

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\
 Data File : VX011360.D
 Acq On : 07 Aug 2019 13:55
 Operator : JC/SP
 Sample : K4192-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIPLE-BARREL-BC-WEST

Quant Time: Aug 08 07:28:24 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

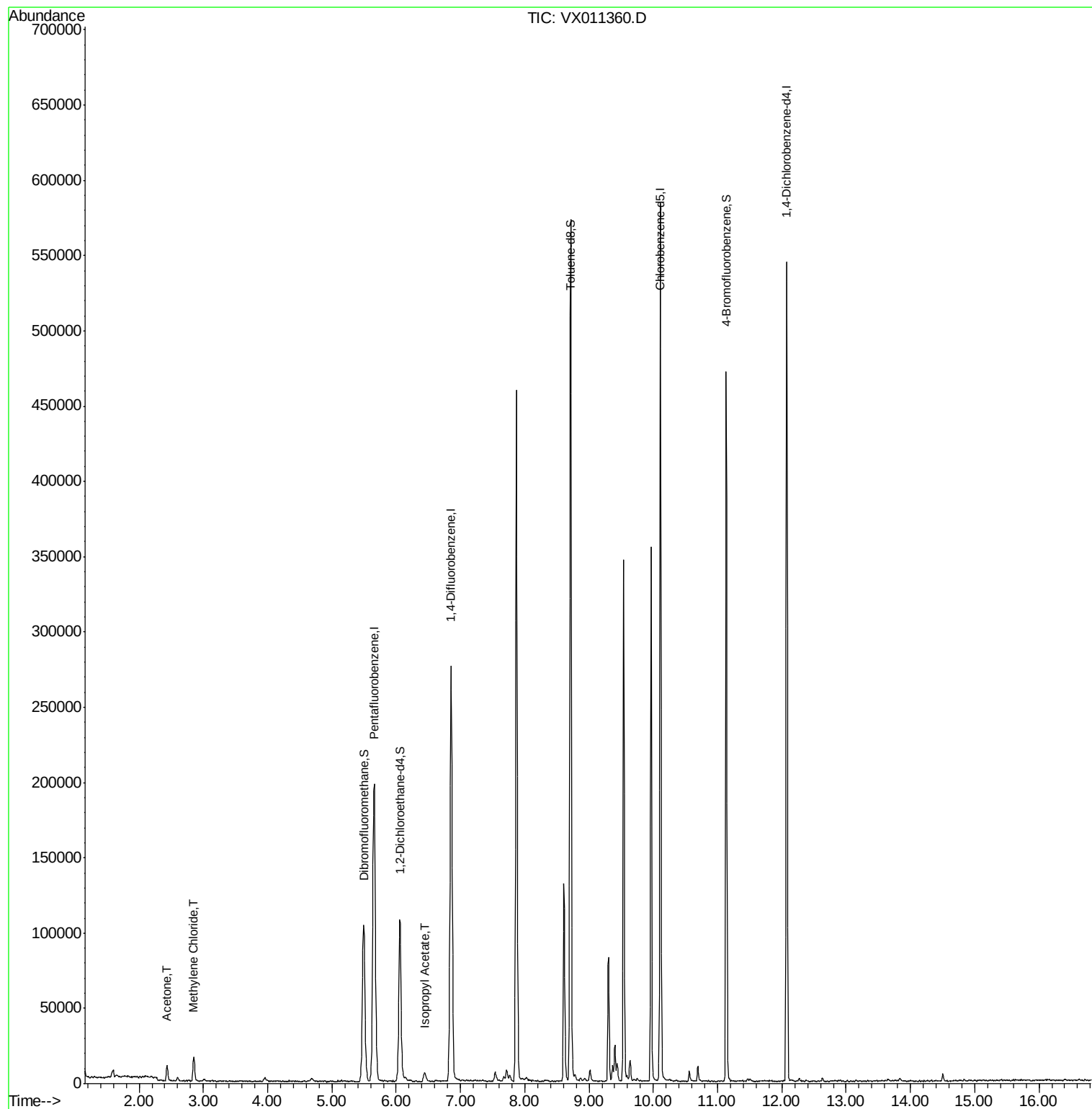
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	196971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	287284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118038	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	102388	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
35) Dibromofluoromethane	5.49	113	86915	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
50) Toluene-d8	8.71	98	342660	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	11.13	95	113955	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
Target Compounds						
16) Acetone	2.43	43	10929	11.575	ug/l	98
20) Methylene Chloride	2.85	84	7926	3.833	ug/l	88
43) Isopropyl Acetate	6.44	43	8065	2.005	ug/l	94

