

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082719\
 Data File : VX011860.D
 Acq On : 27 Aug 2019 19:11
 Operator : JC/SP
 Sample : K4506-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-COMP

Quant Time: Aug 28 04:09:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

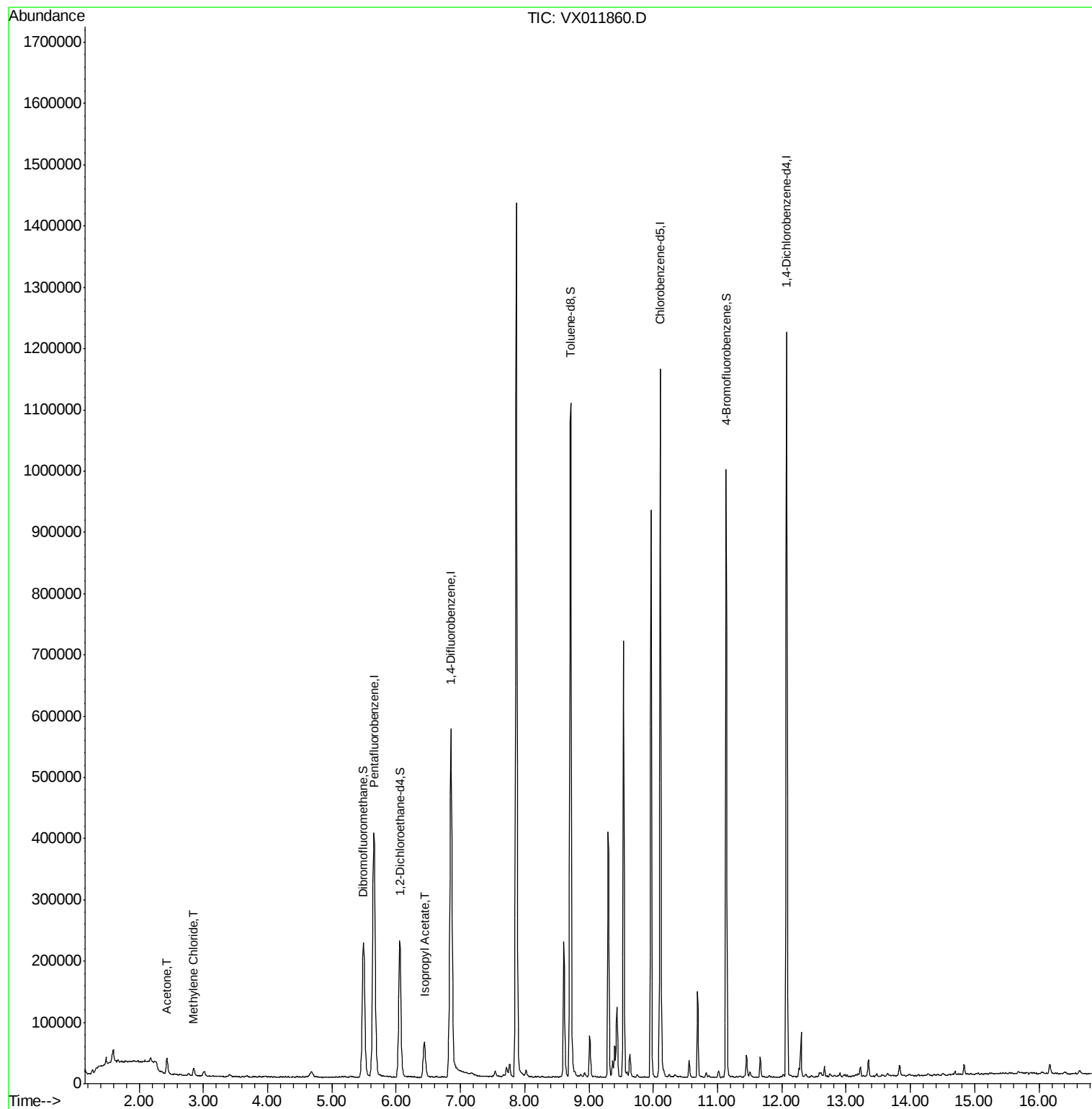
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	423156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	576134	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	511576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	247620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	212488	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	5.49	113	181422	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	8.71	98	661196	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.13	95	240234	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
Target Compounds						
16) Acetone	2.43	43	27620	14.937	ug/l	99
20) Methylene Chloride	2.85	84	5548	1.468	ug/l	96
43) Isopropyl Acetate	6.44	43	84864	10.967	ug/l	98

