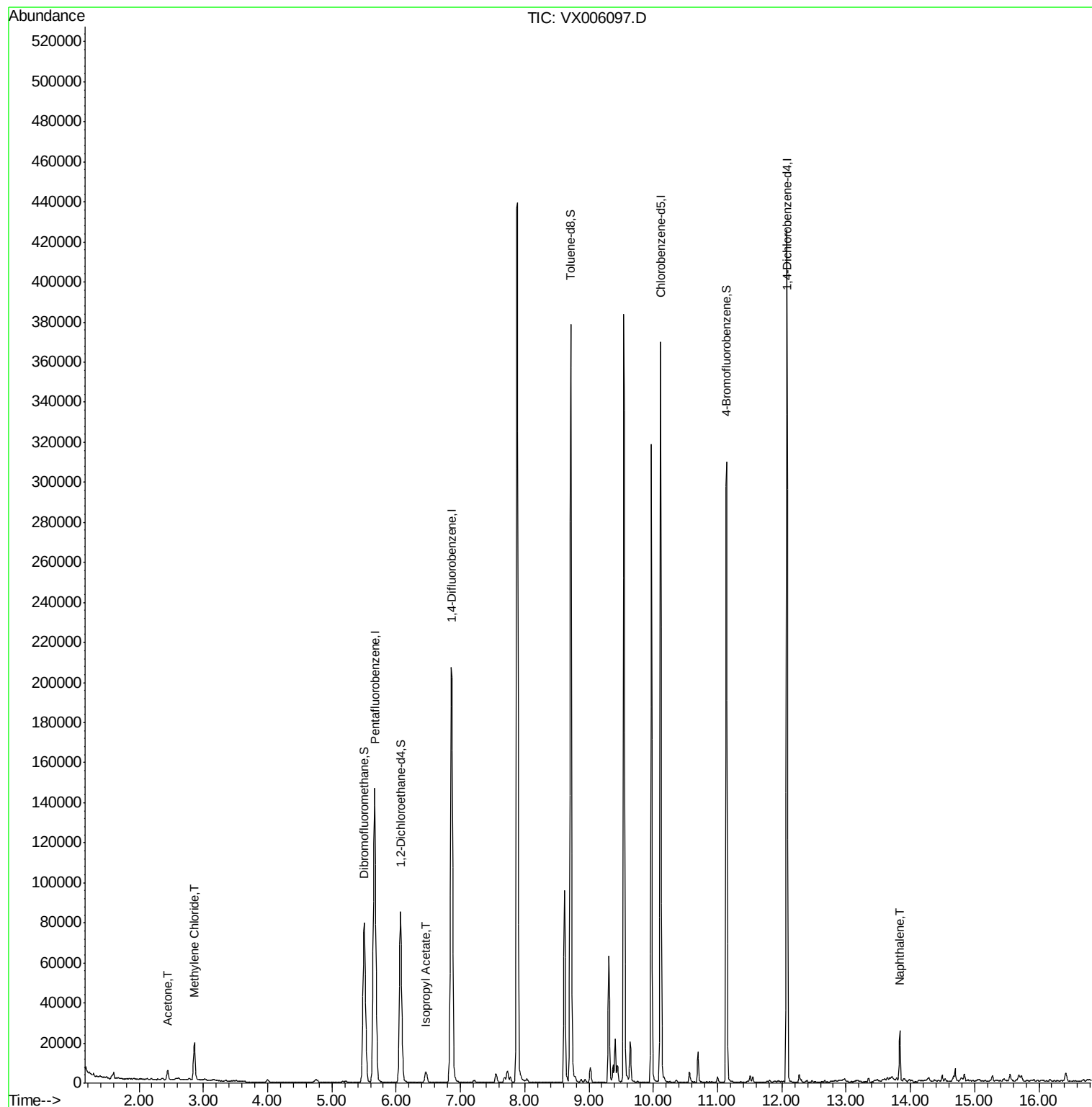
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	150509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	215769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	88285	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	80988	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
35) Dibromofluoromethane	5.50	113	68995	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
50) Toluene-d8	8.71	98	233585	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	11.14	95	82260	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
Target Compounds						
16) Acetone	2.45	43	5176	5.56	ug/l	93
20) Methylene Chloride	2.86	84	7754	5.07	ug/l	94
43) Isopropyl Acetate	6.46	43	7538	1.90	ug/l	98
95) Naphthalene	13.83	128	15503	3.56	ug/l	99

