

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\
 Data File : VX011548.D
 Acq On : 13 Aug 2019 19:58
 Operator : JC/SP
 Sample : K4266-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2-C1-(0)

Quant Time: Aug 14 02:39:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

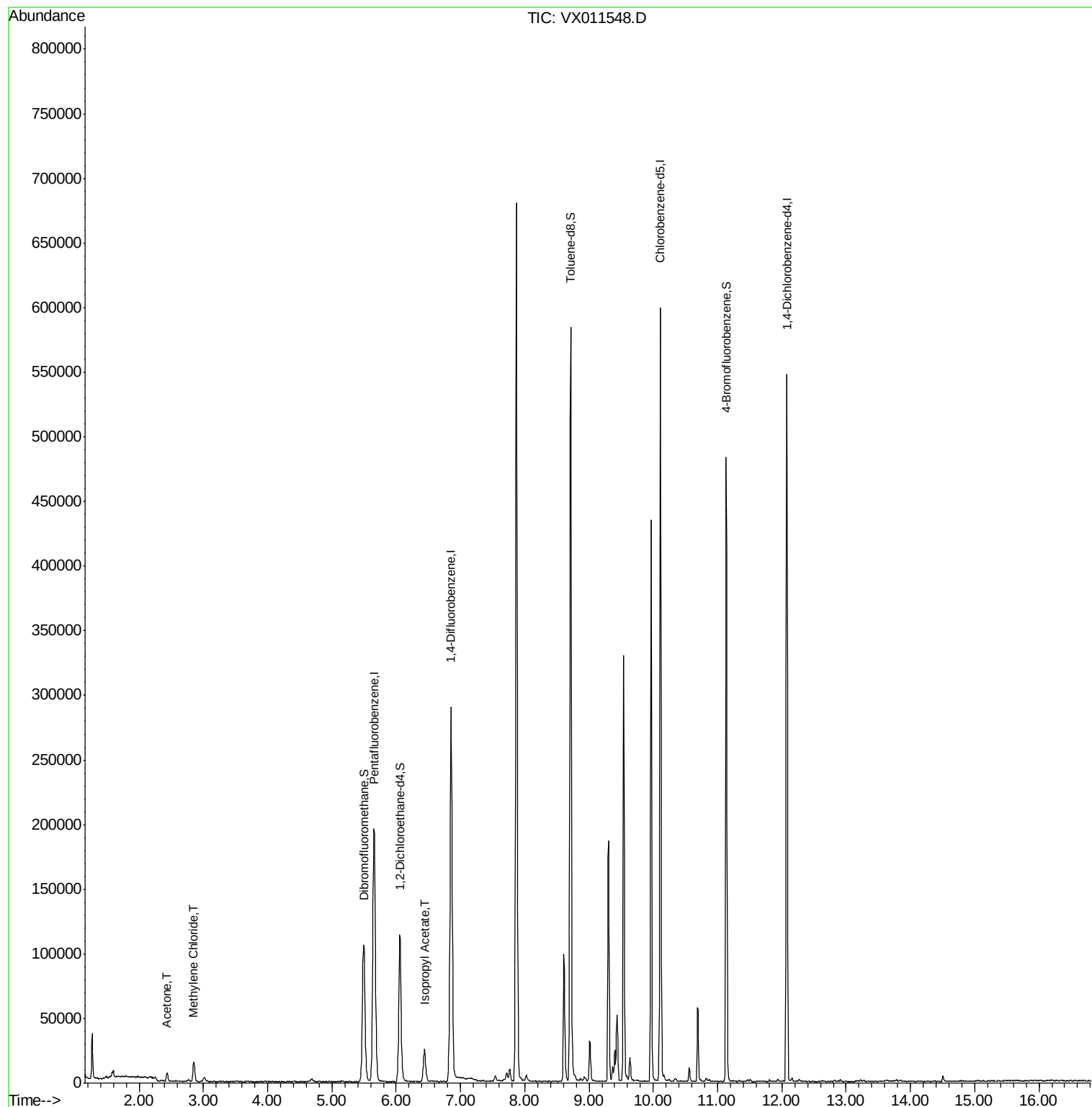
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	192003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	292288	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	269269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108965	56.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.70%	
35) Dibromofluoromethane	5.49	113	89730	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	8.71	98	348338	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.13	95	117701	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
Target Compounds						
16) Acetone	2.43	43	7658	8.321	ug/l	99
20) Methylene Chloride	2.85	84	7338	3.641	ug/l	98
43) Isopropyl Acetate	6.44	43	32858	8.029	ug/l	99