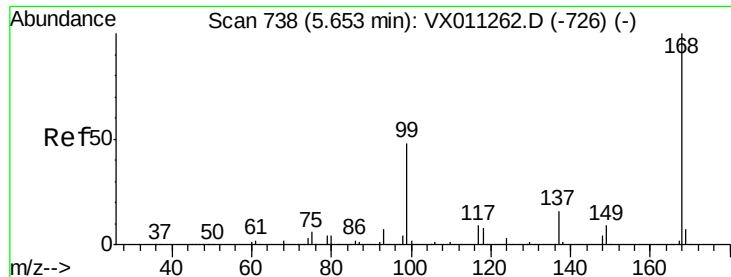
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011360.D

Acq: 07 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

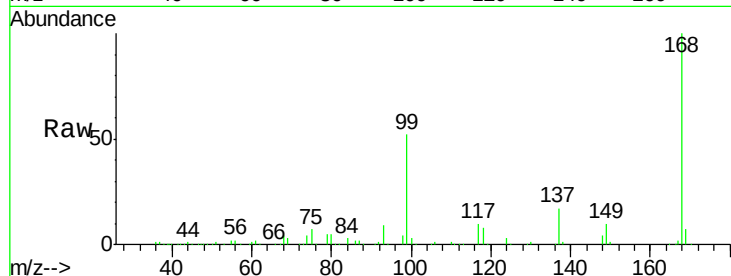
TRIPLE-BARREL-BC-WEST

Tot Ion:168 Resp: 196971

Ion Ratio Lower Upper

168 100

99 52.0 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

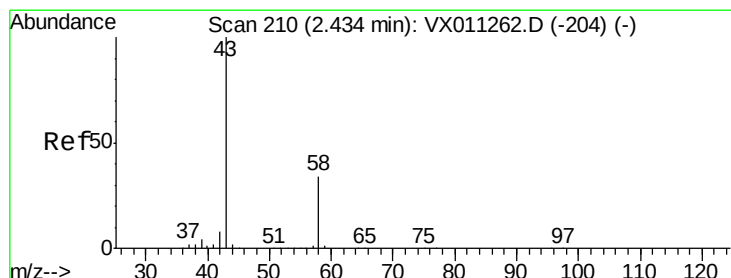
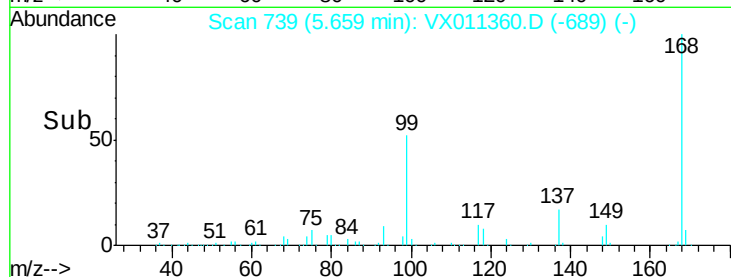
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 11.575 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011360.D