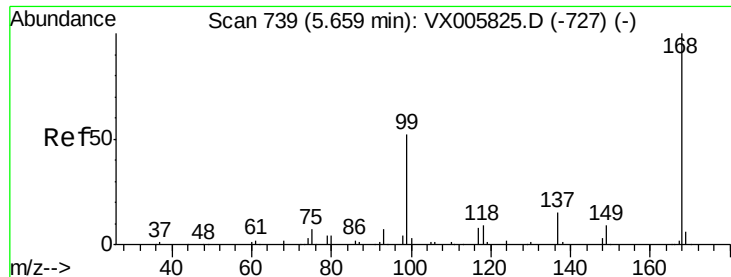
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006097.D

Acq: 19 Nov 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

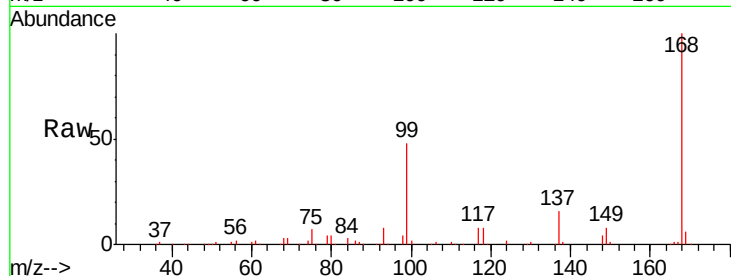
LR-RBR-200029

Tgt Ion:168 Resp: 150509

Ion Ratio Lower Upper

168 100

99 47.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

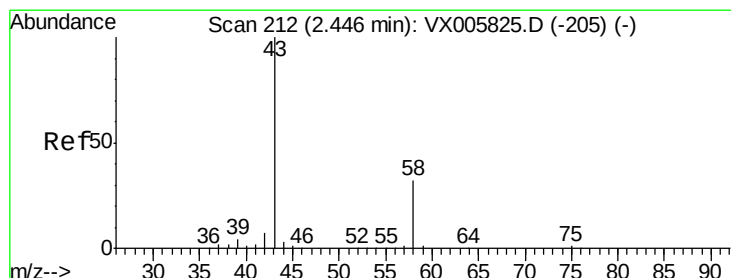
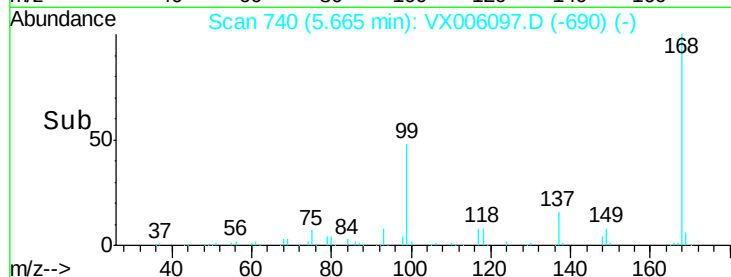
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 5.56 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006097.D

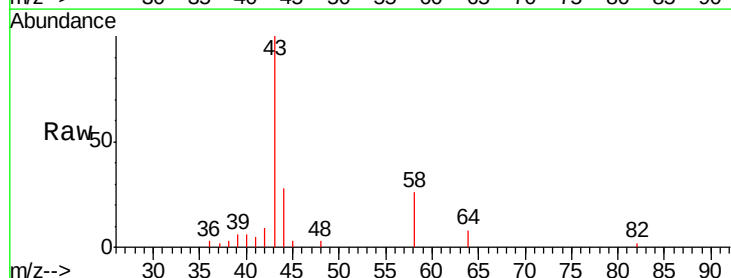
Acq: 19 Nov 2018 17:54

Tgt Ion: 43 Resp: 5176

Ion Ratio Lower Upper

43 100

58 26.1 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

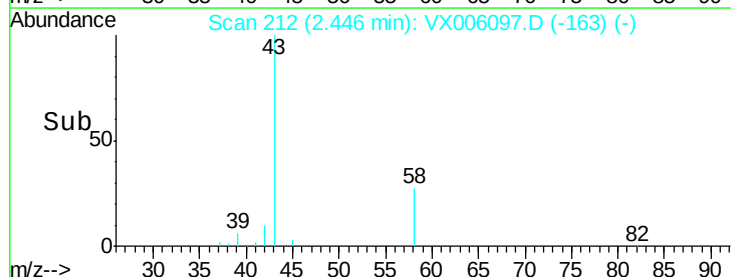
3000

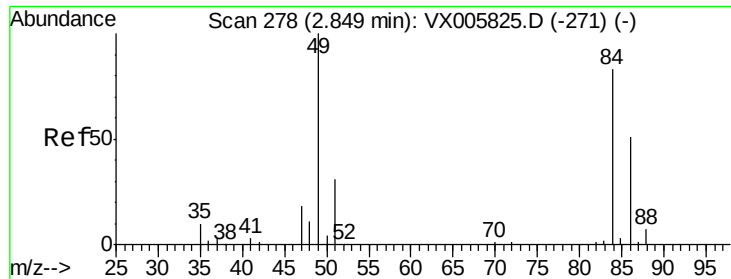
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 5.07 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX006097.D

