

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082419\
 Data File : VX011819.D
 Acq On : 24 Aug 2019 15:28
 Operator : JC/SP
 Sample : K4090-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-082219

Quant Time: Aug 26 04:28:14 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

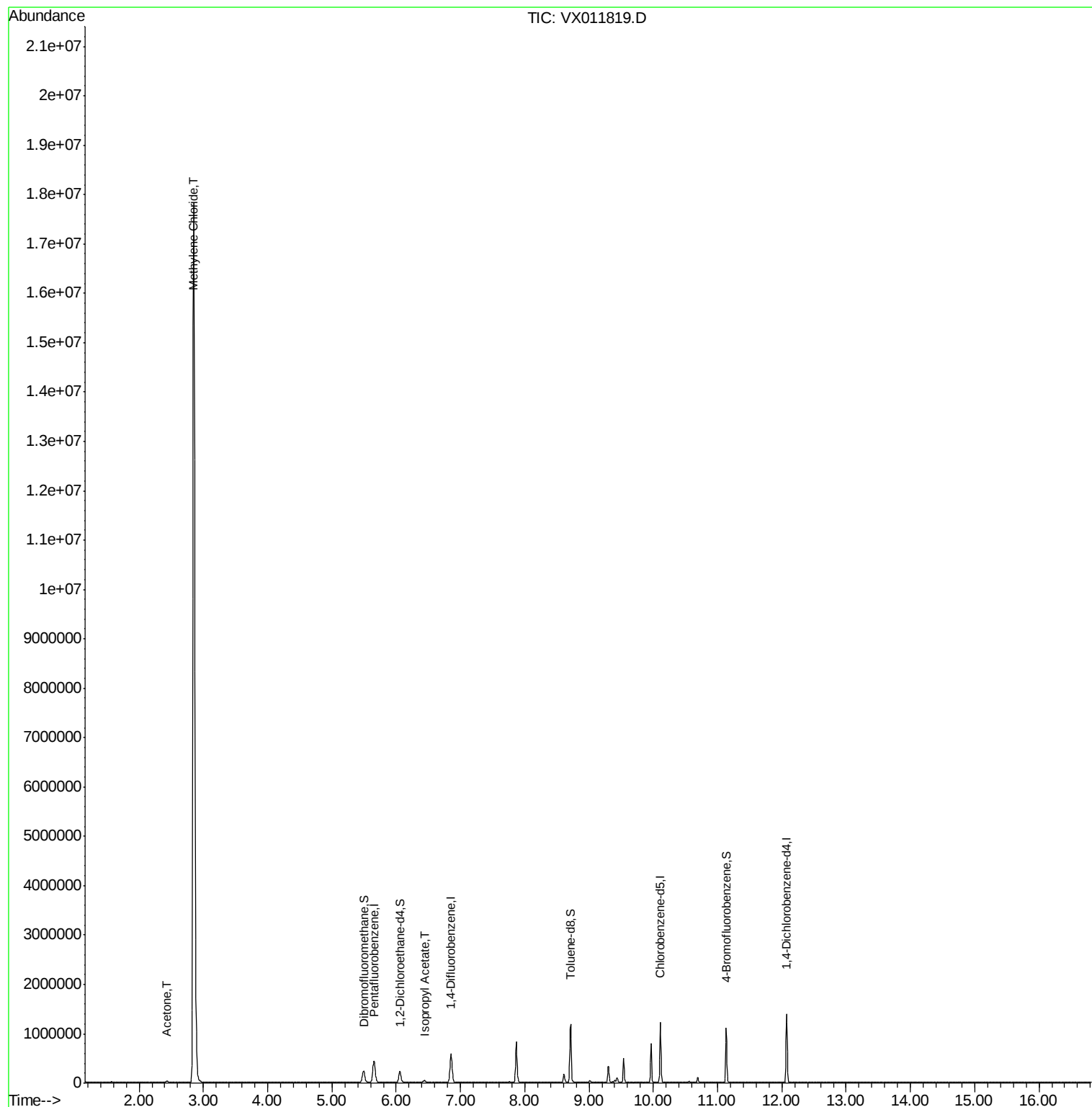
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	473255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	634303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	591977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	314060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	212075	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.22%	
35) Dibromofluoromethane	5.49	113	192896	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	8.71	98	730208	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	11.13	95	271923	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
Target Compounds						
16) Acetone	2.43	43	35782	17.302	ug/l	95
20) Methylene Chloride	2.85	84	9464159	2238.404	ug/l	97
43) Isopropyl Acetate	6.44	43	54241	6.367	ug/l	96

