

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042319\
 Data File : VX009123.D
 Acq On : 23 Apr 2019 16:03
 Operator : JC/SP
 Sample : K2535-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-ER-2019-1

Quant Time: Apr 24 05:34:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

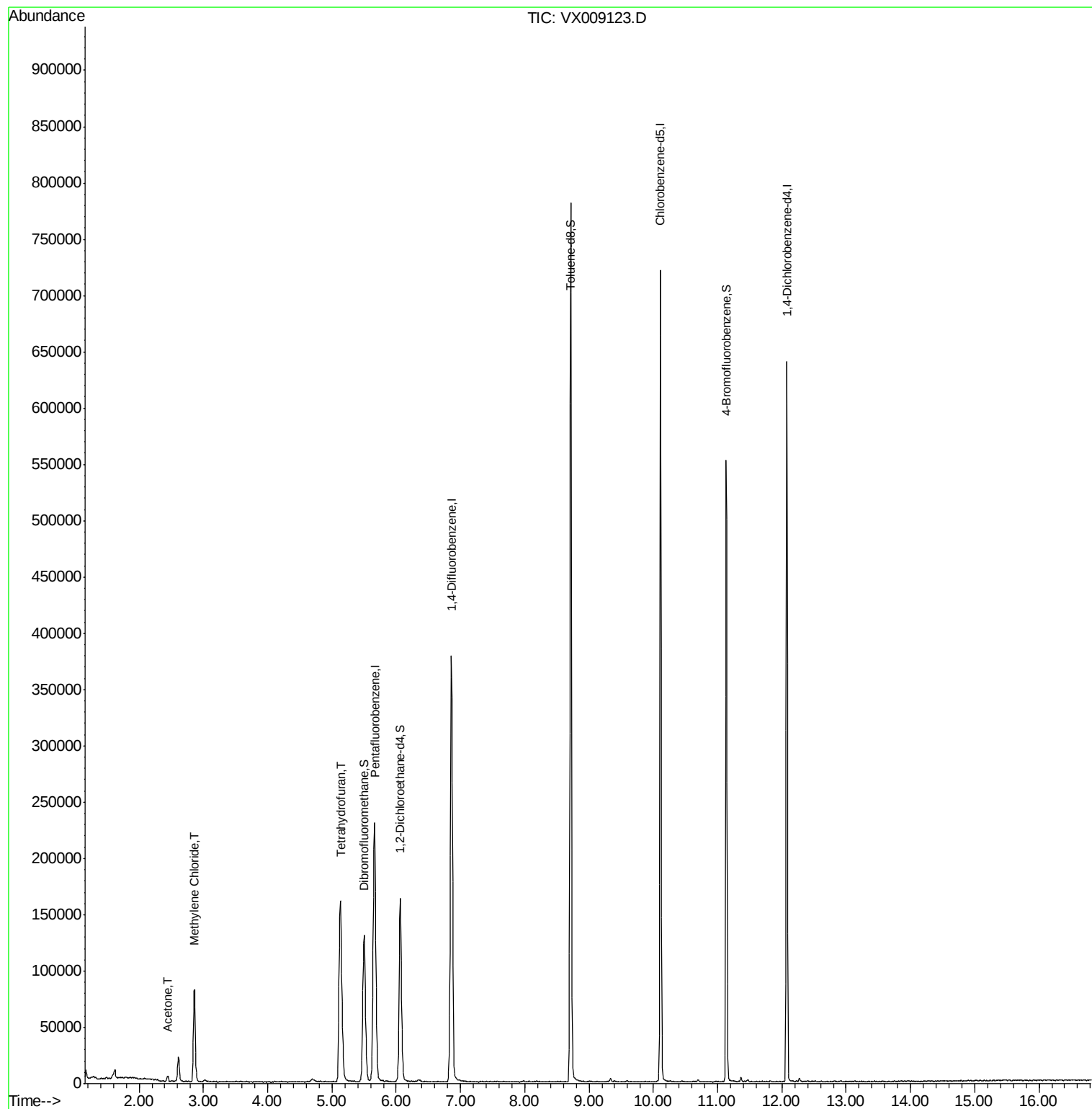
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	311336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129725	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	153301	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	5.50	113	113545	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
50) Toluene-d8	8.71	98	454941	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.13	95	145024	43.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.30%	
Target Compounds						
16) Acetone	2.45	43	5752	3.468	ug/l	95
20) Methylene Chloride	2.86	84	38052	13.414	ug/l	98
29) Tetrahydrofuran	5.13	42	166999	94.102	ug/l	99