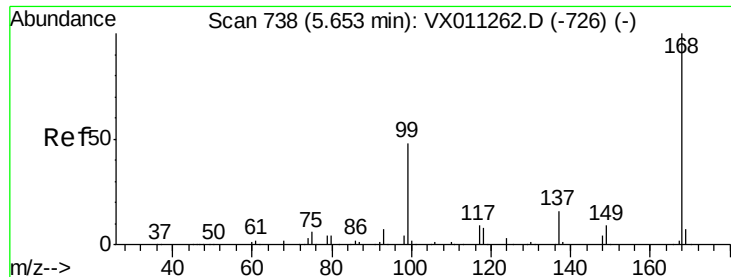
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011548.D

Acq: 13 Aug 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

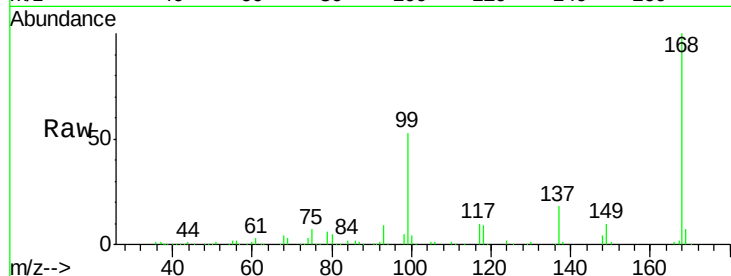
R1-R2-C1-(0)

Tot Ion:168 Resp: 192003

Ion Ratio Lower Upper

168 100

99 52.9 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

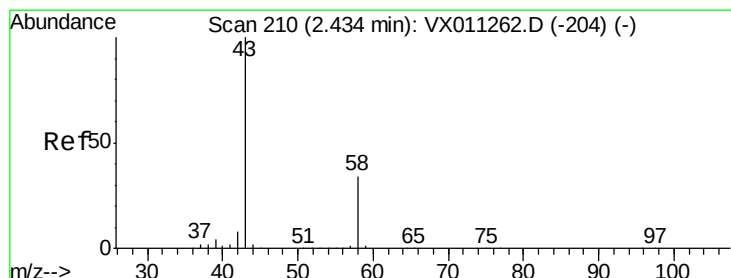
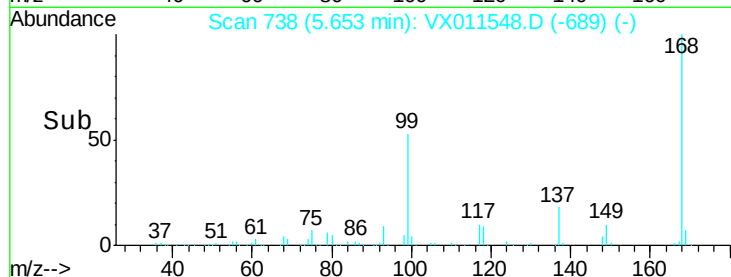
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.321 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011548.D