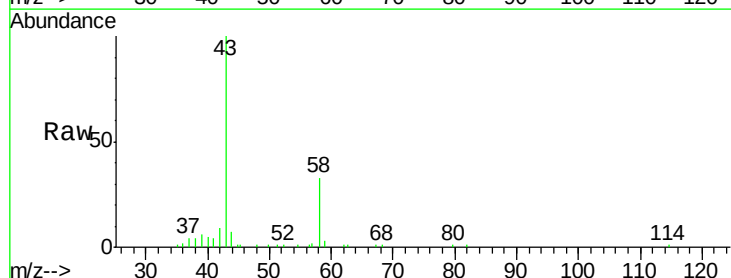
Acq: 07 Aug 2019 13:55

Tgt Ion: 43 Resp: 10929

Ion Ratio Lower Upper

43 100

58 33.0 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

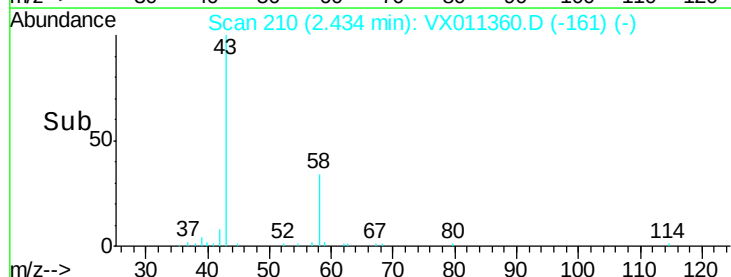
6000

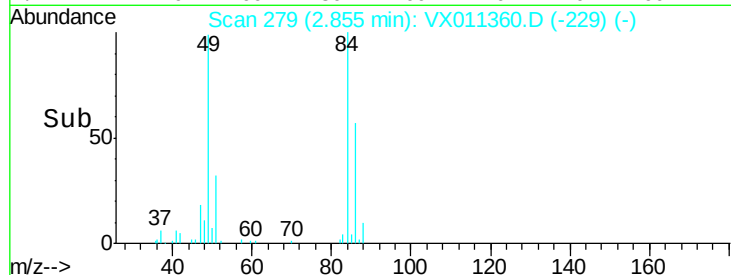
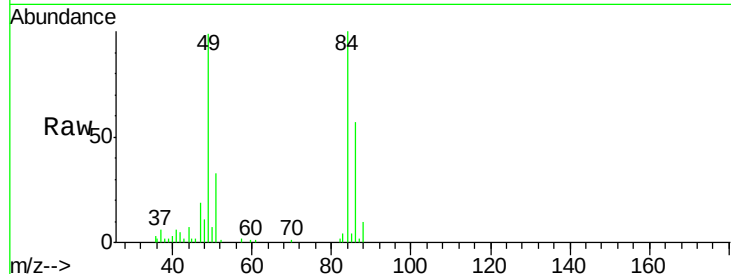
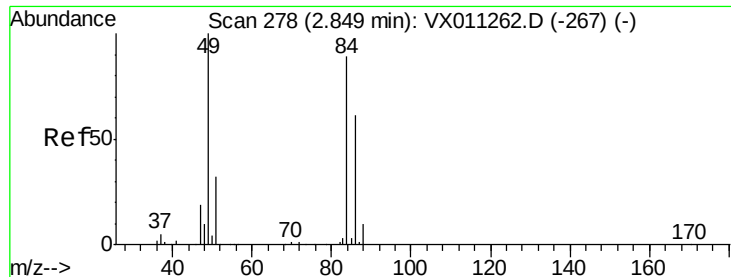
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

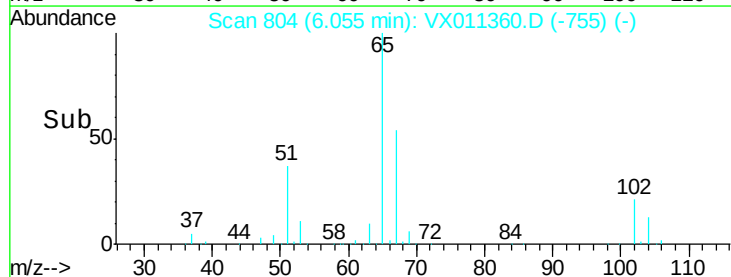
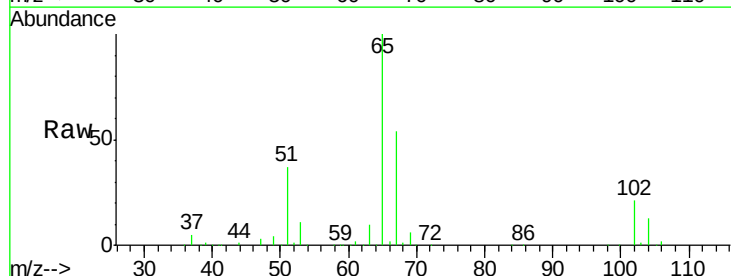
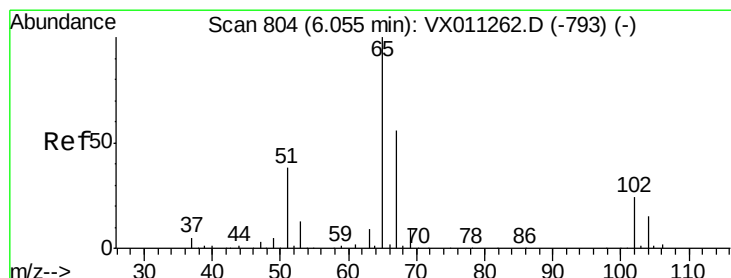
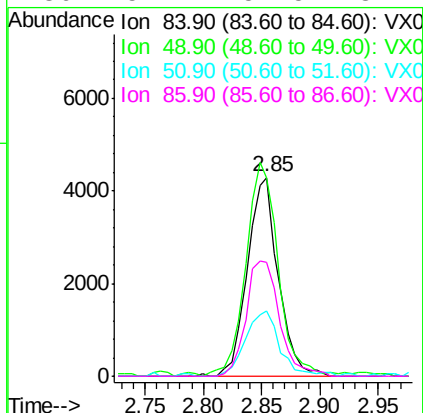