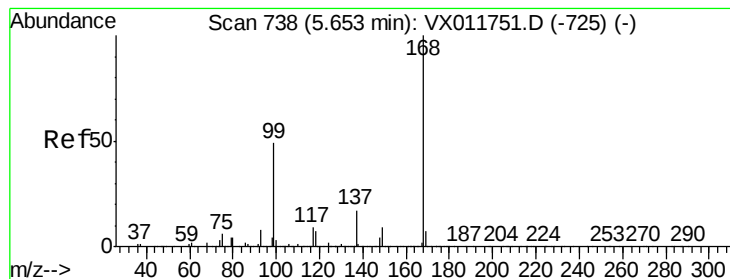
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082419\
Data File : VX011819.D
Acq On : 24 Aug 2019 15:28
Operator : JC/SP
Sample : K4090-16
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OR-03-082219

Quant Time: Aug 26 04:28:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
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: VX011819.D

Acq: 24 Aug 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

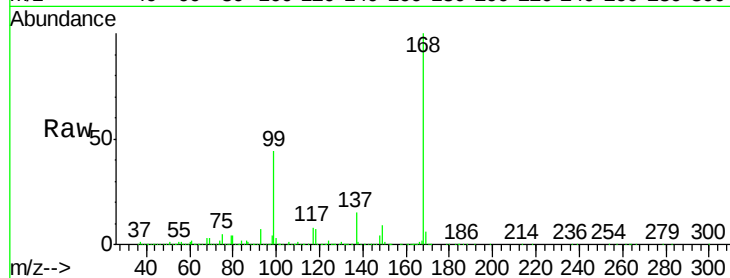
OR-03-082219

Tot Ion:168 Resp: 473255

Ion Ratio Lower Upper

168 100

99 44.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

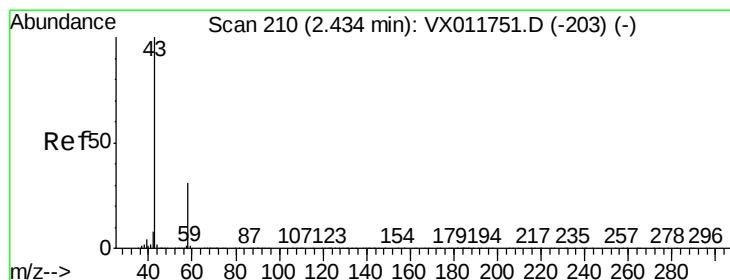
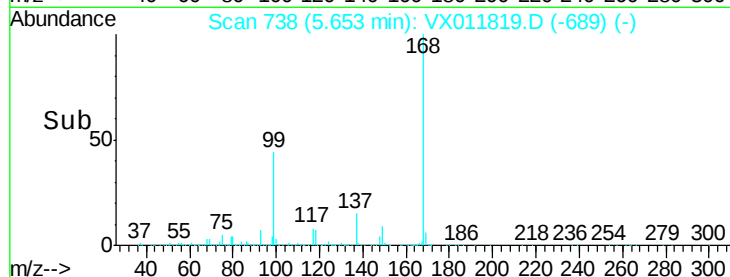
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 17.302 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011819.D

