

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030719\
 Data File : VX007915.D
 Acq On : 08 Mar 2019 06:03
 Operator : JC/SP
 Sample : K1760-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-12

Quant Time: Mar 08 08:34:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 06:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	276638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	428753	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	421701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204875	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	151875	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	
35) Dibromofluoromethane	5.50	113	139712	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
50) Toluene-d8	8.71	98	538959	53.51	ug/l	0.00
Spiked Amount			Recovery	=	107.02%	
62) 4-Bromofluorobenzene	11.13	95	198600	56.24	ug/l	0.00
Spiked Amount			Recovery	=	112.48%	

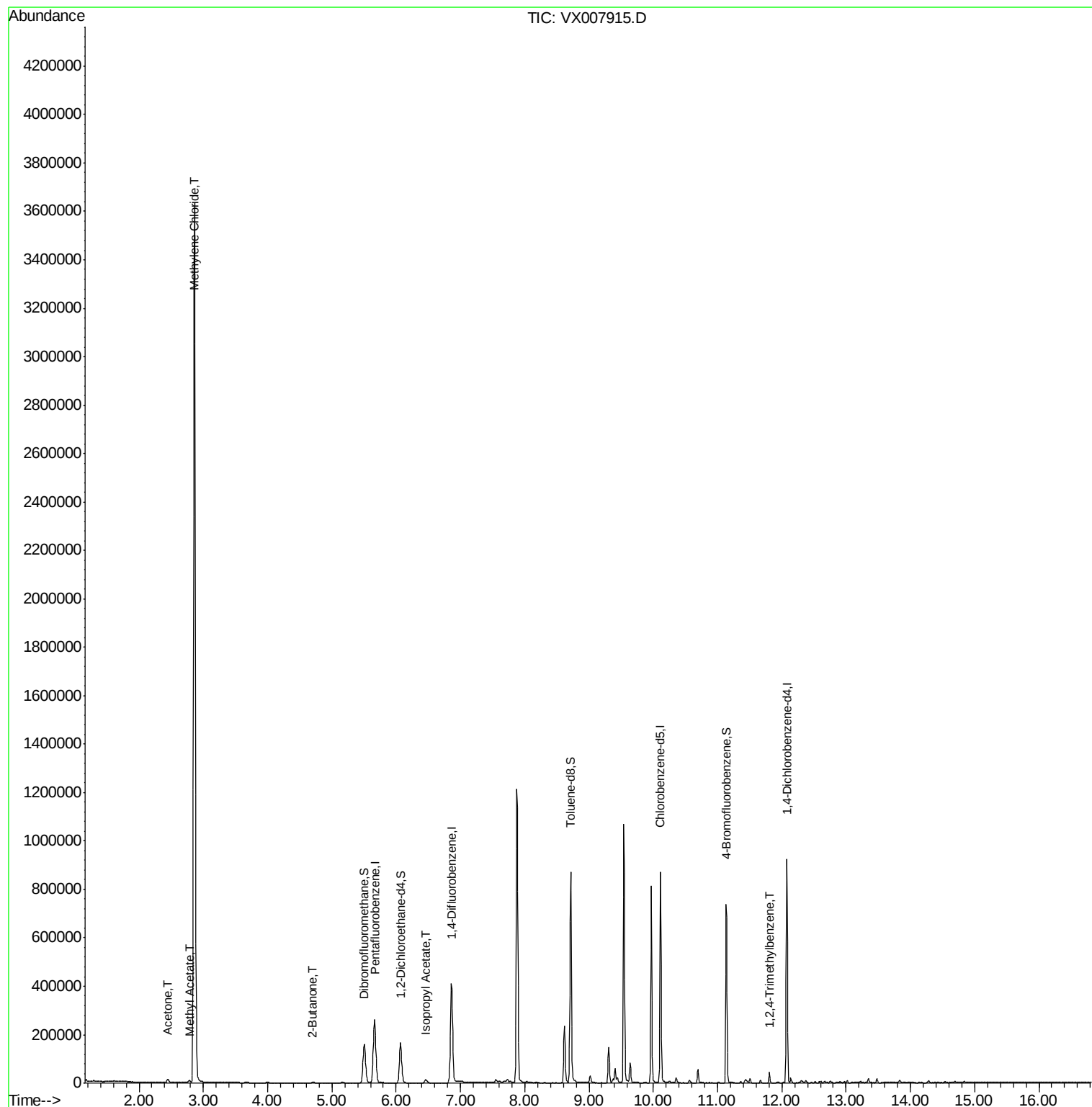
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	12145	7.190	ug/l	99
18) Methyl Acetate	2.78	43	10331	2.879	ug/l	99
20) Methylene Chloride	2.86	84	1671587	621.816	ug/l	99
25) 2-Butanone	4.70	43	2545	1.064	ug/l	95
43) Isopropyl Acetate	6.46	43	16142	2.367	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	18889m	1.616	ug/l	