#20
Methylene Chloride
Concen: 3.833 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011360.D
Acq: 07 Aug 2019 13:55

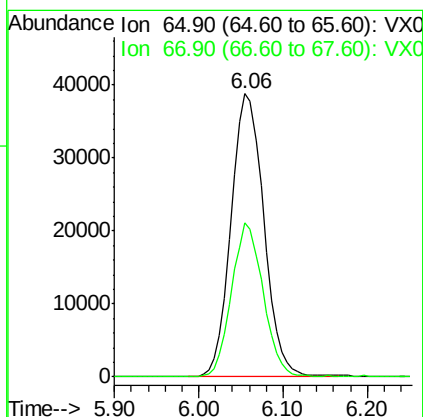
Instrument :
MSVOA_X
ClientSampleId :
TRIPLE-BARREL-BC-WEST

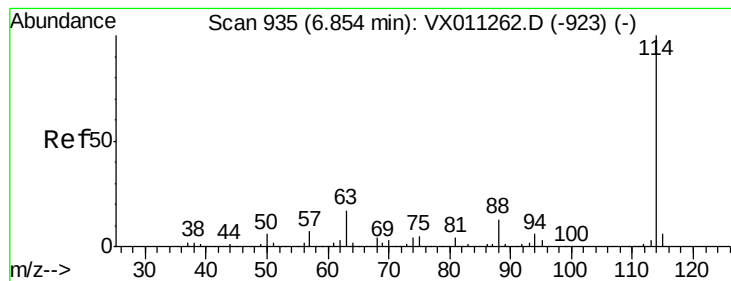
Tot Ion:	84	Resp:	7926
Ion	Ratio	Lower	Upper
84	100		
49	98.1	89.3	133.9
51	33.0	28.3	42.5
86	57.2	54.5	81.7



#33
1,2-Dichloroethane-d4
Concen: 51.617 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011360.D
Acq: 07 Aug 2019 13:55

Tgt Ion:	65	Resp:	102388
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011360.D