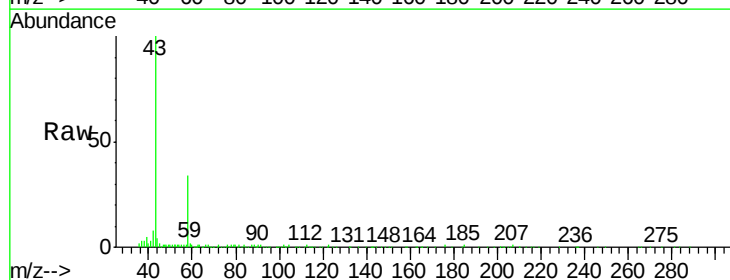
Acq: 24 Aug 2019 15:28

Tgt Ion: 43 Resp: 35782

Ion Ratio Lower Upper

43 100

58 33.4 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

25000

20000

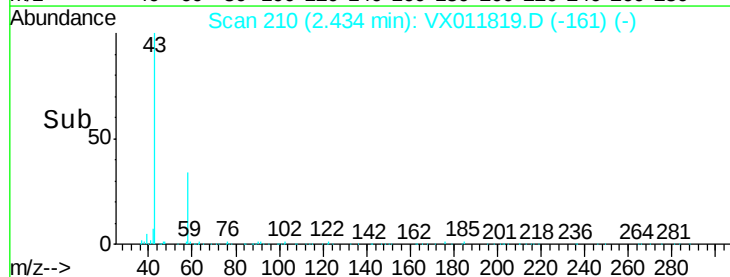
15000

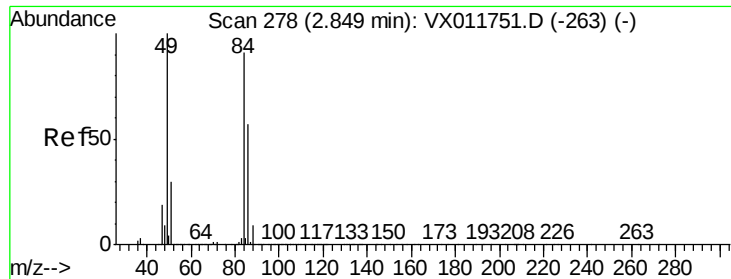
10000

5000

0

Time-->





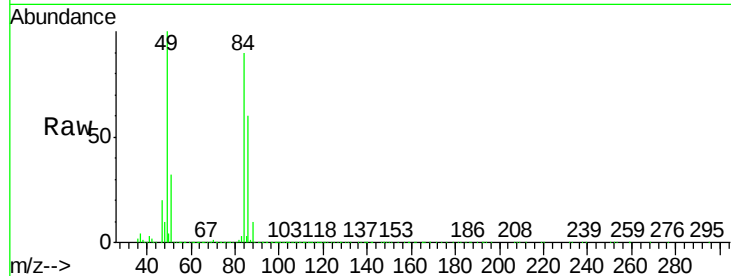
#20

Methylene Chloride
 Concen: 2238.404 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. -0.00 min
 Lab File: VX011819.D
 Acq: 24 Aug 2019 15:28

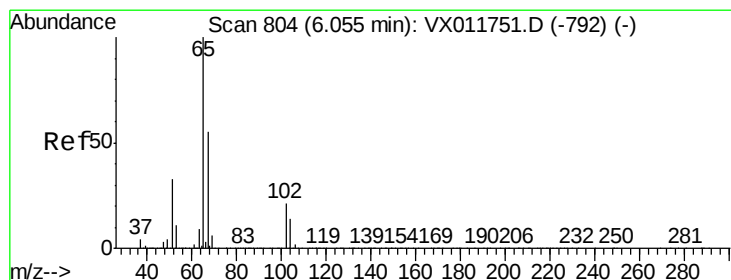
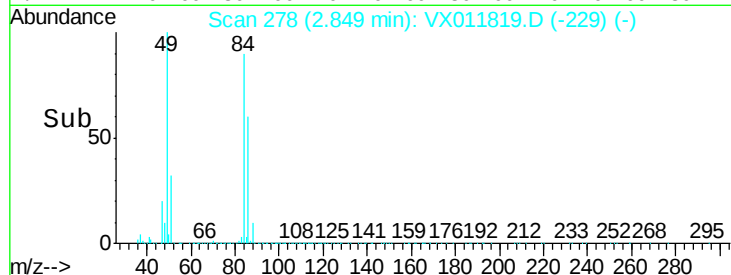
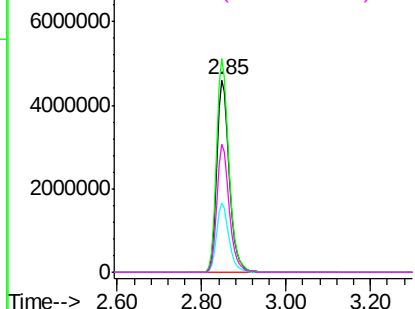
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-082219