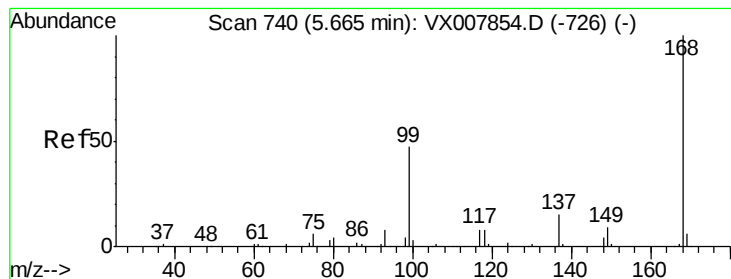
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 06:16:52 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: VX007915.D

Acq: 08 Mar 2019 06:03

Instrument :

MSVOA_X

ClientSampleId :

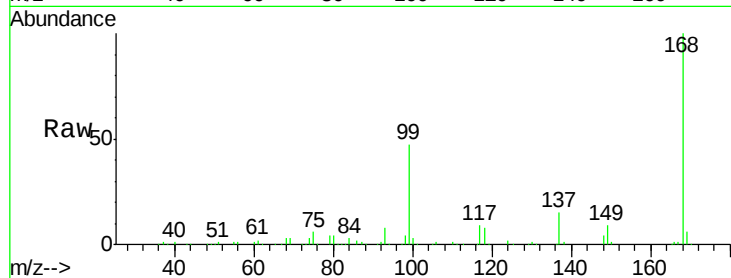
Z2-12

Tot Ion:168 Resp: 276638

Ion Ratio Lower Upper

168 100

99 47.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

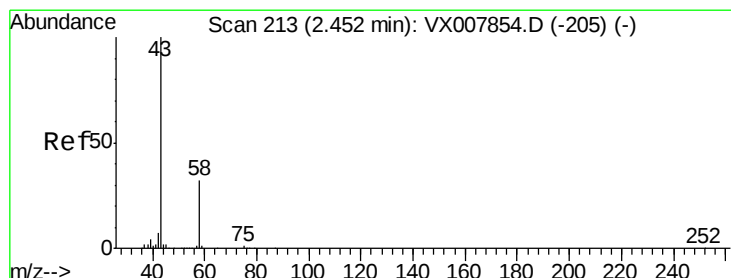
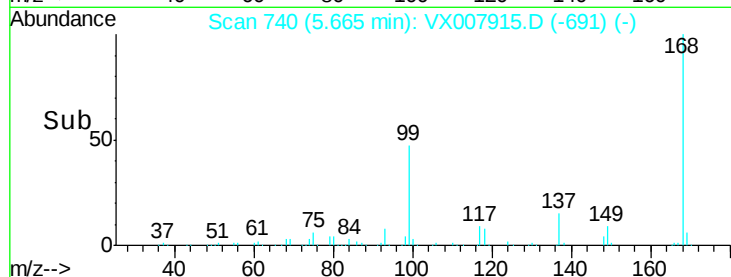
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.190 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007915.D