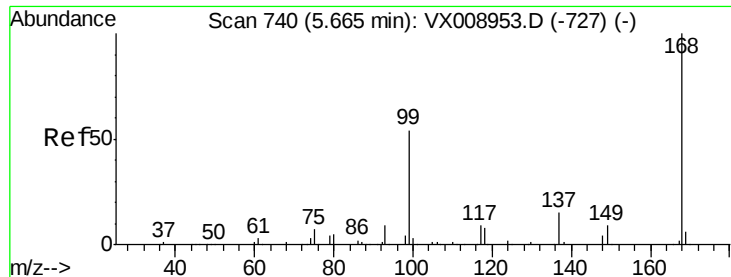
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009123.D

Acq: 23 Apr 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

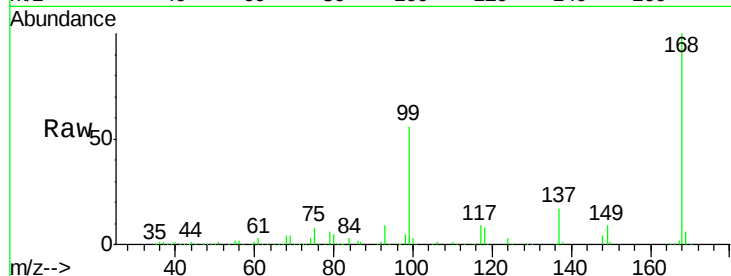
S37-ER-2019-1

Tot Ion:168 Resp: 226975

Ion Ratio Lower Upper

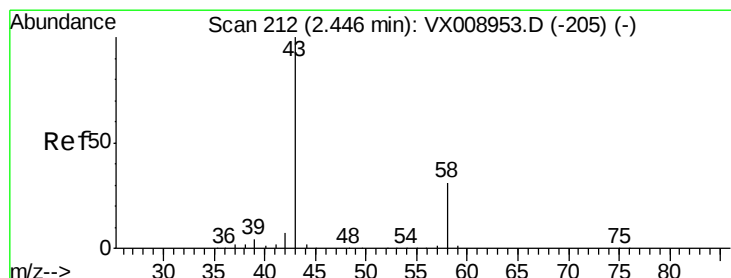
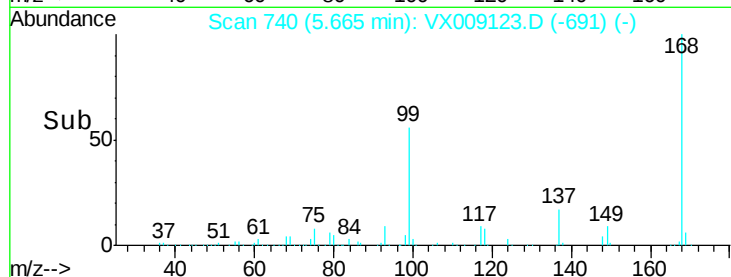
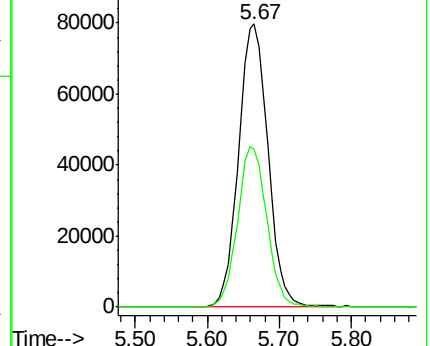
168 100

99 55.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.468 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009123.D