Acq: 19 Nov 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

LR-RBR-200029

Tgt Ion: 84 Resp: 7754

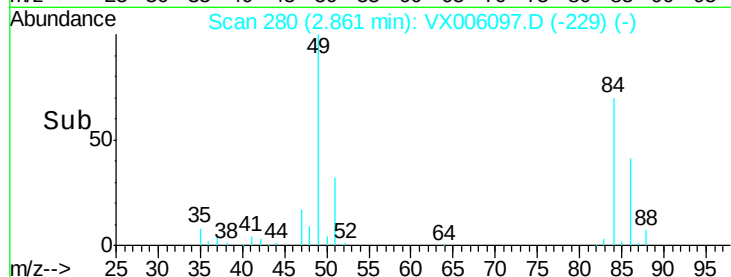
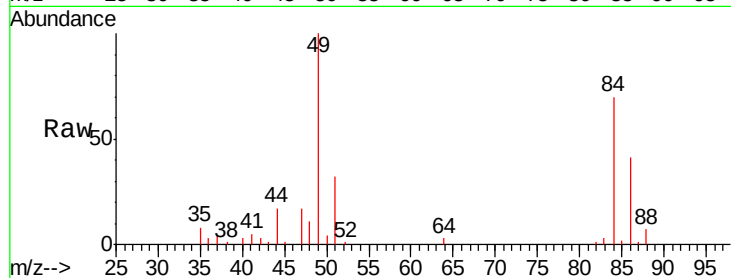
Ion Ratio Lower Upper

84 100

49 142.5 109.5 164.3

51 46.0 33.3 49.9

86 58.8 52.7 79.1

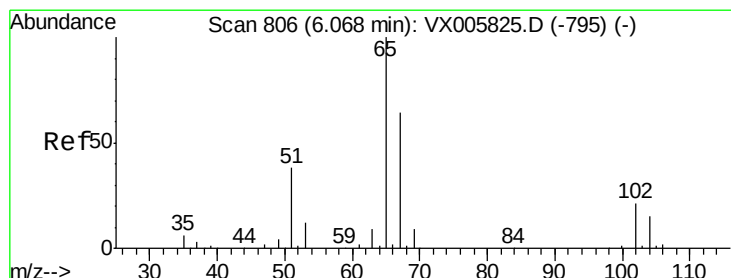
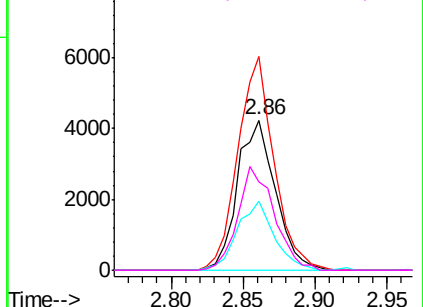


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 46.81 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006097.D

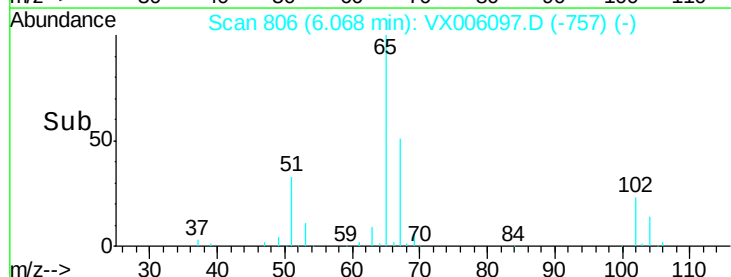
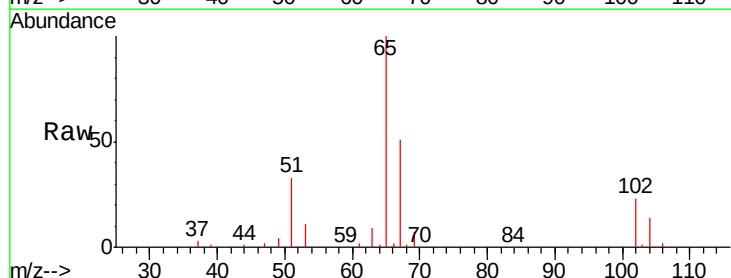
Acq: 19 Nov 2018 17:54