Acq: 07 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

TRIPLE-BARREL-BC-WEST

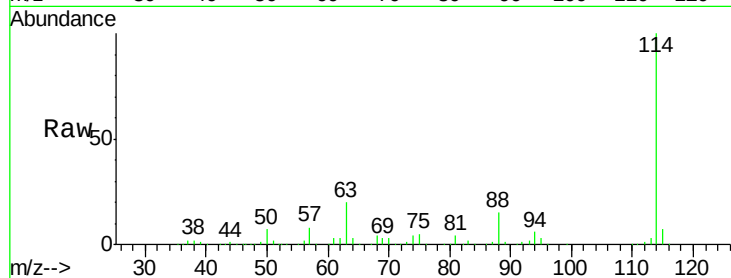
Tot Ion:114 Resp: 287284

Ion Ratio Lower Upper

114 100

63 19.7 0.0 34.0

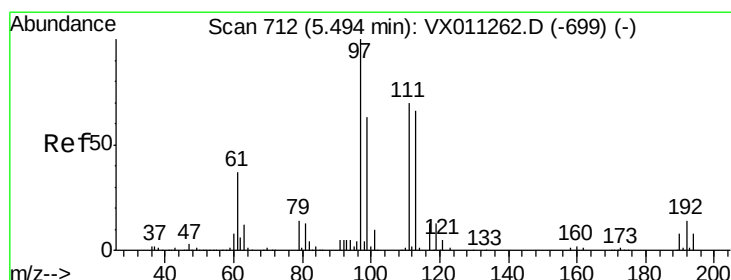
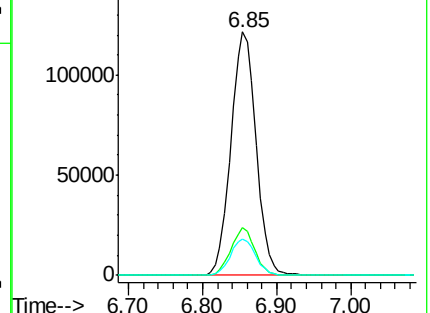
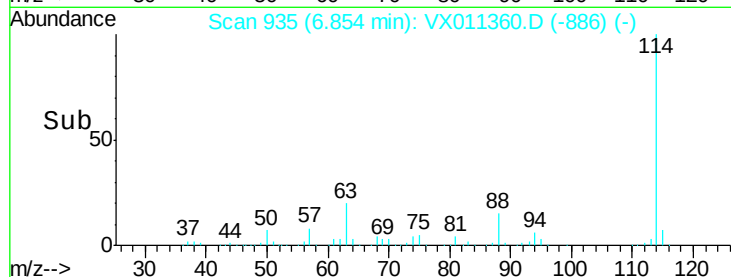
88 14.9 0.0 26.4



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: 46.340 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011360.D

Acq: 07 Aug 2019 13:55

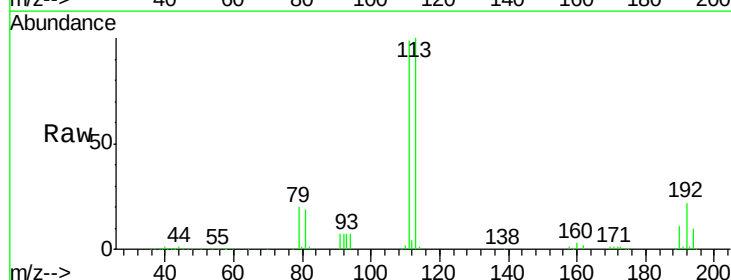
Tgt Ion:113 Resp: 86915

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

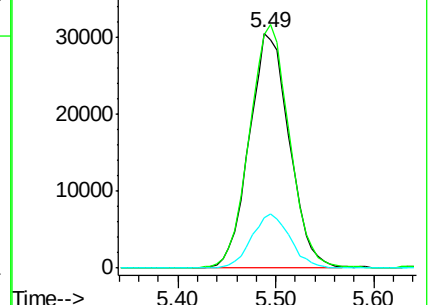
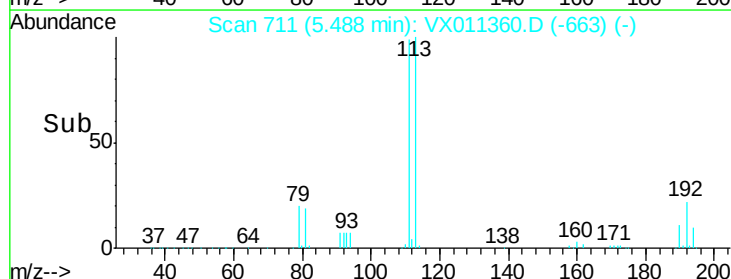
192 22.3 17.8 26.8

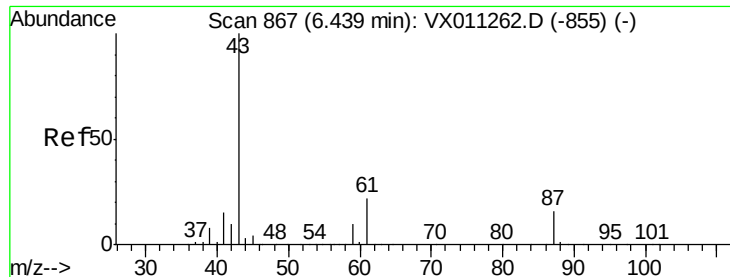


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.005 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011360.D