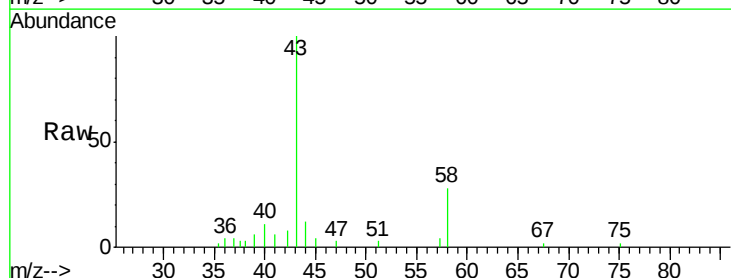
Acq: 23 Apr 2019 16:03

Tgt Ion: 43 Resp: 5752

Ion Ratio Lower Upper

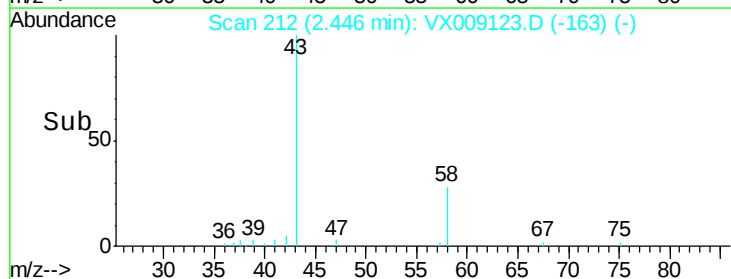
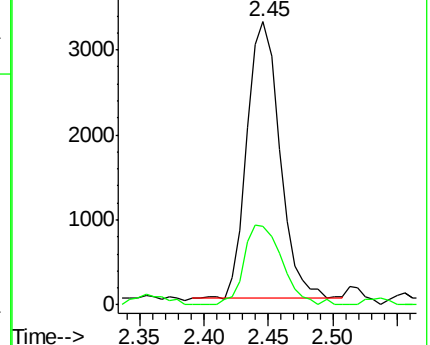
43 100

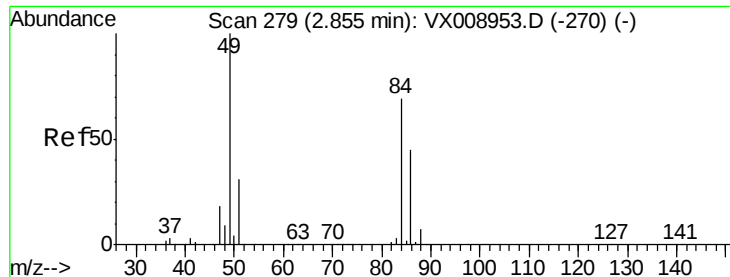
58 28.2 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 13.414 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX009123.D

Acq: 23 Apr 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

S37-ER-2019-1

Tot Ion: 84 Resp: 38052

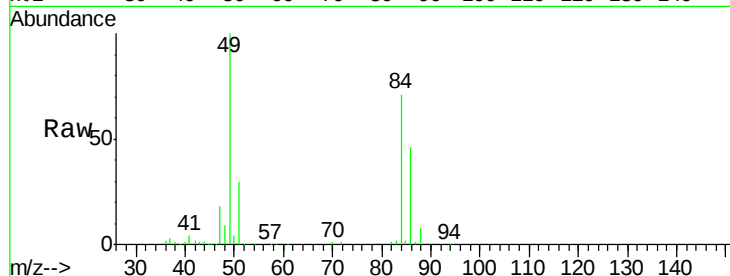
Ion Ratio Lower Upper

84 100

49 141.7 115.4 173.0

51 41.7 35.8 53.6

86 65.5 52.1 78.1

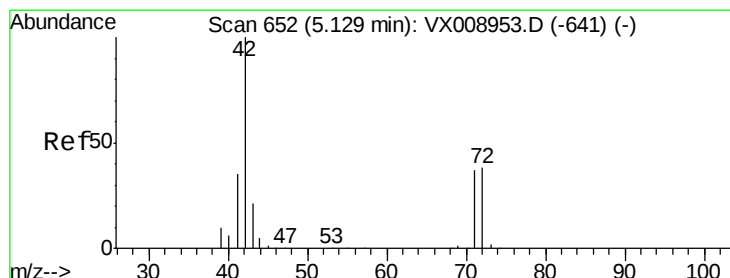
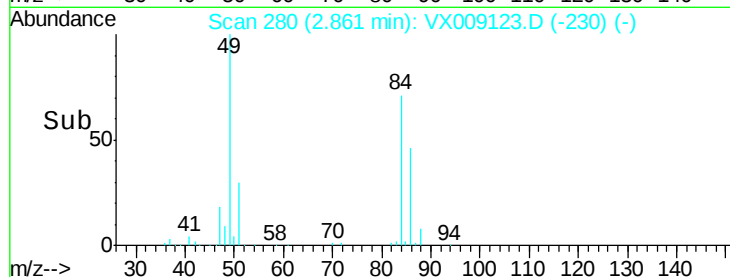
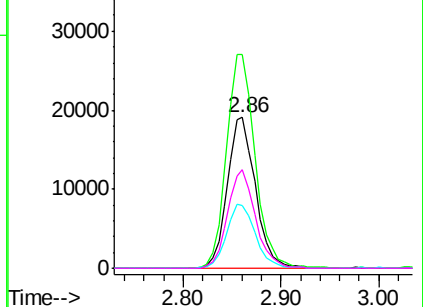