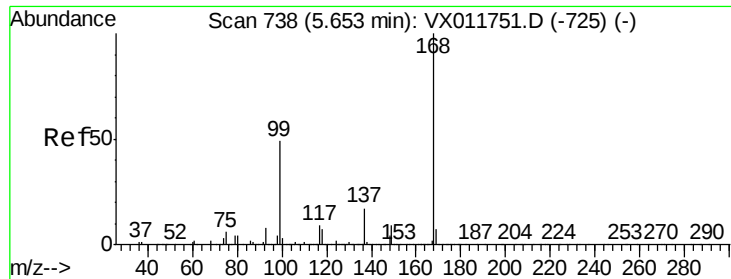
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
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: VX011860.D

Acq: 27 Aug 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

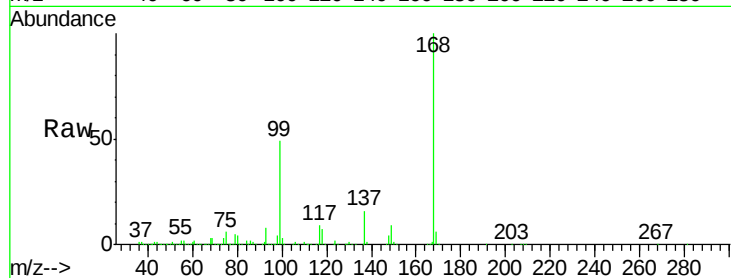
RO-COMP

Tot Ion:168 Resp: 423156

Ion Ratio Lower Upper

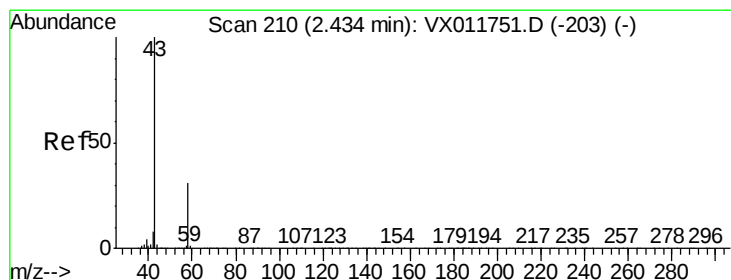
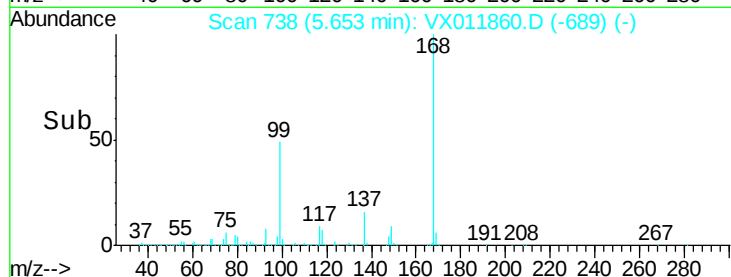
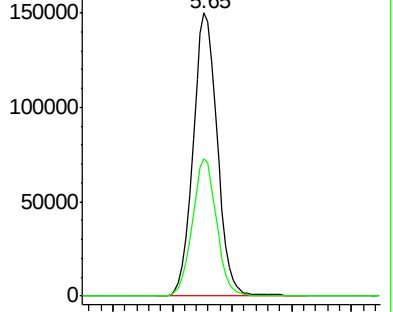
168 100

99 48.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 14.937 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011860.D