Acq: 07 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

TRIPLE-BARREL-BC-WEST

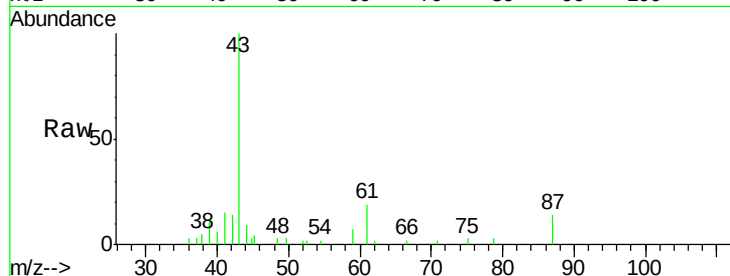
Tot Ion: 43 Resp: 8065

Ion Ratio Lower Upper

43 100

61 24.7 16.5 24.7

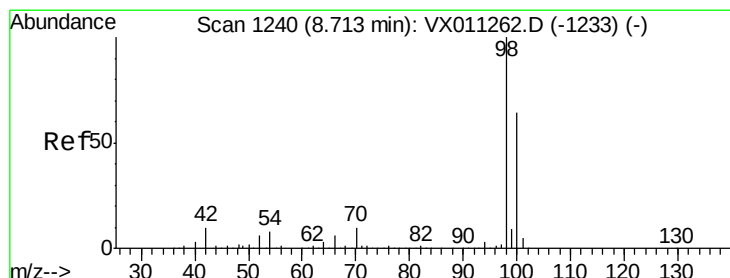
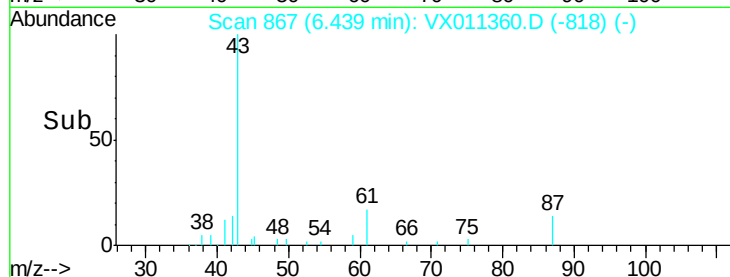
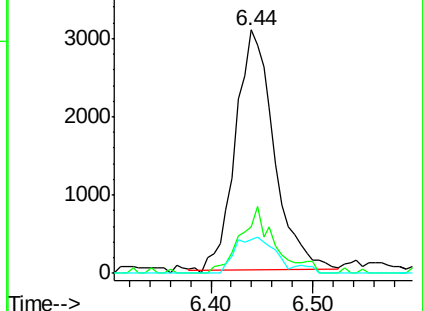
87 15.6 12.1 18.1



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: 48.399 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011360.D