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#29

Tetrahydrofuran

Concen: 94.102 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009123.D

Acq: 23 Apr 2019 16:03

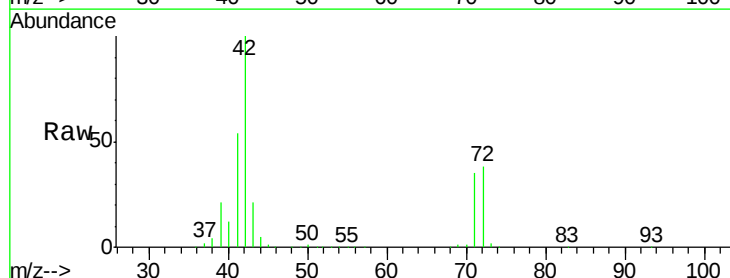
Tgt Ion: 42 Resp: 166999

Ion Ratio Lower Upper

42 100

72 37.2 30.6 45.8

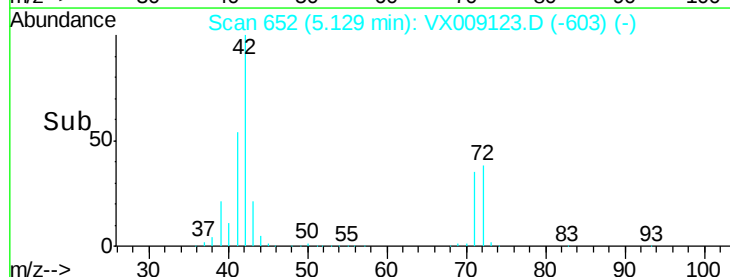
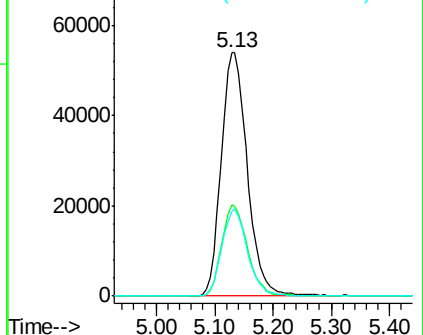
71 35.2 28.8 43.2