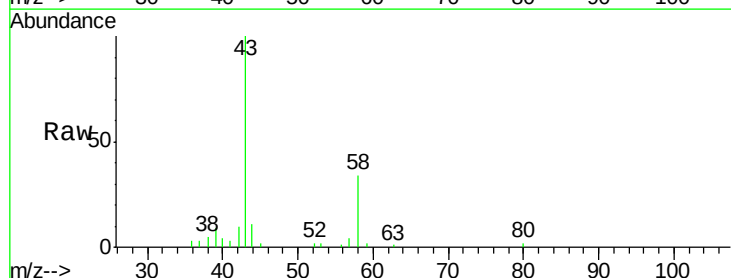
Acq: 13 Aug 2019 19:58

Tgt Ion: 43 Resp: 7658

Ion Ratio Lower Upper

43 100

58 33.7 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

4000

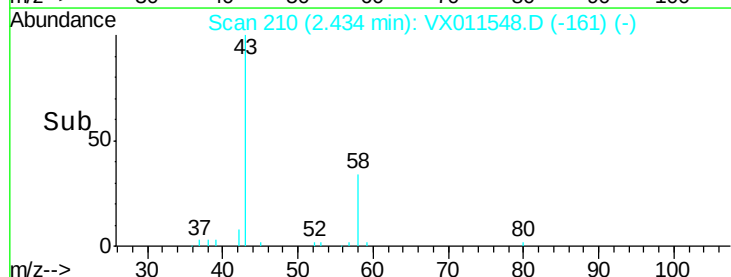
3000

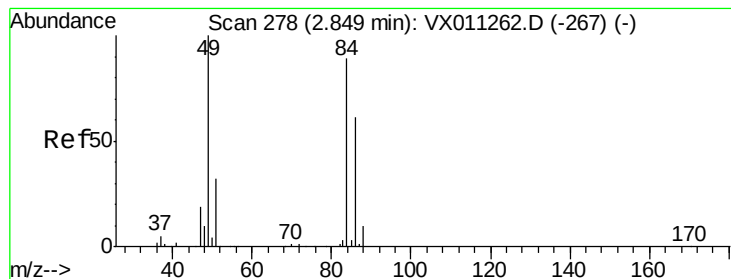
2000

1000

0

Time--> 2.40 2.50





#20

Methvlene Chloride

Concen: 3.641 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011548.D

Acq: 13 Aug 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

R1-R2-C1(0)

Tot Ion: 84 Resp: 7338

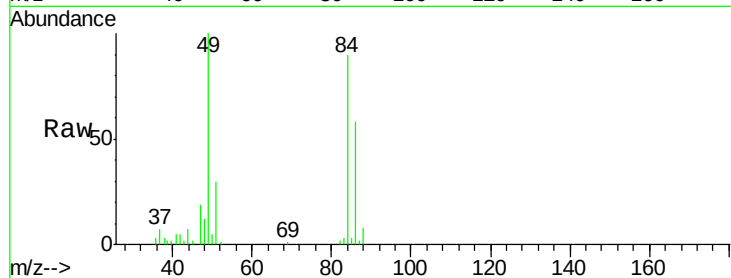
Ion Ratio Lower Upper

84 100

49 111.7 89.3 133.9

51 32.0 28.3 42.5

86 64.4 54.5 81.7

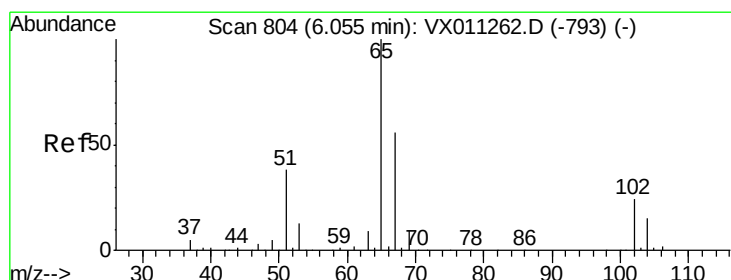
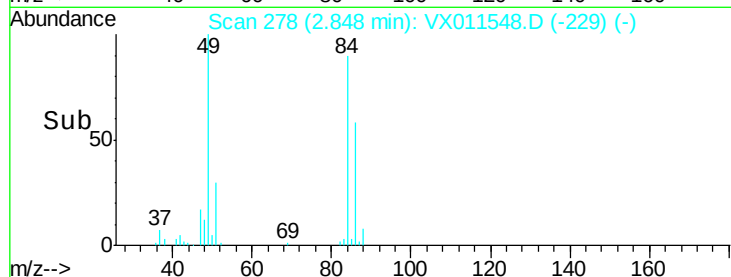
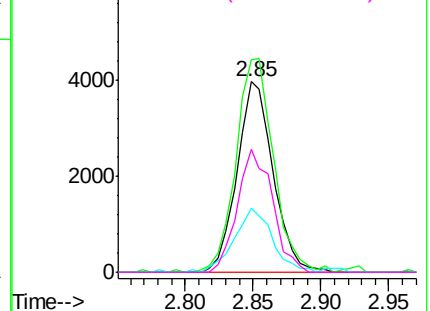