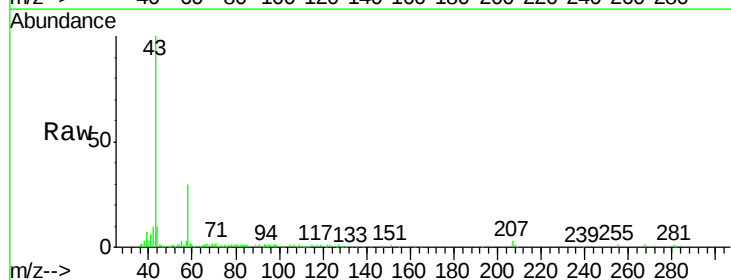
Acq: 27 Aug 2019 19:11

Tgt Ion: 43 Resp: 27620

Ion Ratio Lower Upper

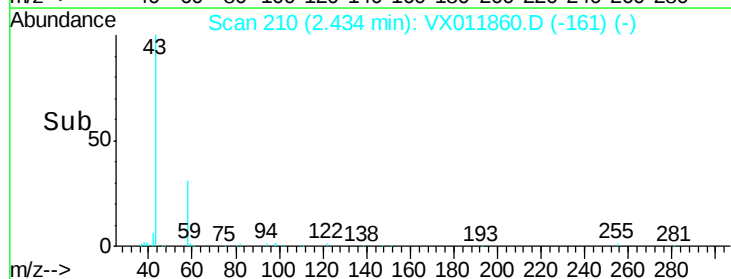
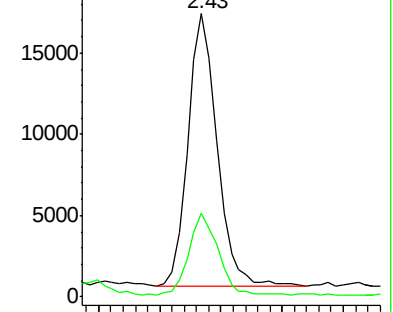
43 100

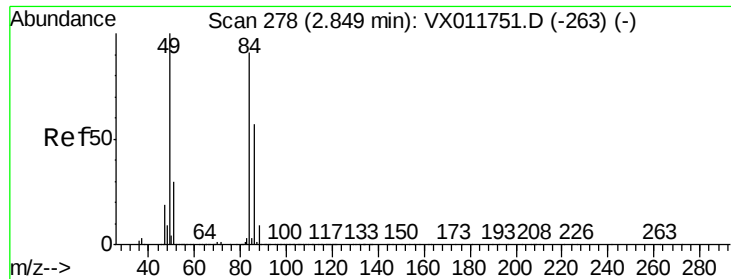
58 30.0 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

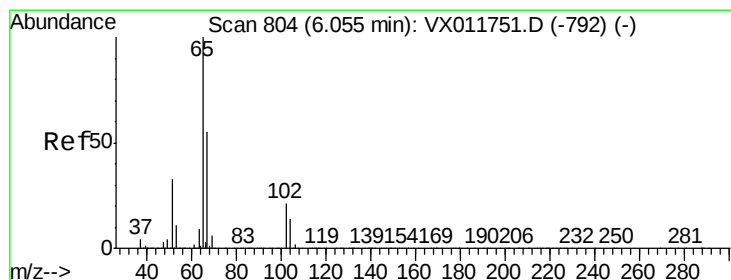
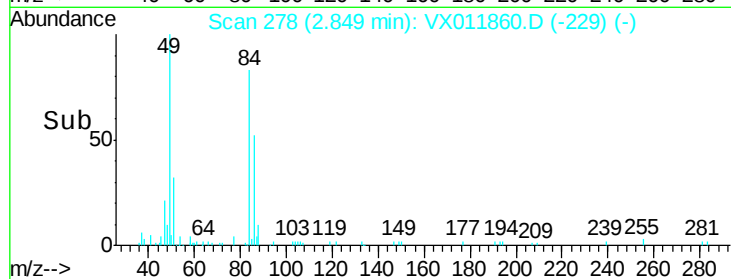
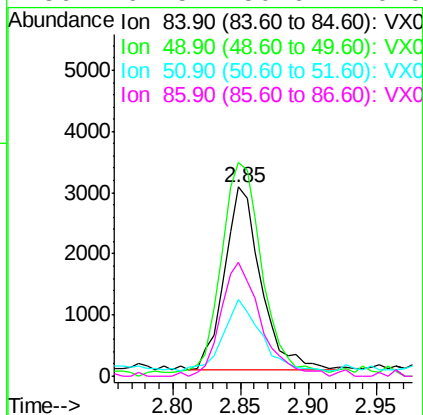
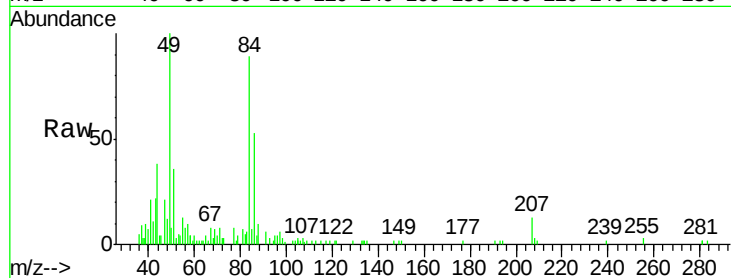