Tgt Ion: 65 Resp: 80988

Ion Ratio Lower Upper

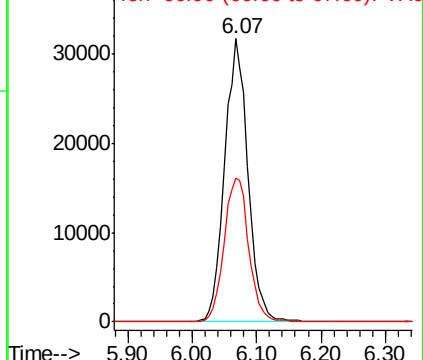
65 100

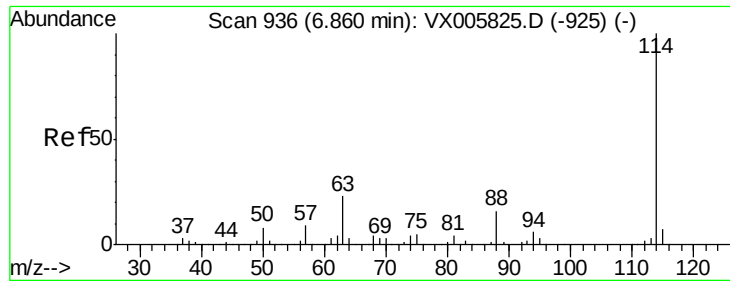
67 53.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

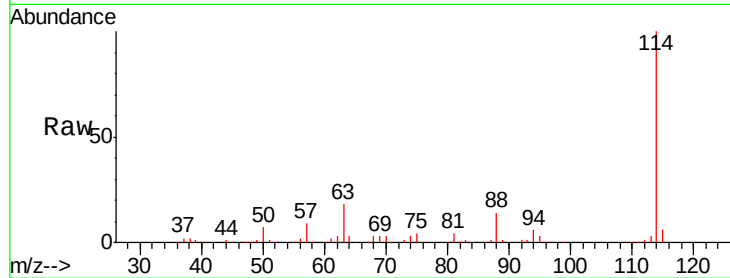




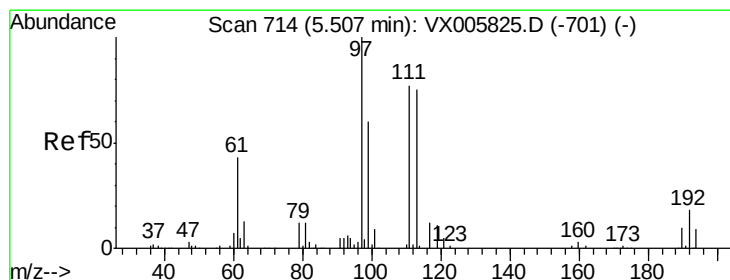
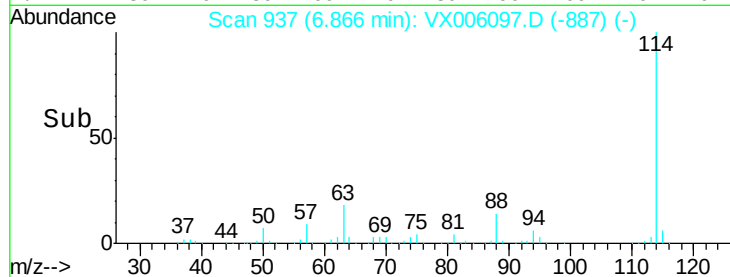
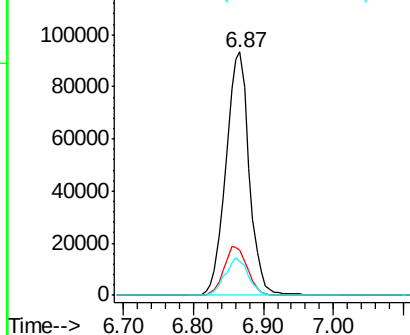
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX006097.D
 Acq: 19 Nov 2018 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 LR-RBR-200029

Tgt Ion:114 Resp: 215769
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 42.8
 88 13.6 0.0 31.2