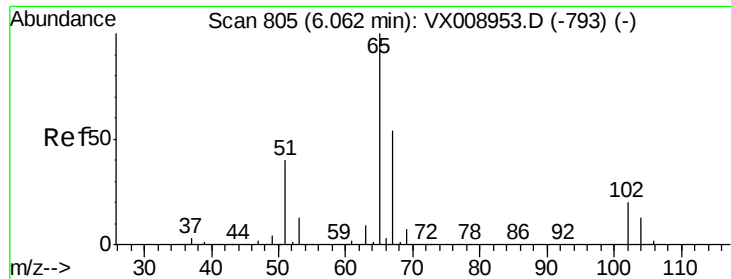


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

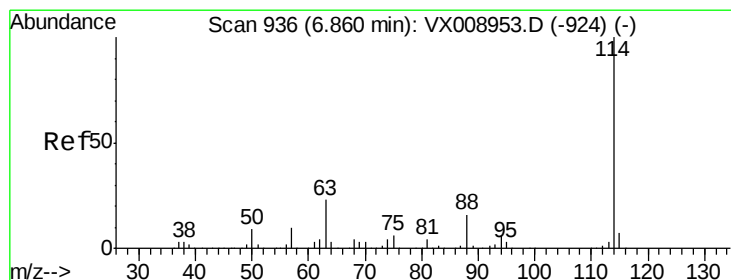
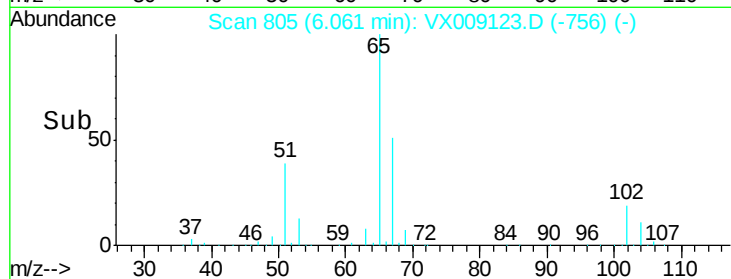
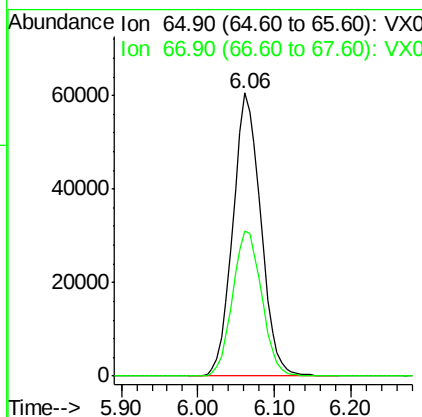
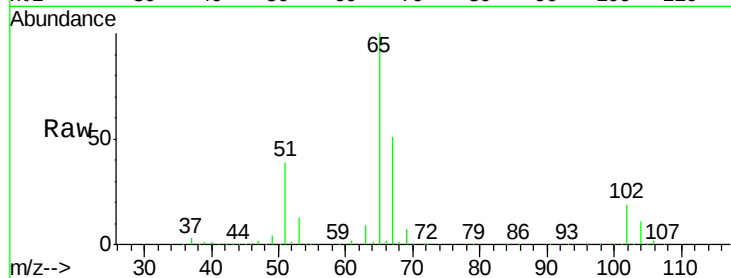




#33
 1,2-Dichloroethane-d4
 Concen: 47.926 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009123.D
 Acq: 23 Apr 2019 16:03

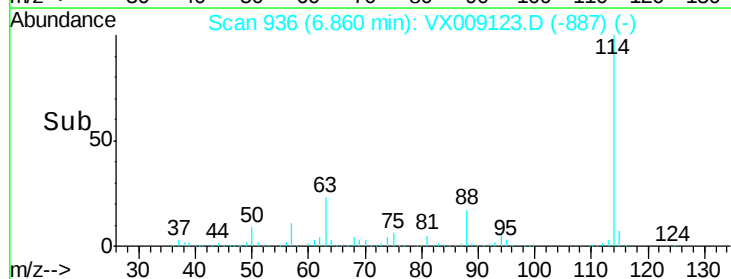
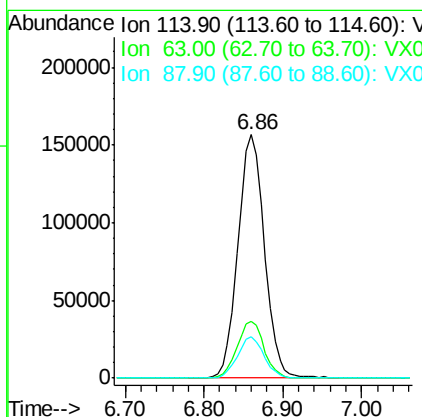
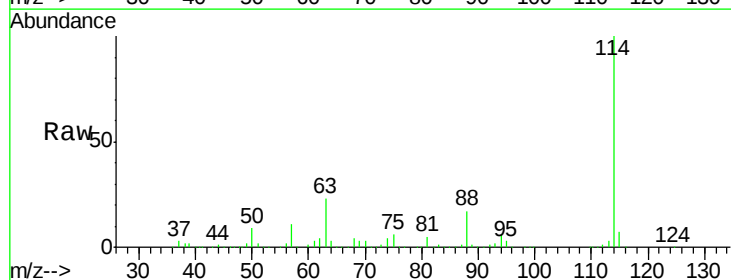
Instrument :
 MSVOA_X
 ClientSampleId :
 S37-ER-2019-1