#20
Methvlene Chloride
Concen: 1.468 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011860.D
Acq: 27 Aug 2019 19:11

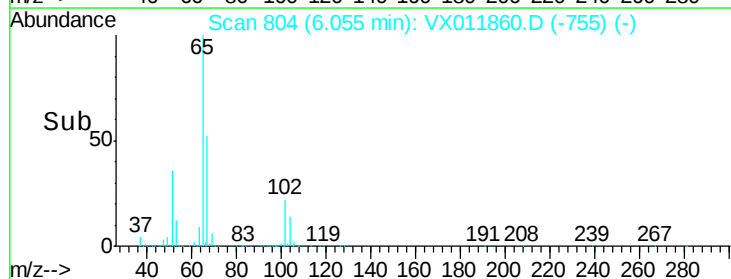
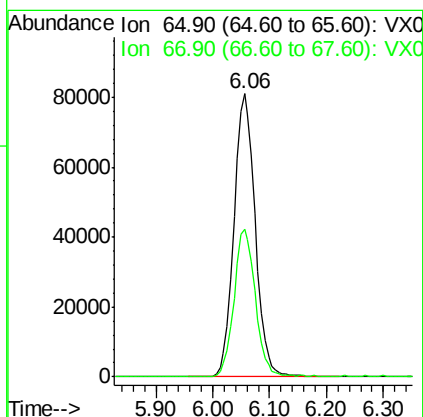
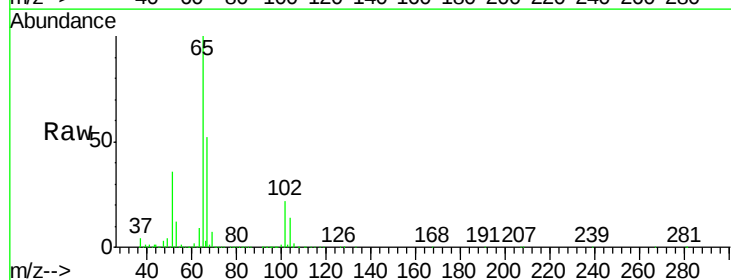
Instrument :
MSVOA_X
ClientSampleId :
RO-COMP

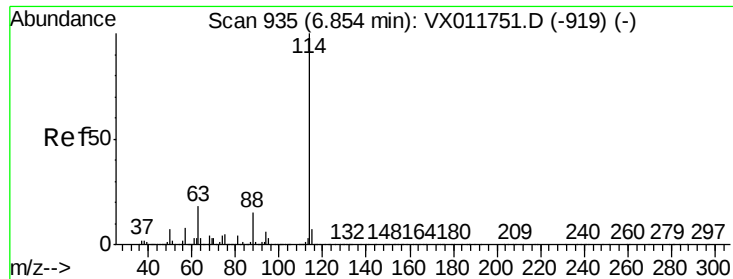
Tot Ion:	84	Resp:	5548
Ion	Ratio	Lower	Upper
84	100		
49	113.9	88.3	132.5
51	38.4	26.2	39.2
86	62.5	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 49.987 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011860.D
Acq: 27 Aug 2019 19:11

Tgt Ion:	65	Resp:	212488
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	107.8