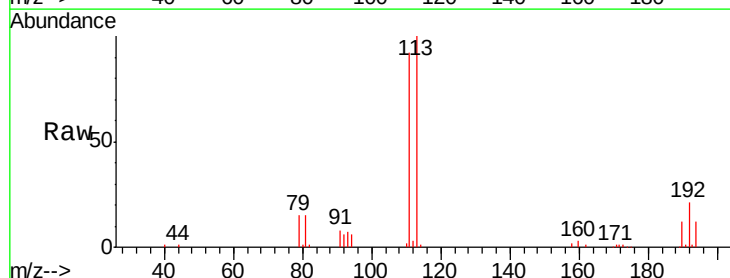


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

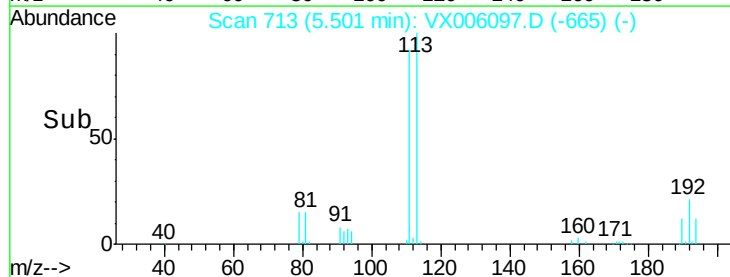
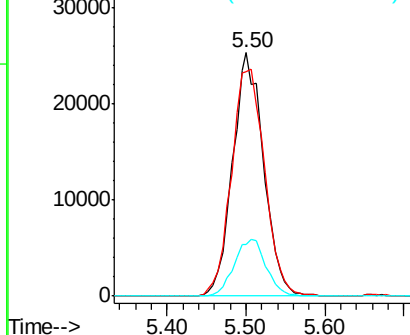


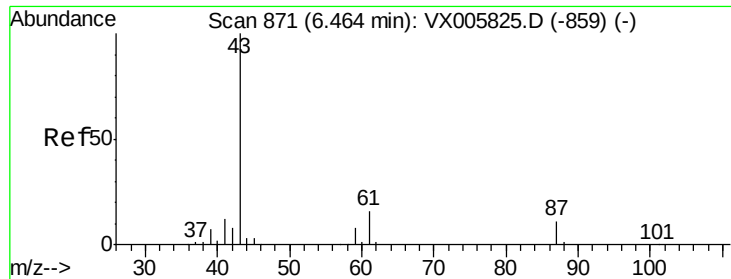
#35
 Dibromofluoromethane
 Concen: 47.01 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX006097.D
 Acq: 19 Nov 2018 17:54

Tgt Ion:113 Resp: 68995
 Ion Ratio Lower Upper
 113 100
 111 100.5 82.3 123.5
 192 23.9 17.9 26.9



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: 1.90 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX006097.D