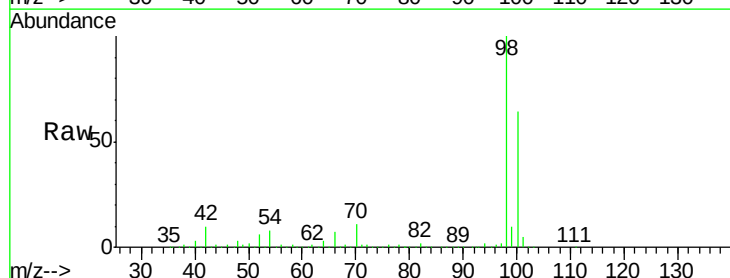
Acq: 07 Aug 2019 13:55

Tgt Ion: 98 Resp: 342660

Ion Ratio Lower Upper

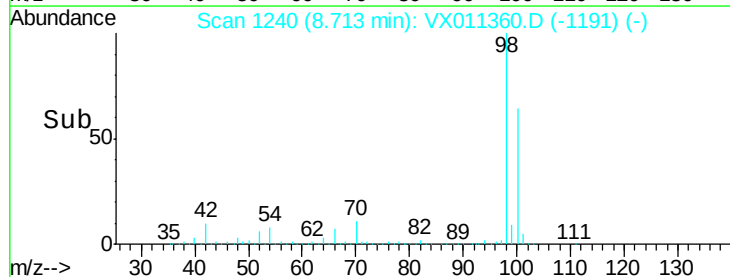
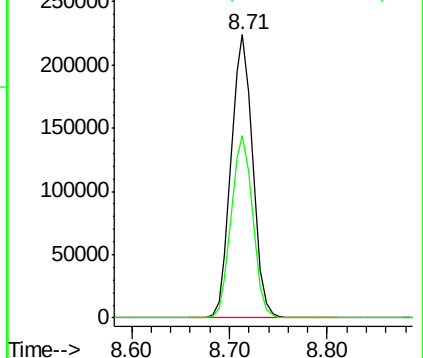
98 100

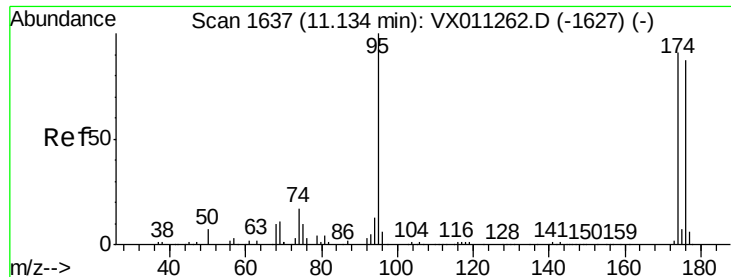
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

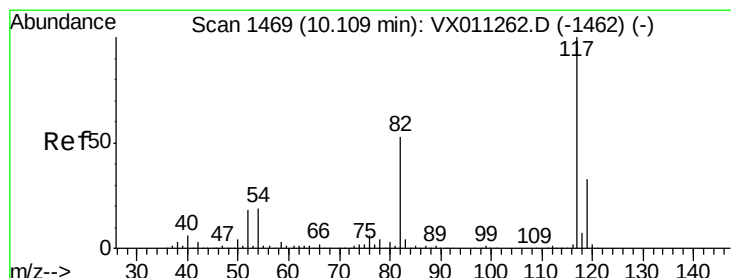
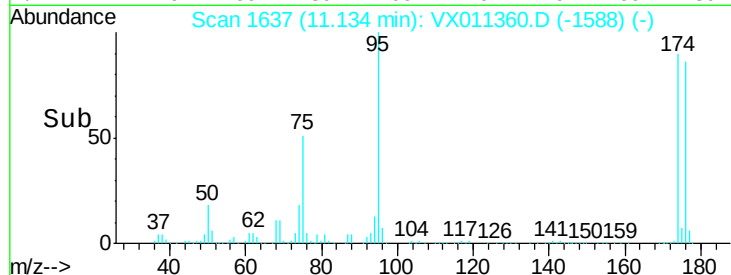
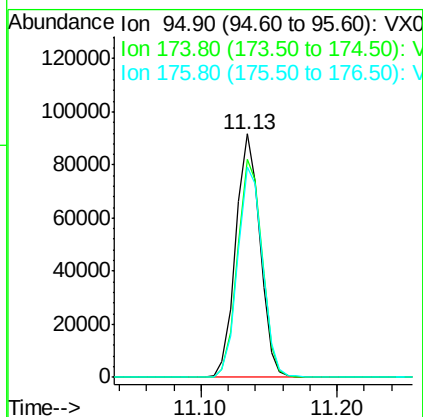
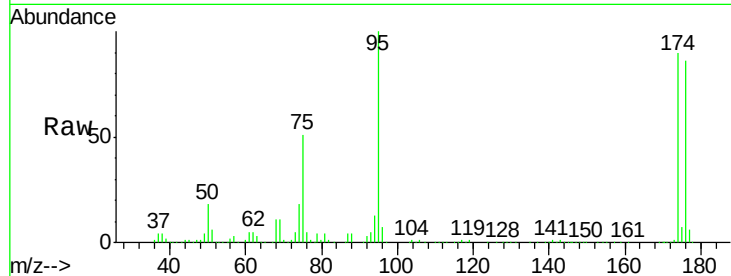