Tot Ion: 84 Resp: 9464159

Ion	Ratio	Lower	Upper
84	100		
49	111.2	88.3	132.5
51	36.1	26.2	39.2
86	66.6	50.6	76.0



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

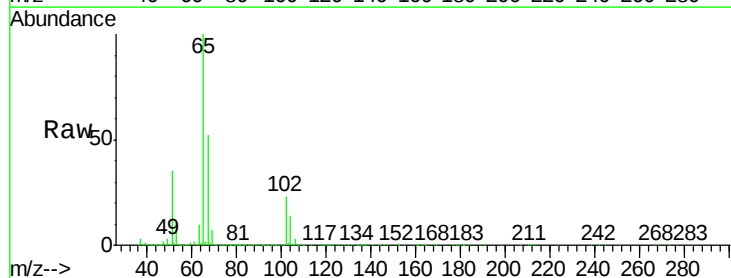


#33

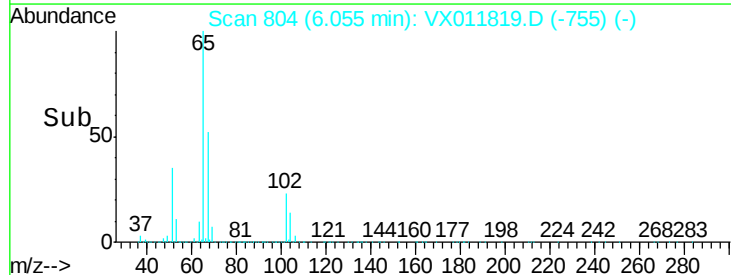
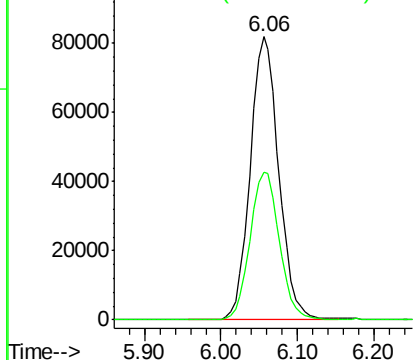
1,2-Dichloroethane-d4
 Concen: 44.609 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011819.D
 Acq: 24 Aug 2019 15:28