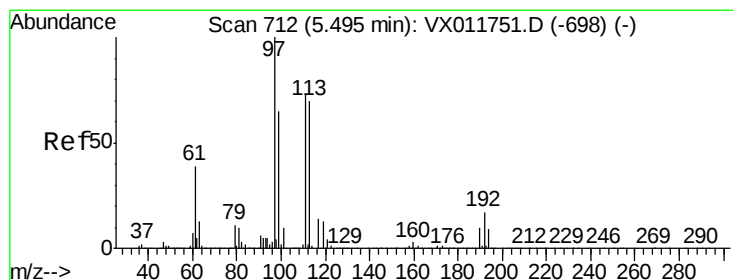
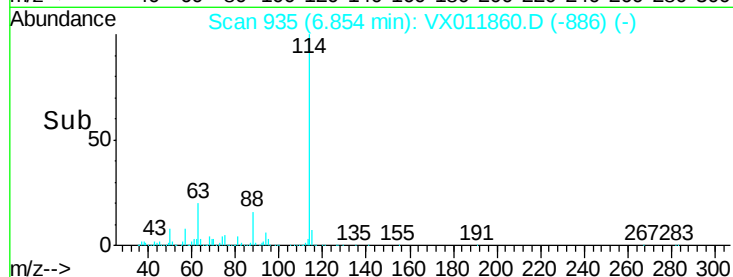
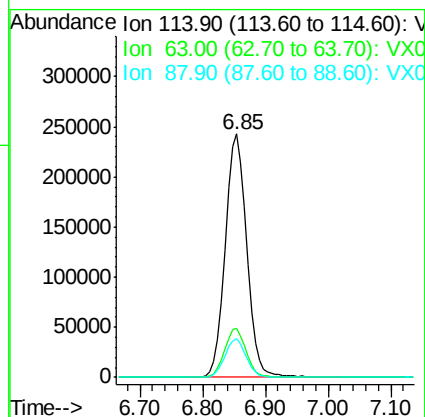
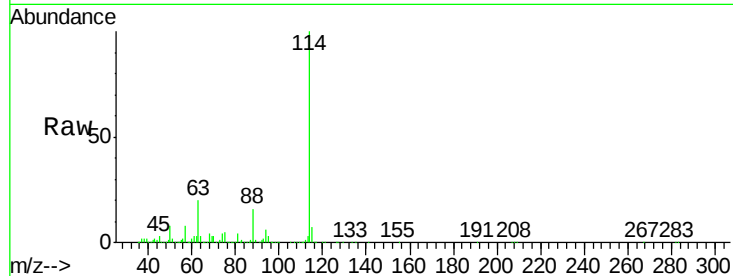




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.00 min
Lab File: VX011860.D
Acq: 27 Aug 2019 19:11

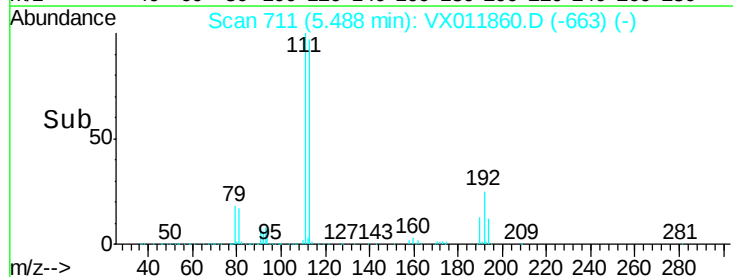
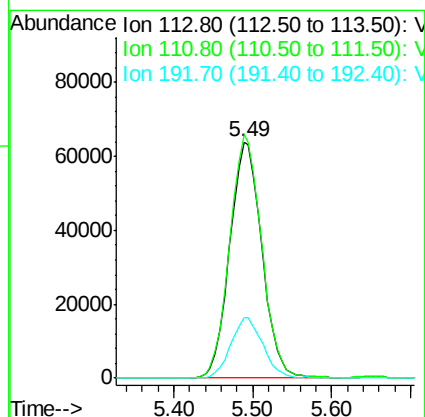
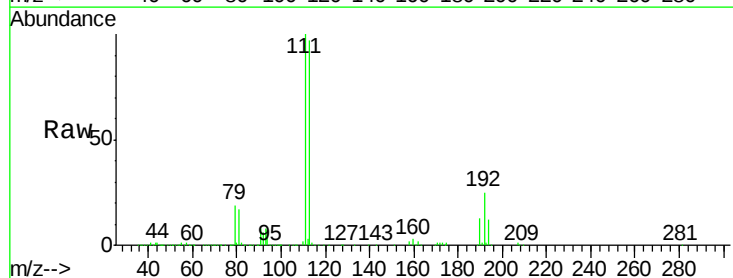
Instrument :
MSVOA_X
ClientSampleId :
RO-COMP