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#33

1,2-Dichloroethane-d4

Concen: 56.354 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011548.D

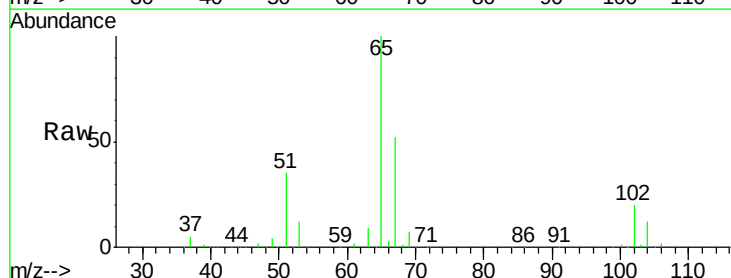
Acq: 13 Aug 2019 19:58

Tgt Ion: 65 Resp: 108965

Ion Ratio Lower Upper

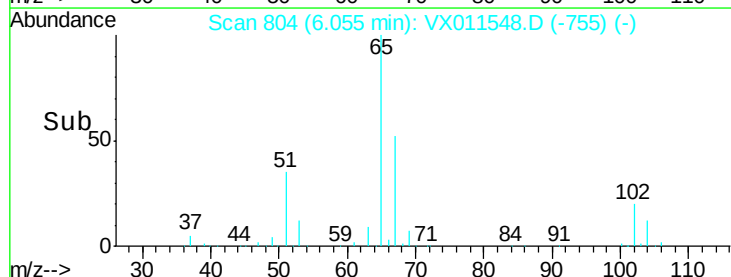
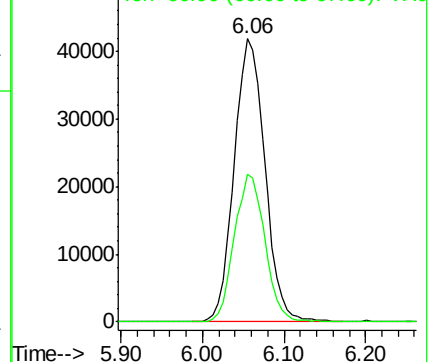
65 100

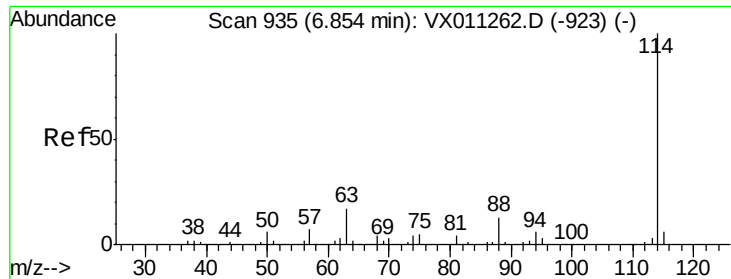
67 51.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