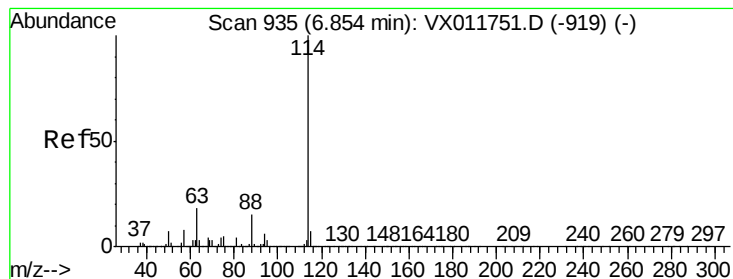
Tgt Ion: 65 Resp: 212075

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.8



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: VX011819.D

Acq: 24 Aug 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

OR-03-082219

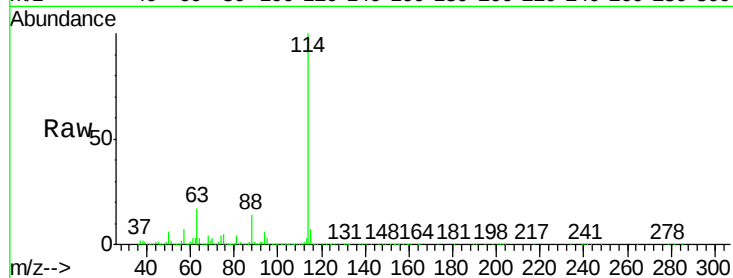
Tot Ion:114 Resp: 634303

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.8

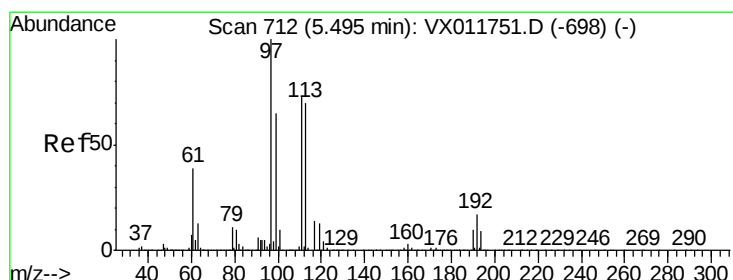
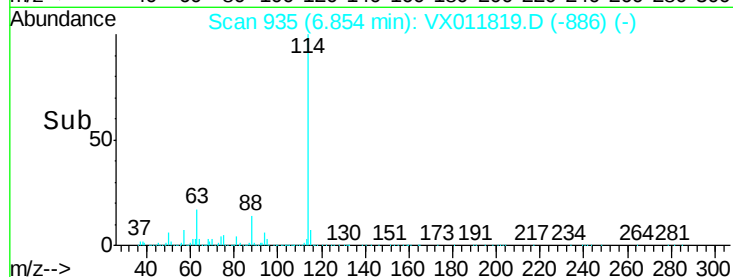
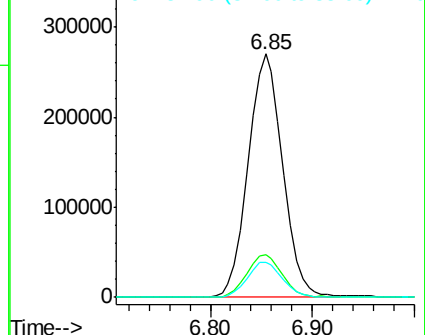
88 14.2 0.0 30.2



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: 47.029 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011819.D

Acq: 24 Aug 2019 15:28

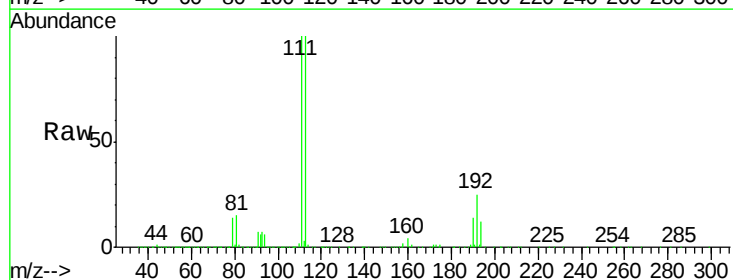
Tgt Ion:113 Resp: 192896

Ion Ratio Lower Upper

113 100

111 102.0 81.0 121.4

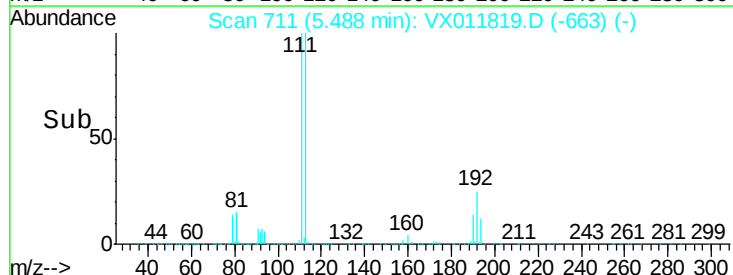
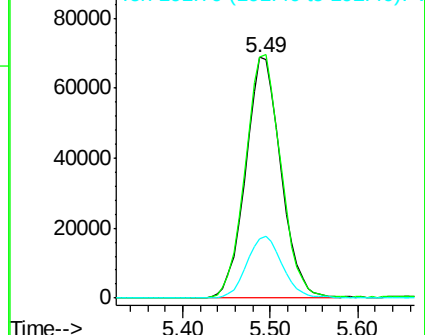
192 26.0 19.9 29.9