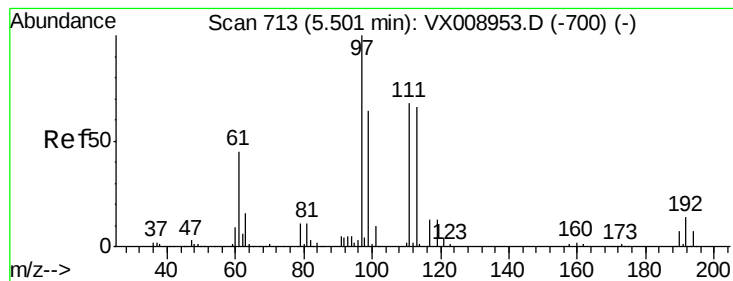
Tot Ion: 65 Resp: 153301
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009123.D
 Acq: 23 Apr 2019 16:03

Tgt Ion: 114 Resp: 367697
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.0
 88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.117 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009123.D

Acq: 23 Apr 2019 16:03

Instrument :

MSVOA_X

ClientSampled :

S37-ER-2019-1

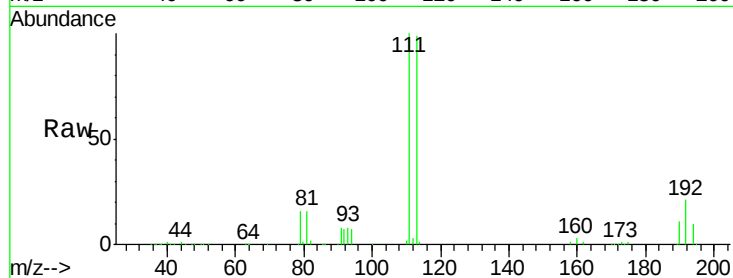
Tot Ion:113 Resp: 113545

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

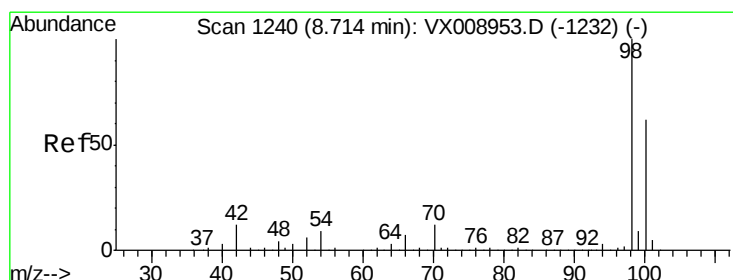
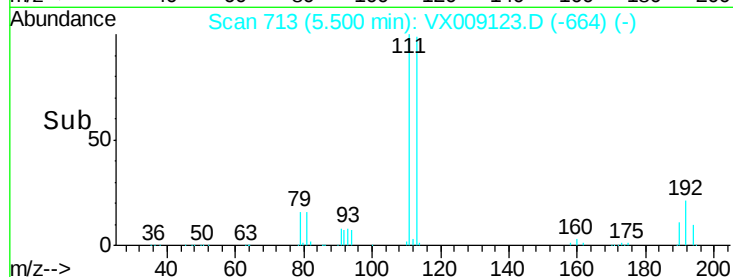
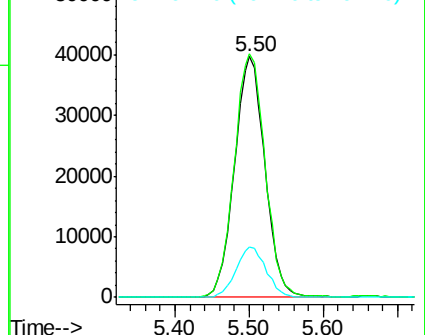
192 20.9 17.4 26.0



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: 48.342 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009123.D