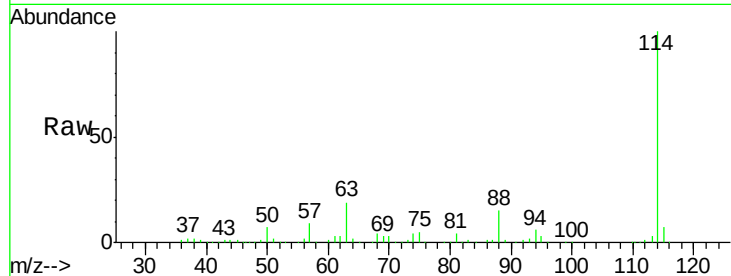




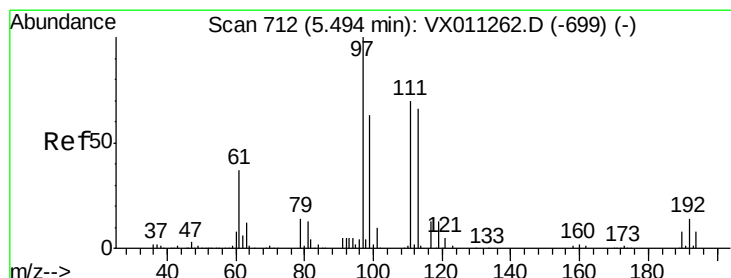
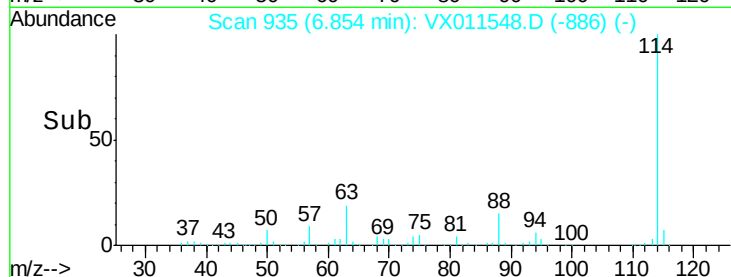
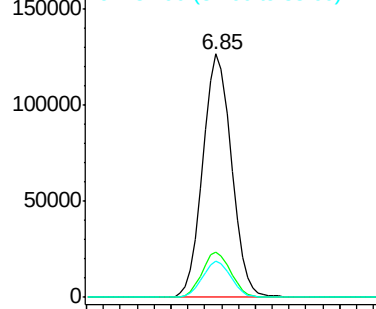
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011548.D
 Acq: 13 Aug 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2-C1-(0)

Tot Ion:114 Resp: 292288
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.0
 88 14.9 0.0 26.4

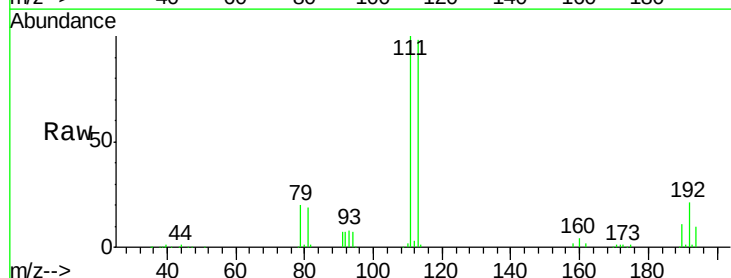


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

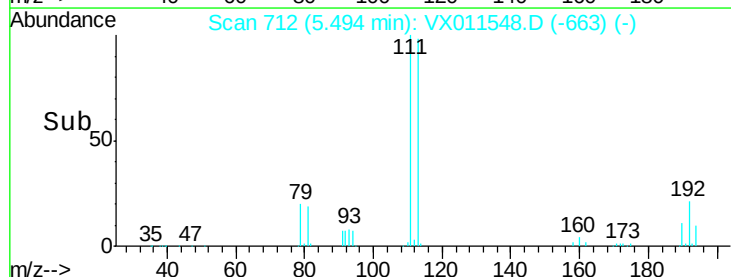
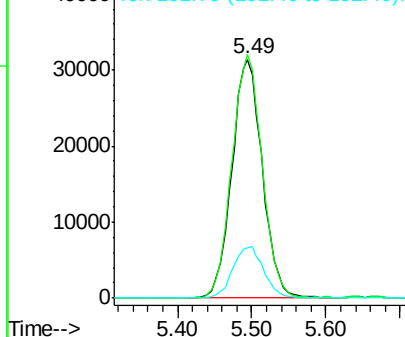