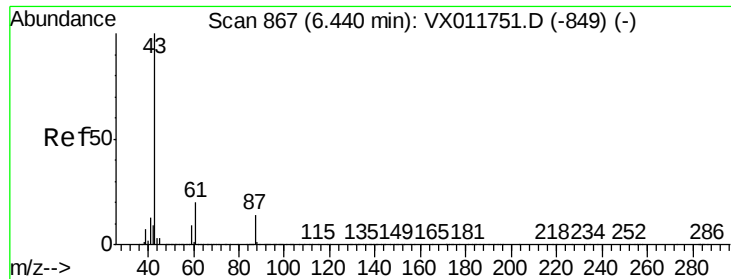


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.367 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011819.D

Acq: 24 Aug 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

OR-03-082219

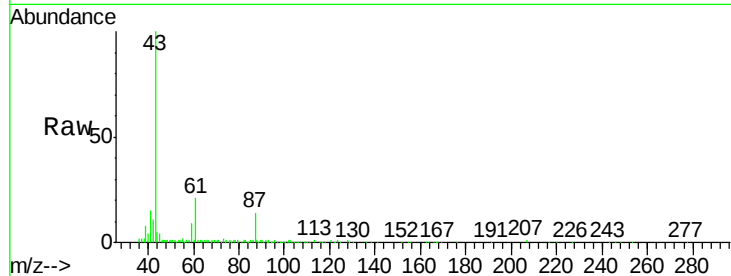
Tot Ion: 43 Resp: 54241

Ion Ratio Lower Upper

43 100

61 22.5 16.2 24.2

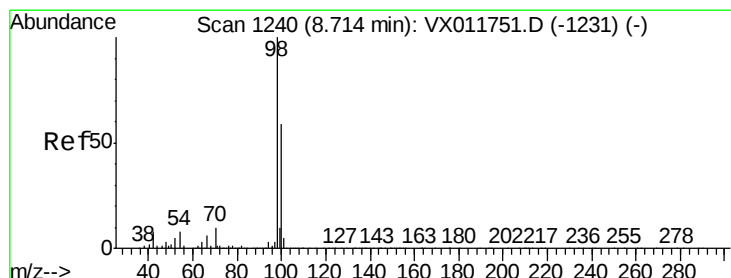
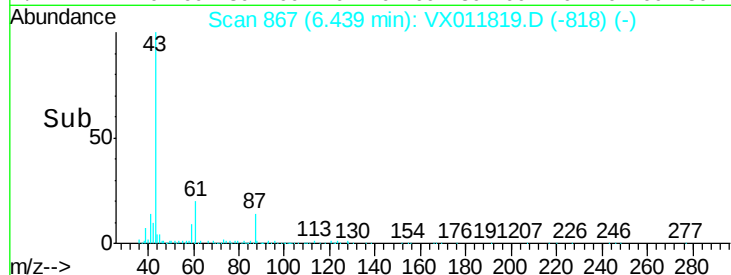
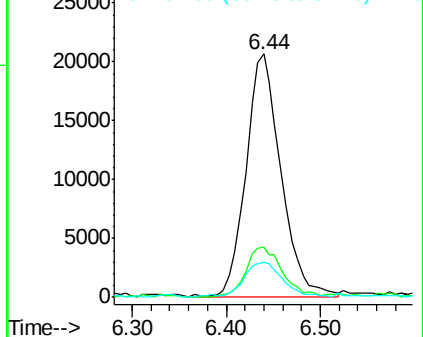
87 15.9 11.6 17.4



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: 51.040 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011819.D