#62
4-Bromofluorobenzene
Concen: 45.082 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011360.D
Acq: 07 Aug 2019 13:55

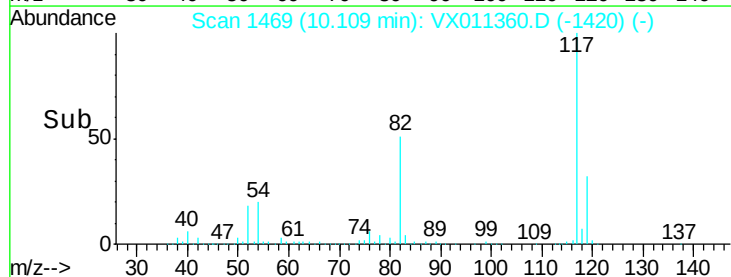
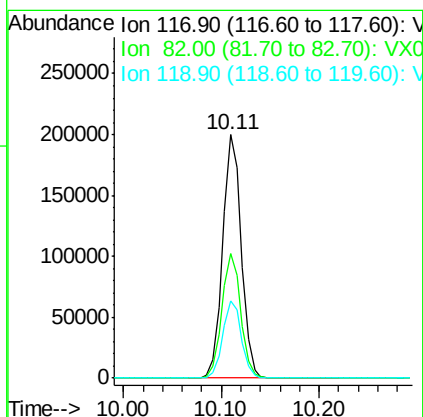
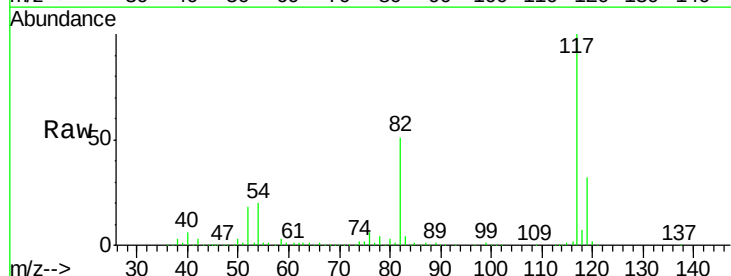
Instrument :
MSVOA_X
ClientSampleId :
TRIPLE-BARREL-BC-WEST

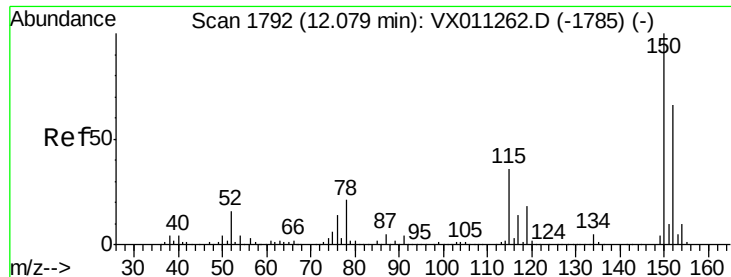
Tot Ion: 95 Resp: 113955
Ion Ratio Lower Upper
95 100
174 90.9 0.0 191.2
176 88.2 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011360.D
Acq: 07 Aug 2019 13:55

Tgt Ion: 117 Resp: 264073
Ion Ratio Lower Upper
117 100
82 51.4 42.2 63.2
119 31.7 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011360.D

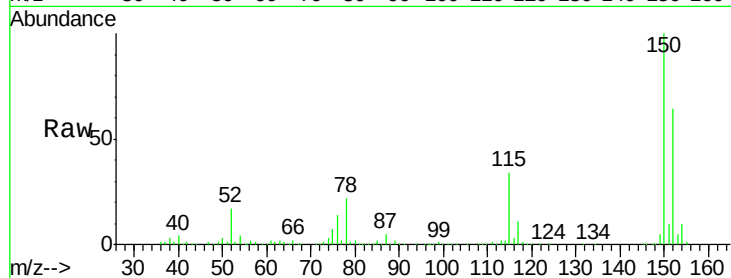
Acq: 07 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

TRIPLE-BARREL-BC-WEST



Tot Ion:152 Resp: 118038

Ion Ratio Lower Upper

152 100

115 55.9 40.0 119.9

150 156.8 0.0 350.4

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