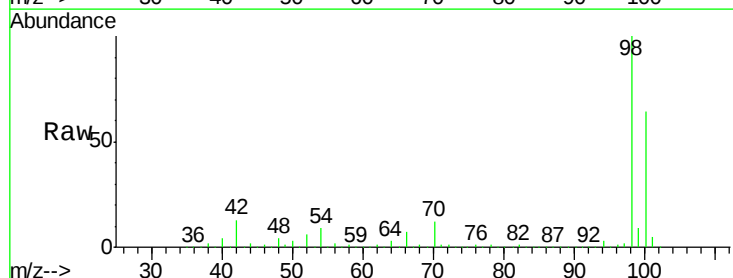
Acq: 23 Apr 2019 16:03

Tgt Ion: 98 Resp: 454941

Ion Ratio Lower Upper

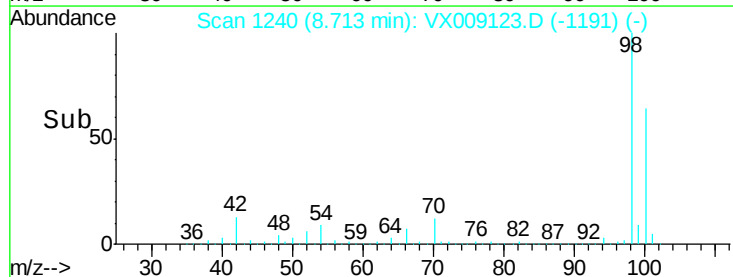
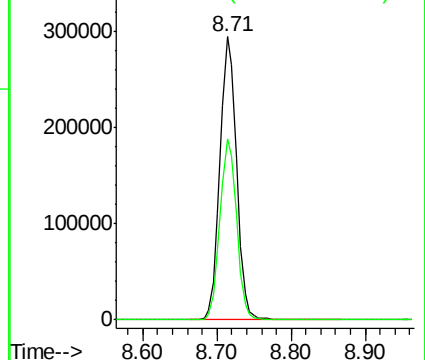
98 100

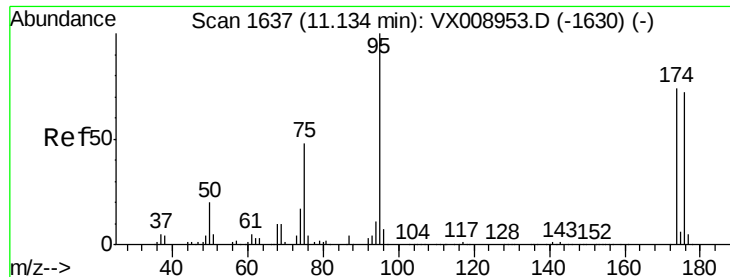
100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.654 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009123.D

Acq: 23 Apr 2019 16:03

Instrument :

MSVOA_X

ClientSampleId :

S37-ER-2019-1

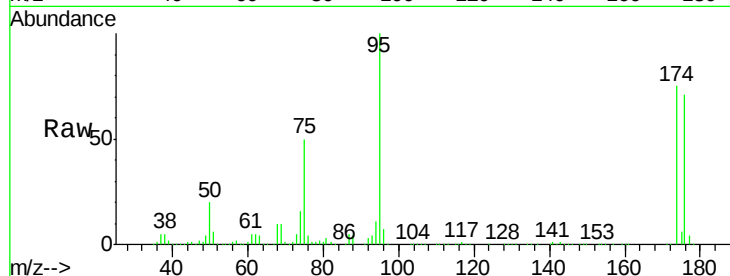
Tot Ion: 95 Resp: 145024

Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.6

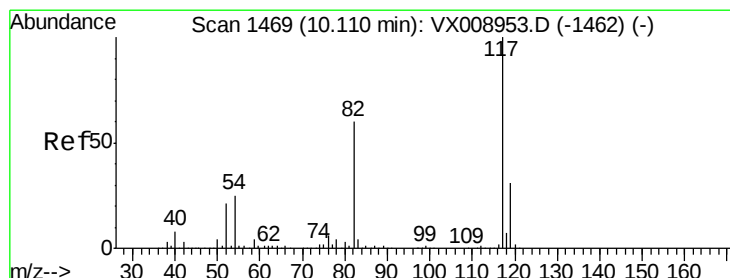
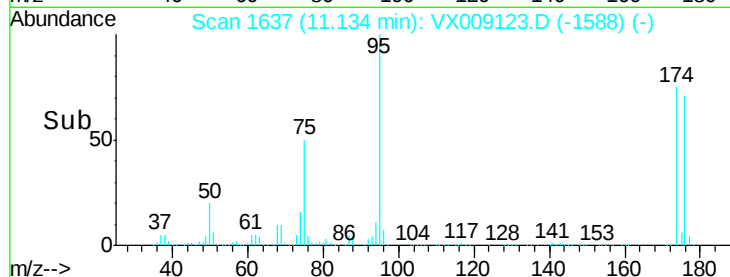
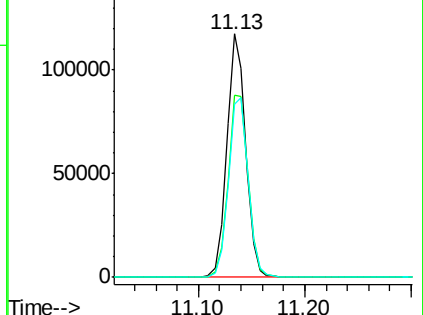
176 77.7 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009123.D