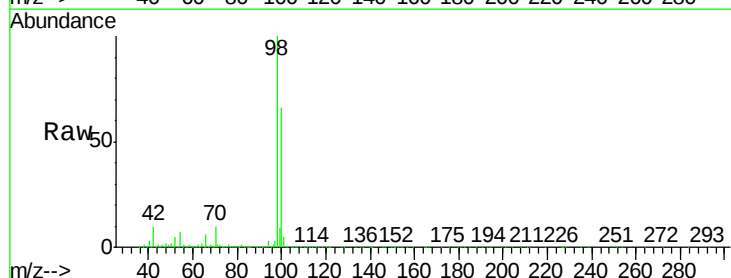
Acq: 24 Aug 2019 15:28

Tgt Ion: 98 Resp: 730208

Ion Ratio Lower Upper

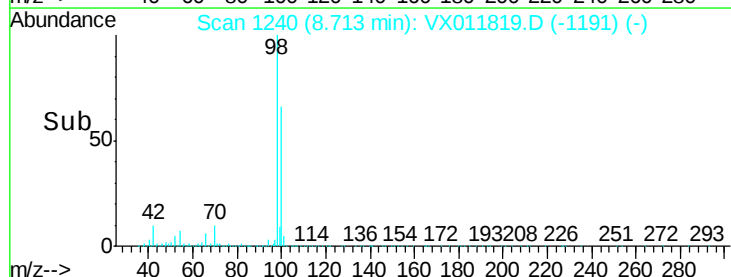
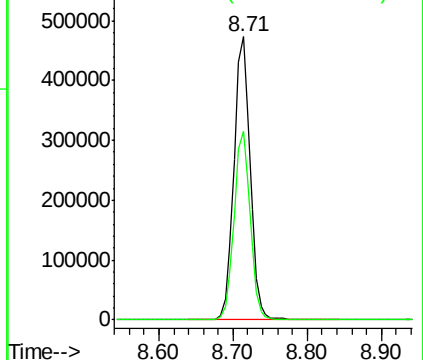
98 100

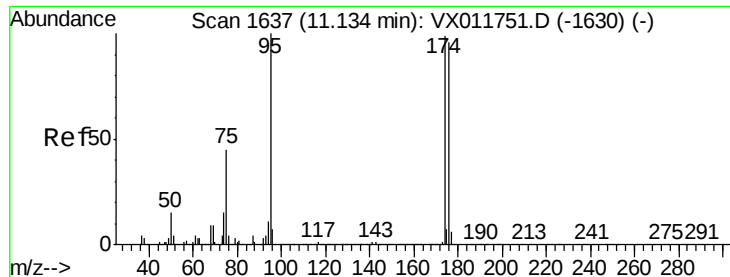
100 65.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.087 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011819.D

Acq: 24 Aug 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

OR-03-082219

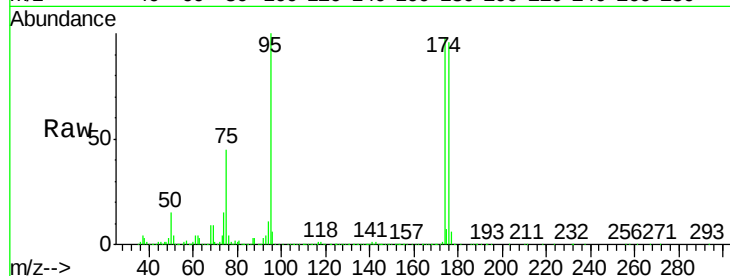
Tot Ion: 95 Resp: 271923

Ion Ratio Lower Upper

95 100

174 100.5 0.0 197.4

176 98.6 0.0 194.4

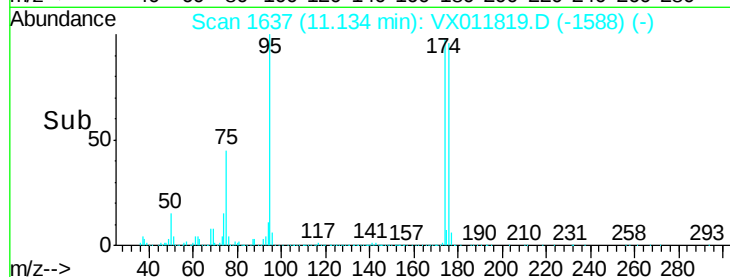


Abundance Ion 94.90 (94.60 to 95.60): VX011751.D (-1630) (-)