Acq: 19 Nov 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

LR-RBR-200029

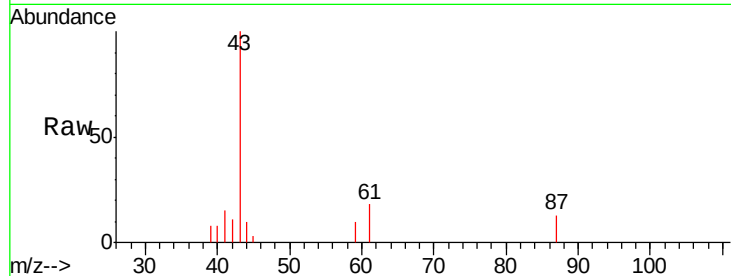
Tgt Ion: 43 Resp: 7538

Ion Ratio Lower Upper

43 100

61 18.9 14.6 22.0

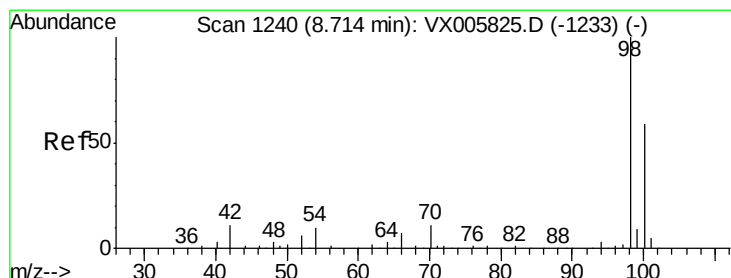
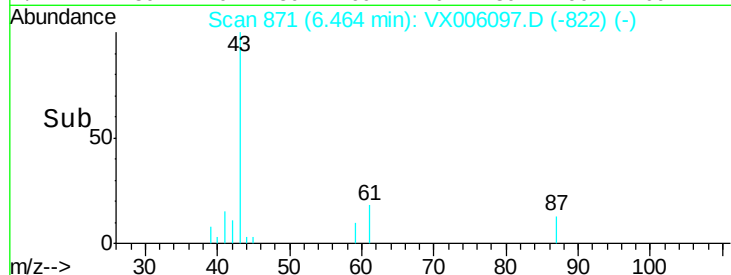
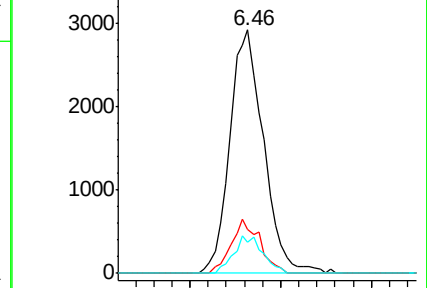
87 13.1 9.6 14.4



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: 47.88 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006097.D

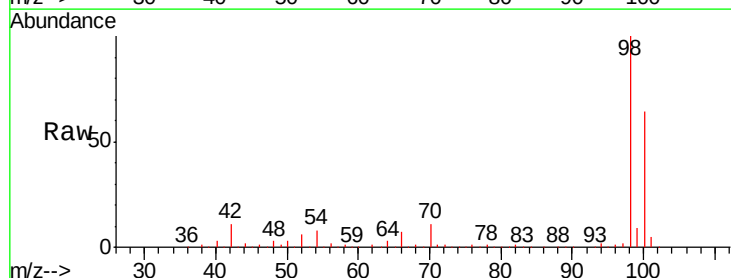
Acq: 19 Nov 2018 17:54

Tgt Ion: 98 Resp: 233585

Ion Ratio Lower Upper

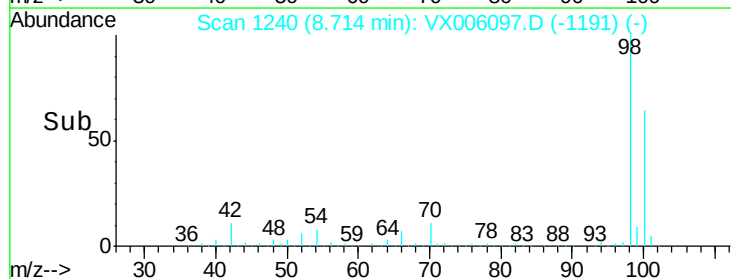
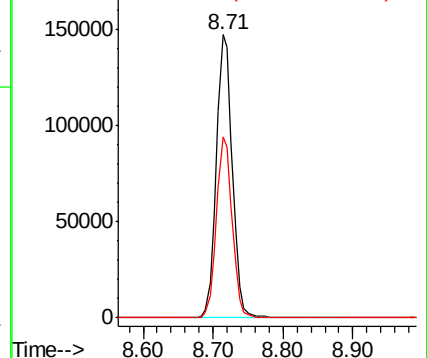
98 100

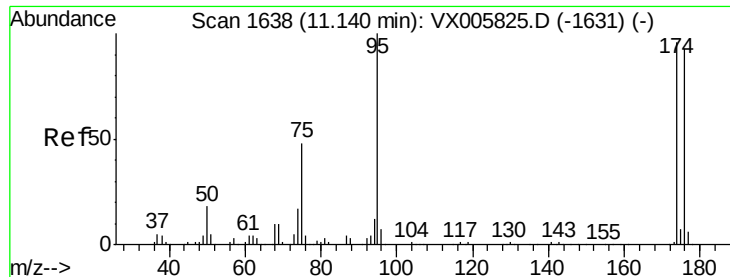
100 63.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