Acq: 23 Apr 2019 16:03

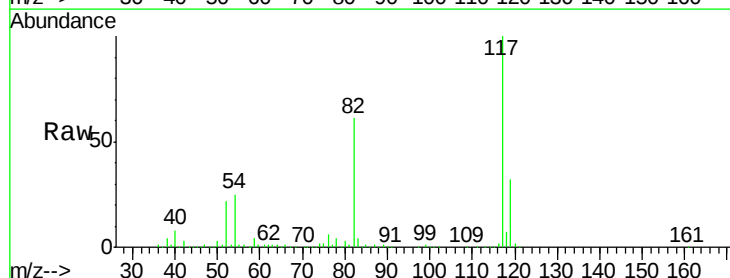
Tgt Ion: 117 Resp: 311336

Ion Ratio Lower Upper

117 100

82 61.0 48.2 72.4

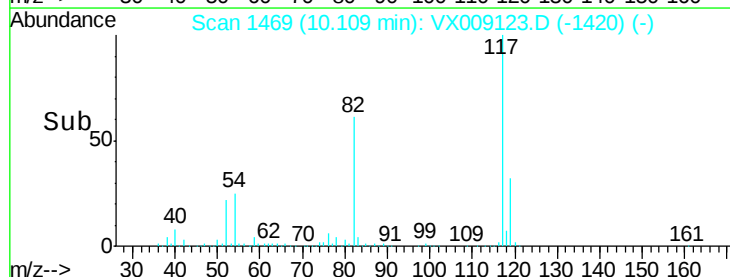
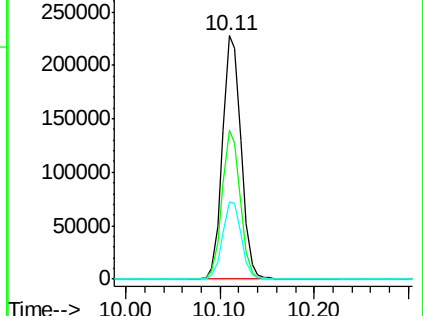
119 31.9 25.0 37.6

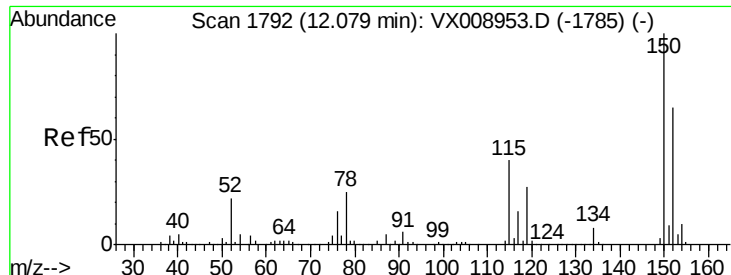


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)

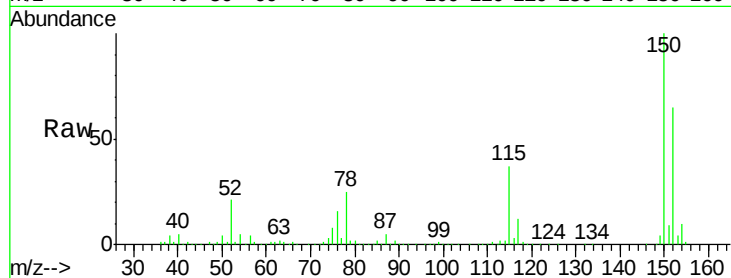




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009123.D
 Acq: 23 Apr 2019 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-ER-2019-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.1	41.4	124.2
150	155.5	0.0	349.8



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