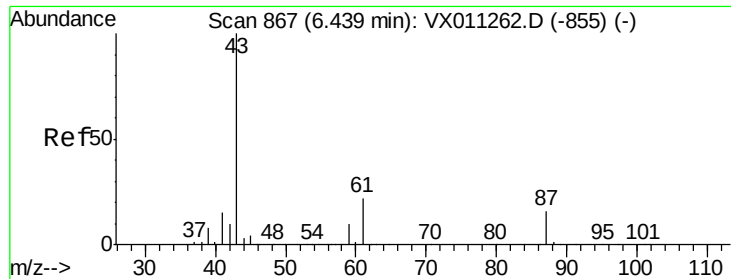
#35
 Dibromofluoromethane
 Concen: 47.021 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011548.D
 Acq: 13 Aug 2019 19:58

Tgt Ion:113 Resp: 89730
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.9 122.9
 192 21.8 17.8 26.8



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: 8.029 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011548.D

Acq: 13 Aug 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

R1-R2-C1(0)

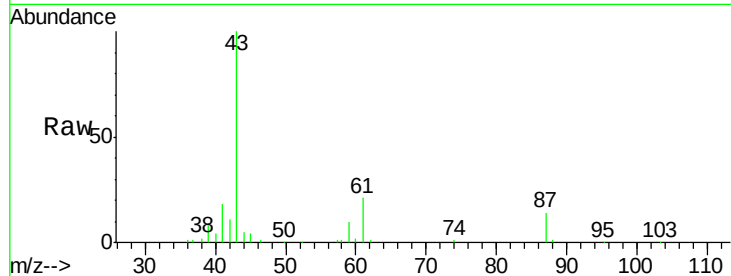
Tot Ion: 43 Resp: 32858

Ion Ratio Lower Upper

43 100

61 20.6 16.5 24.7

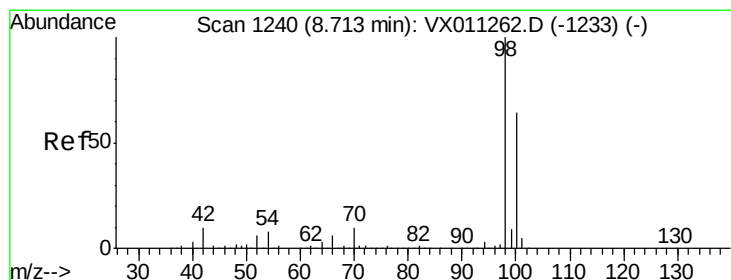
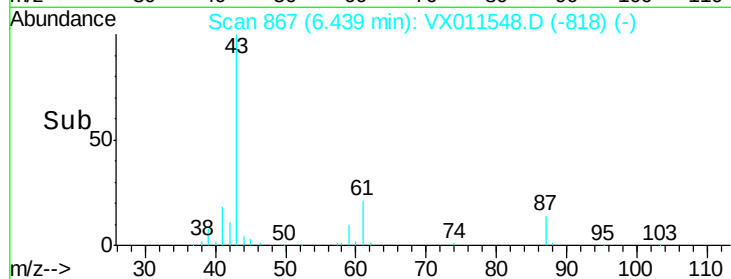
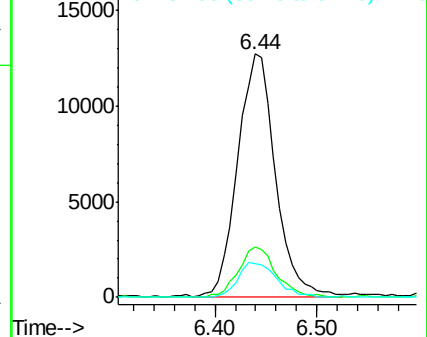
87 14.6 12.1 18.1



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: 48.359 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011548.D