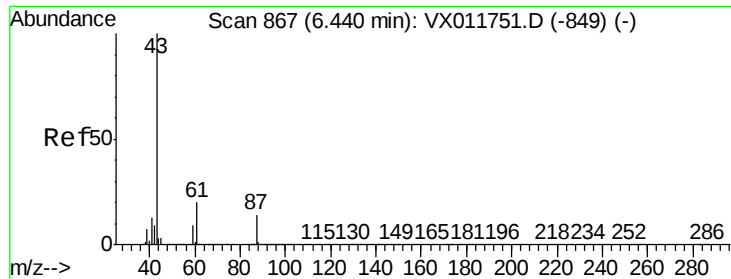
Tot Ion:114 Resp: 576134
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.8
88 15.9 0.0 30.2



#35
Dibromofluoromethane
Concen: 48.697 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011860.D
Acq: 27 Aug 2019 19:11

Tgt Ion:113 Resp: 181422
Ion Ratio Lower Upper
113 100
111 102.5 81.0 121.4
192 25.6 19.9 29.9



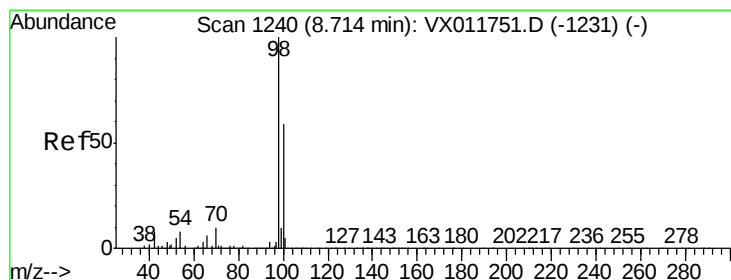
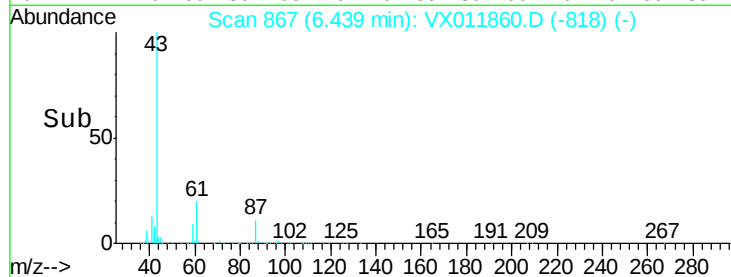
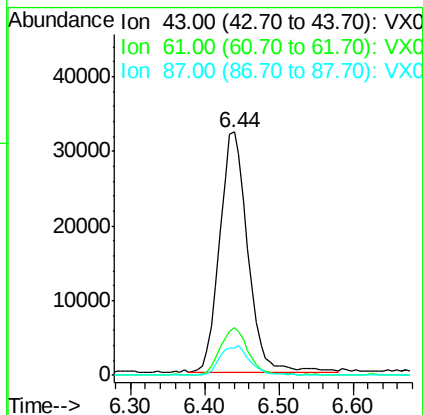
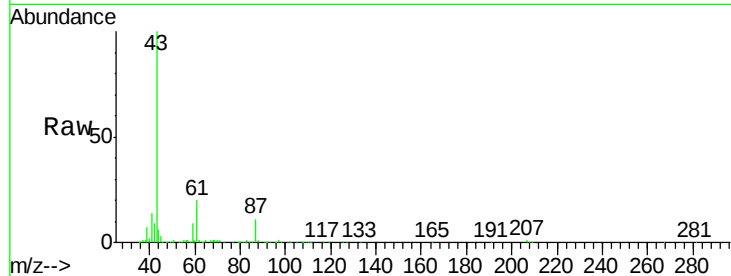


#43

Isopropyl Acetate
 Concen: 10.967 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: VX011860.D
 Acq: 27 Aug 2019 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-COMP