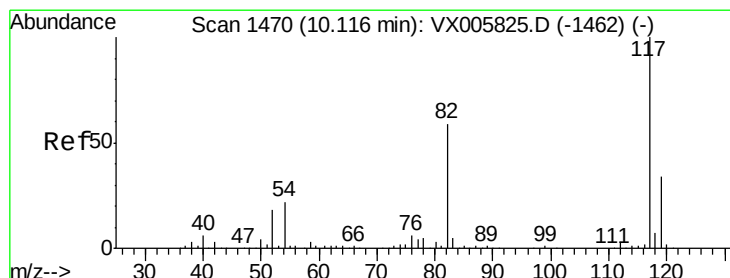
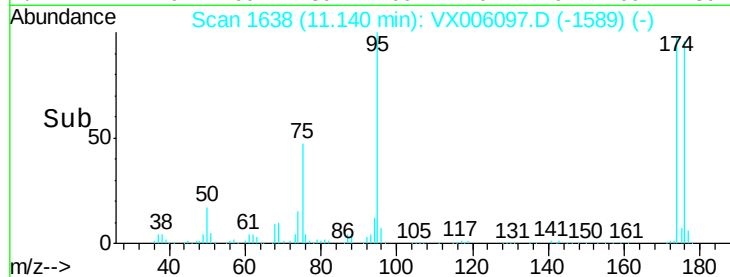
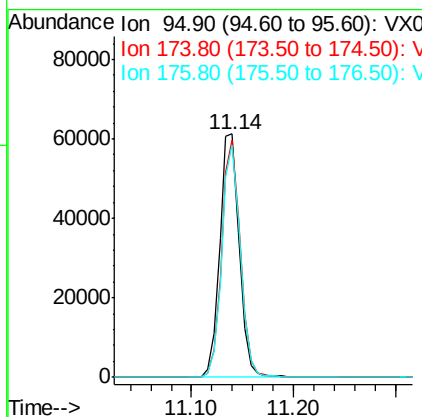
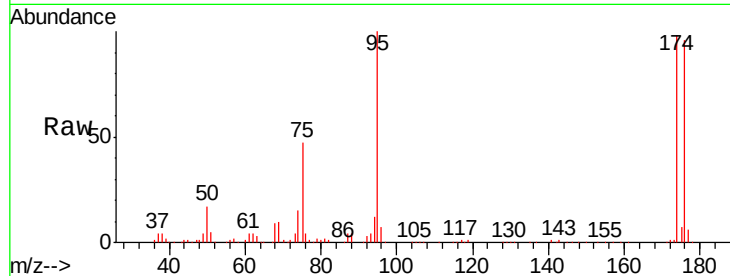




#62
4-Bromofluorobenzene
Concen: 46.89 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006097.D
Acq: 19 Nov 2018 17:54

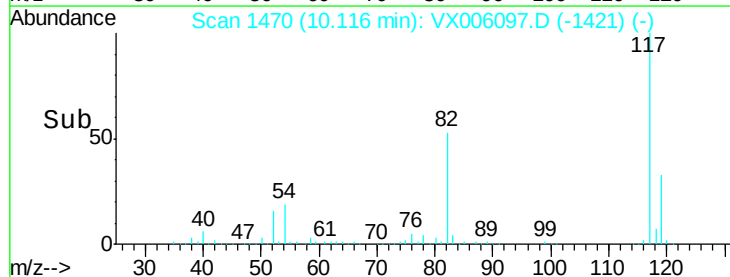
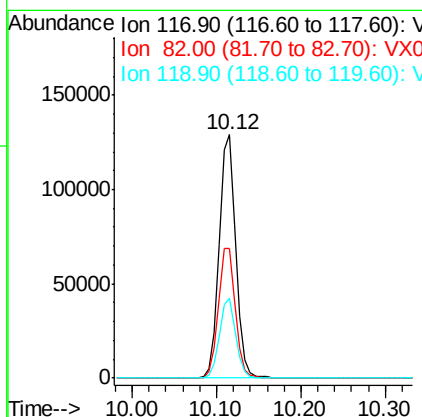
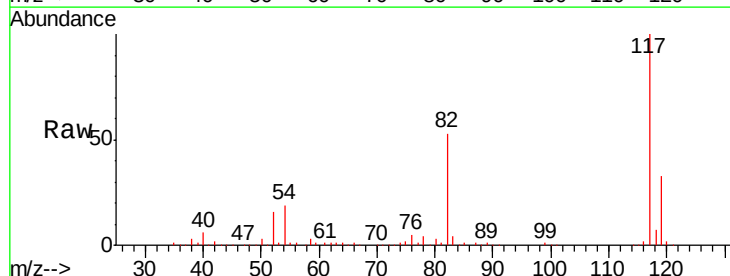
Instrument :
MSVOA_X
ClientSampleId :
LR-RBR-200029