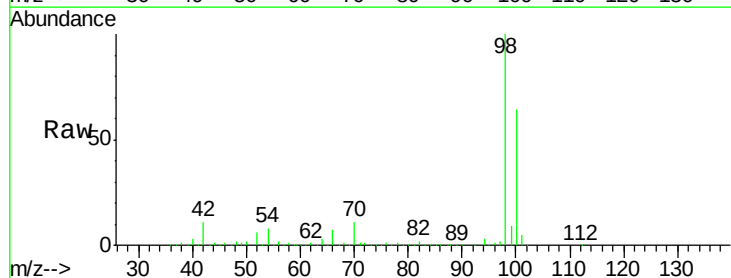
Acq: 13 Aug 2019 19:58

Tgt Ion: 98 Resp: 348338

Ion Ratio Lower Upper

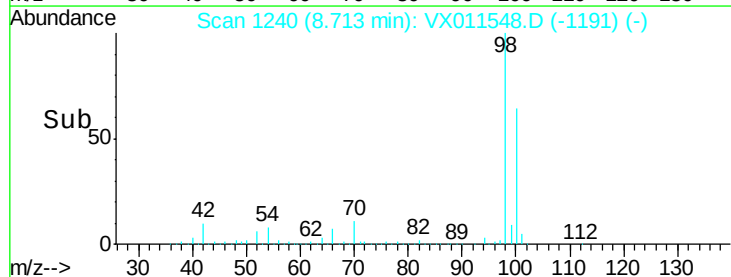
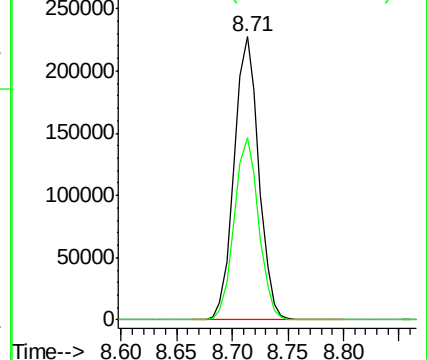
98 100

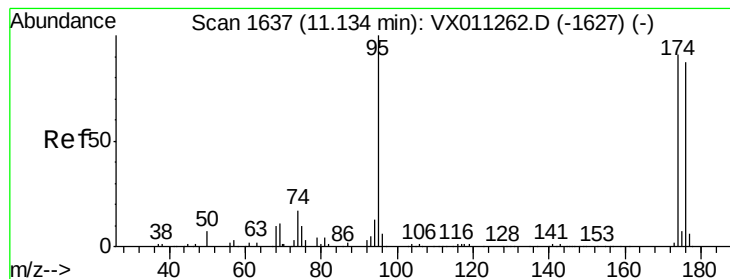
100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.767 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011548.D

Acq: 13 Aug 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

R1-R2-C1(0)