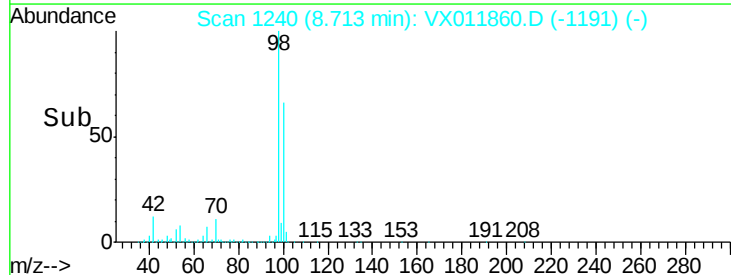
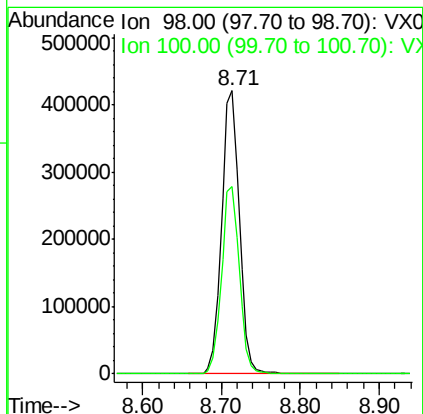
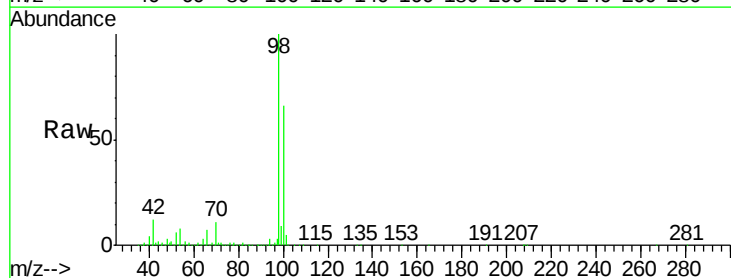
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.2	24.2
87	12.8	11.6	17.4

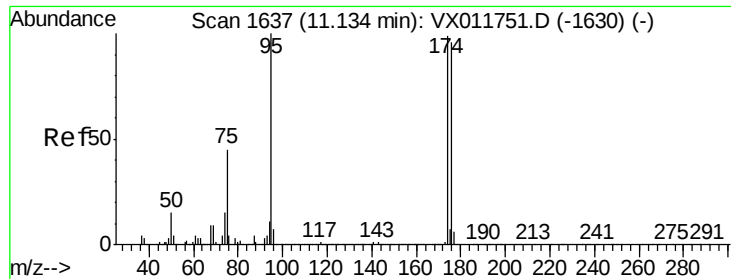


#50

Toluene-d8
 Concen: 50.882 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011860.D
 Acq: 27 Aug 2019 19:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 46.772 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011860.D

Acq: 27 Aug 2019 19:11

Instrument :

MSVOA_X

ClientSampled :

RO-COMP

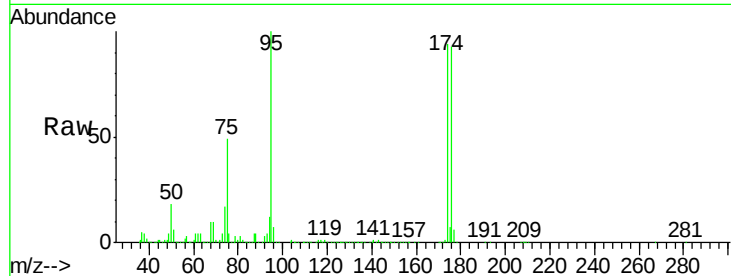
Tot Ion: 95 Resp: 240234

Ion Ratio Lower Upper

95 100

174 94.9 0.0 197.4

176 92.5 0.0 194.4

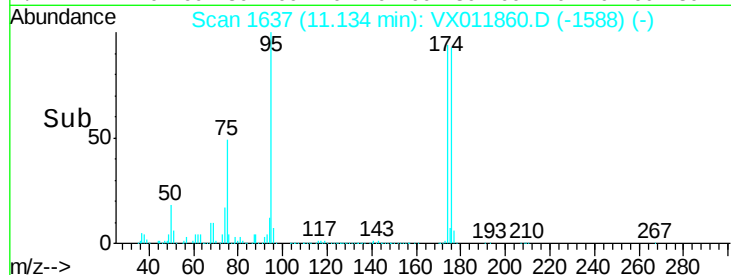


Abundance Ion 94.90 (94.60 to 95.60): VX011751.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX011751.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX011751.D (-1630) (-)