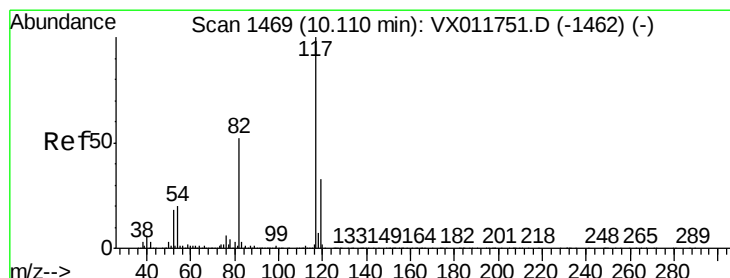
Ion 173.80 (173.50 to 174.50): VX011751.D (-1630) (-)

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

Time--> 11.05 11.10 11.15 11.20



Time--> 11.05 11.10 11.15 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011819.D

Acq: 24 Aug 2019 15:28

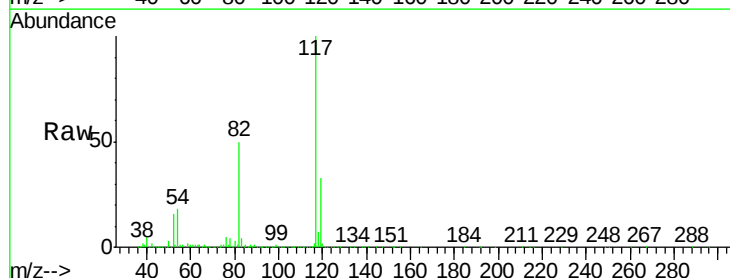
Tgt Ion: 117 Resp: 591977

Ion Ratio Lower Upper

117 100

82 50.3 41.7 62.5

119 32.6 26.2 39.2

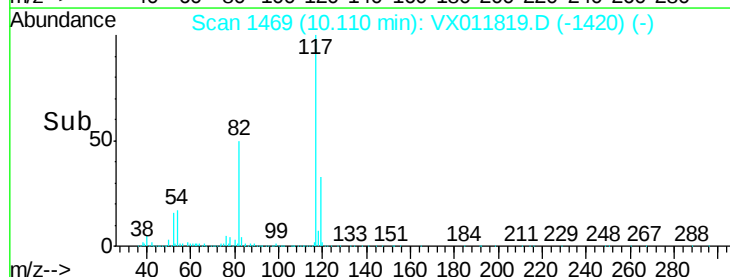


Abundance Ion 116.90 (116.60 to 117.60): VX011751.D (-1462) (-)

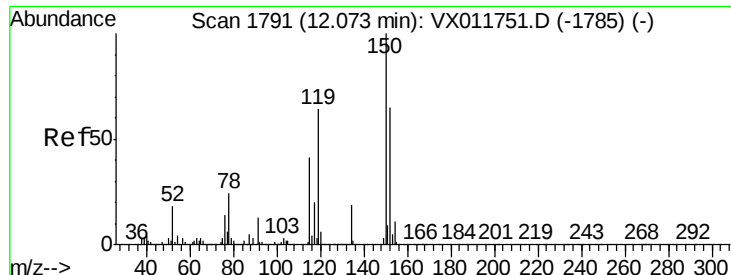
Ion 82.00 (81.70 to 82.70): VX011751.D (-1462) (-)

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

Time--> 10.00 10.10 10.20



Time--> 10.00 10.10 10.20



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011819.D

Acq: 24 Aug 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

OR-03-082219

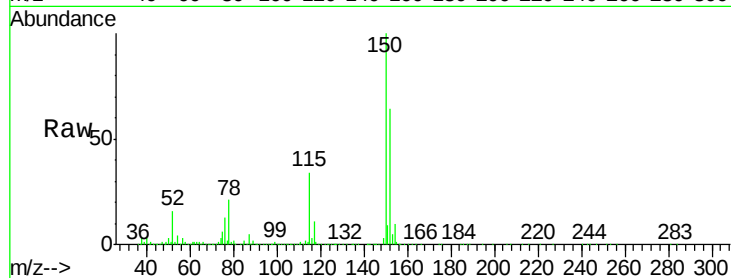
Tot Ion:152 Resp: 314060

Ion Ratio Lower Upper

152 100

115 52.5 37.3 111.8

150 157.0 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