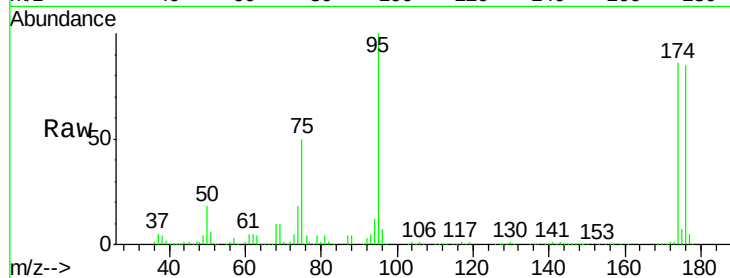
Tot Ion: 95 Resp: 117701

Ion Ratio Lower Upper

95 100

174 89.9 0.0 191.2

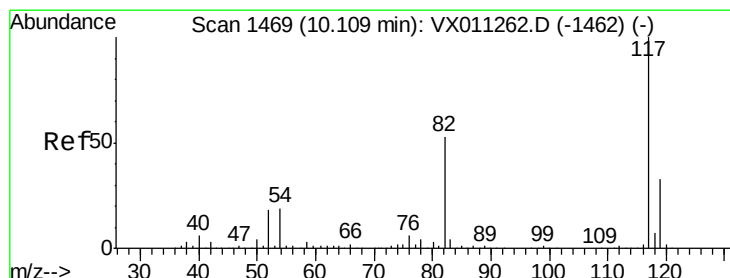
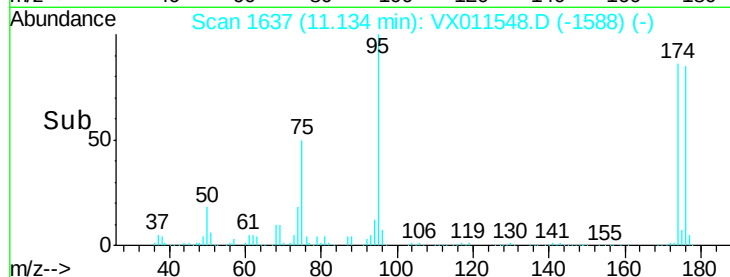
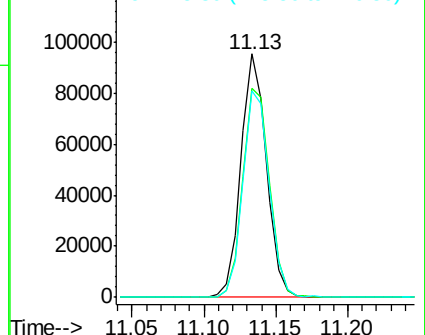
176 87.3 0.0 184.8



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: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011548.D

Acq: 13 Aug 2019 19:58

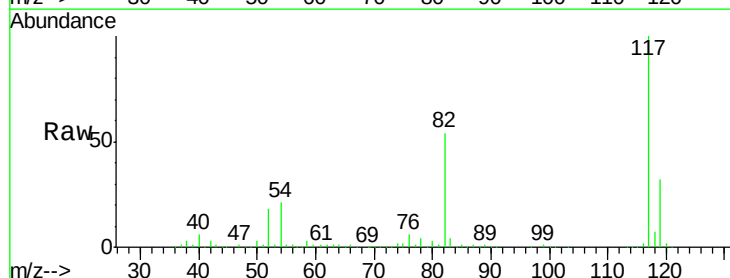
Tgt Ion: 117 Resp: 269269

Ion Ratio Lower Upper

117 100

82 53.5 42.2 63.2

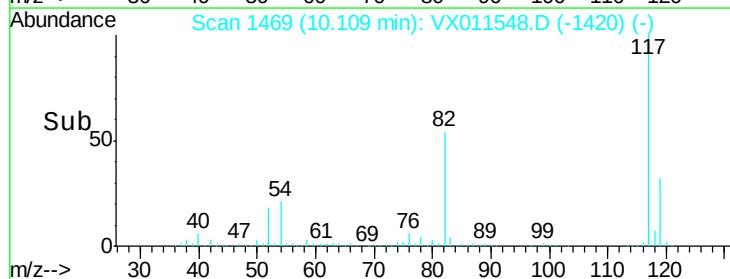
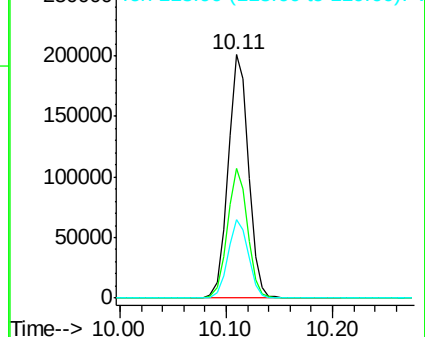
119 32.2 26.6 39.8

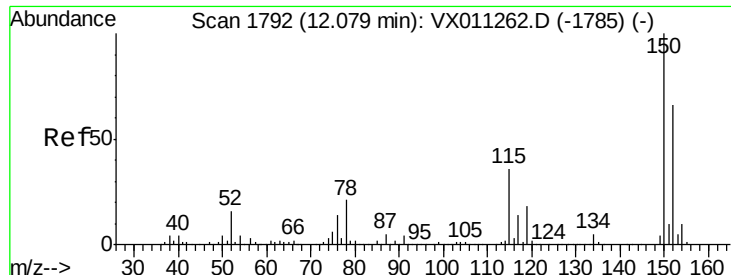


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX011548.D
 Acq: 13 Aug 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2-C1-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.5	40.0	119.9
150	157.4	0.0	350.4