Time-->



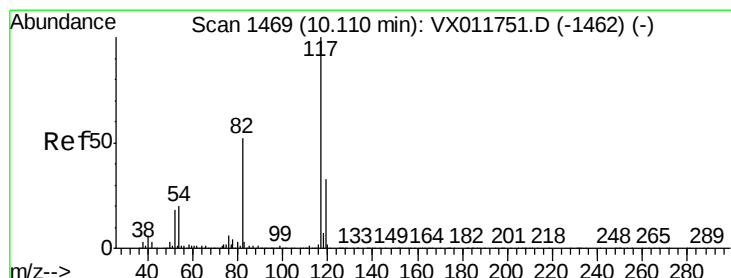
Abundance

Ion 94.90 (94.60 to 95.60): VX011860.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011860.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011860.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011860.D

Acq: 27 Aug 2019 19:11

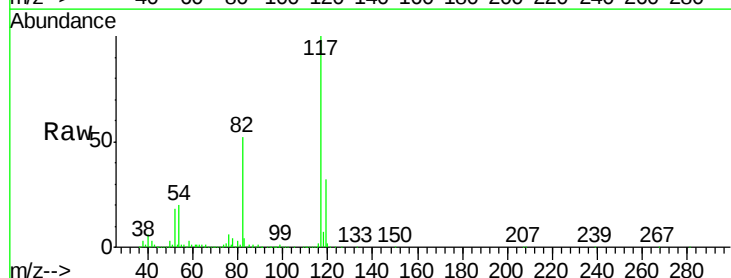
Tgt Ion: 117 Resp: 511576

Ion Ratio Lower Upper

117 100

82 52.2 41.7 62.5

119 32.1 26.2 39.2

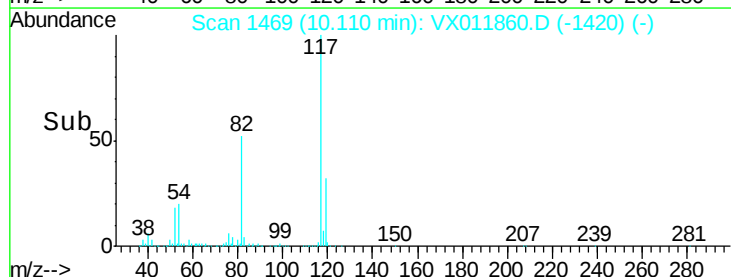


Abundance Ion 116.90 (116.60 to 117.60): VX011751.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX011751.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX011751.D (-1462) (-)

Time-->



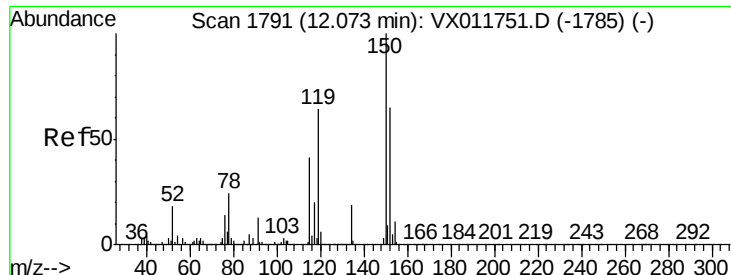
Abundance

Ion 116.90 (116.60 to 117.60): VX011860.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011860.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011860.D (-1420) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011860.D

Acq: 27 Aug 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

RO-COMP

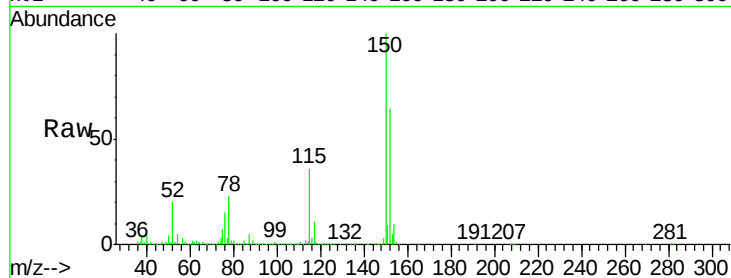
Tot Ion:152 Resp: 247620

Ion Ratio Lower Upper

152 100

115 54.9 37.3 111.8

150 156.7 0.0 343.0



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