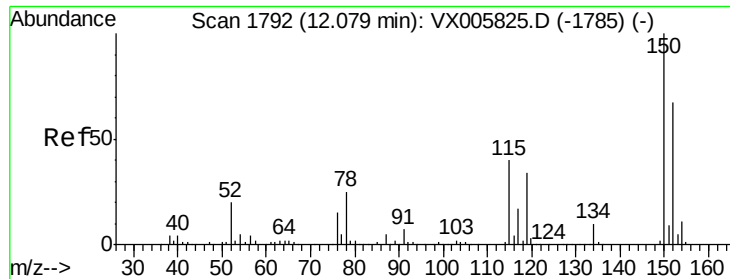
Tgt Ion: 95 Resp: 82260
Ion Ratio Lower Upper
95 100
174 92.5 0.0 184.4
176 90.3 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006097.D
Acq: 19 Nov 2018 17:54

Tgt Ion: 117 Resp: 176763
Ion Ratio Lower Upper
117 100
82 53.1 44.1 66.1
119 32.6 26.2 39.2

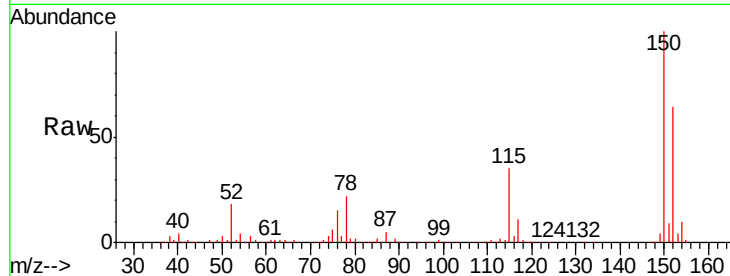




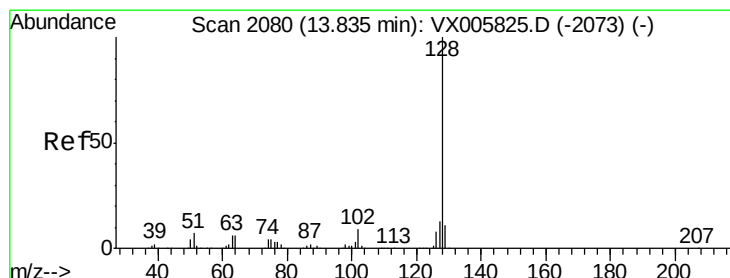
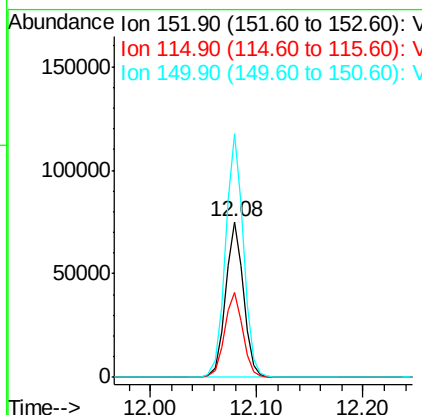
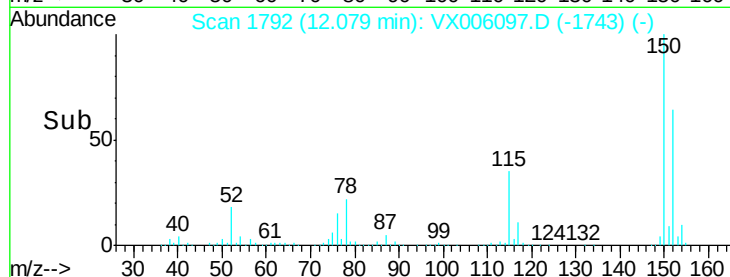
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX006097.D
 Acq: 19 Nov 2018 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 LR-RBR-200029

Tgt Ion:152 Resp: 88285
 Ion Ratio Lower Upper
 152 100
 115 55.5 39.4 118.1
 150 156.9 0.0 346.4

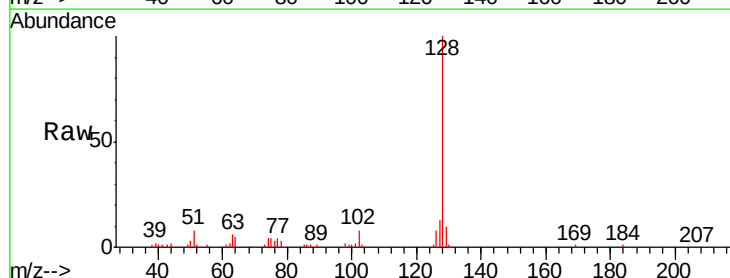


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#95
 Naphthalene
 Concen: 3.56 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX006097.D
 Acq: 19 Nov 2018 17:54

Tgt Ion:128 Resp: 15503
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.4 15.6
 129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