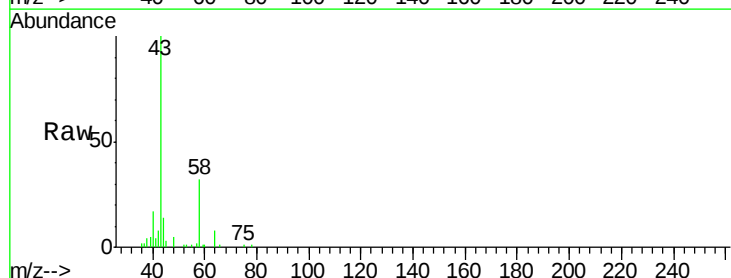
Acq: 08 Mar 2019 06:03

Tgt Ion: 43 Resp: 12145

Ion Ratio Lower Upper

43 100

58 32.2 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

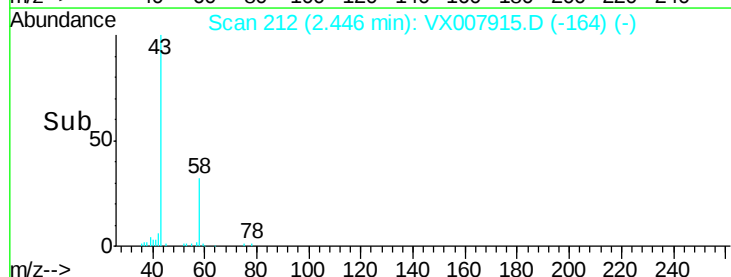
6000

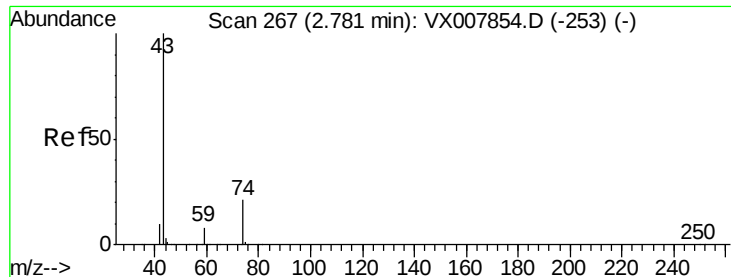
4000

2000

0

Time--> 2.40 2.45 2.50

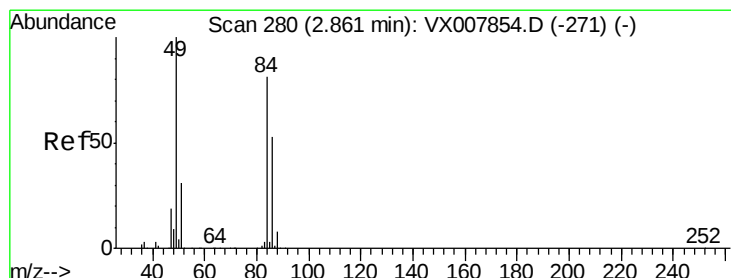
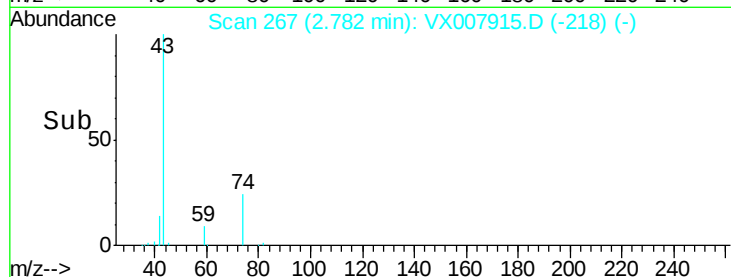
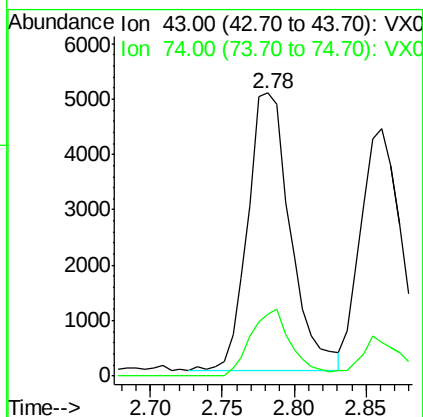
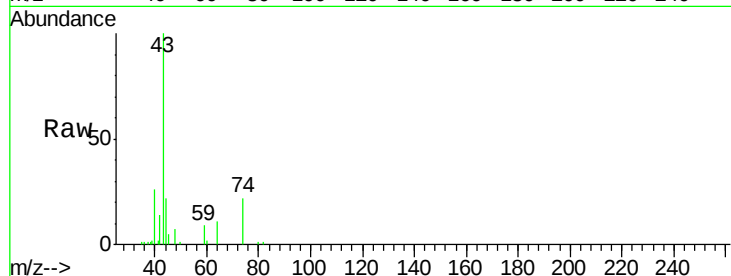




#18
Methyl Acetate
Concen: 2.879 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007915.D
Acq: 08 Mar 2019 06:03

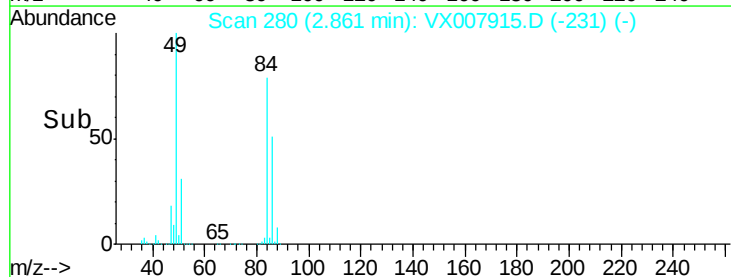
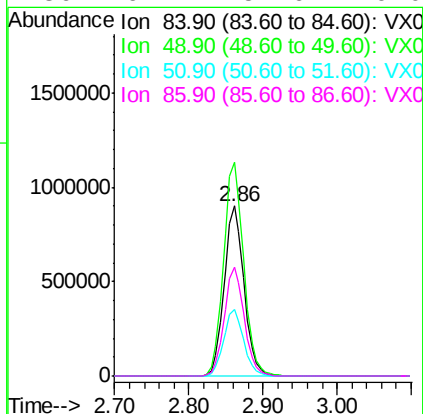
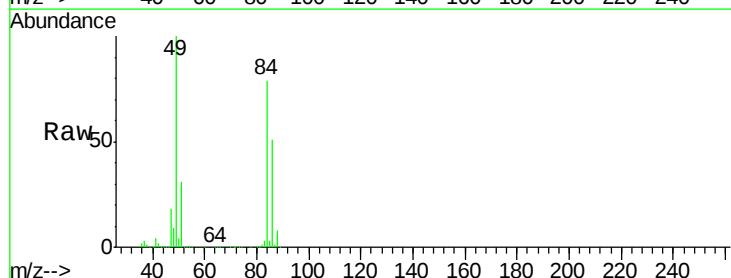
Instrument :
MSVOA_X
ClientSampled :
Z2-12

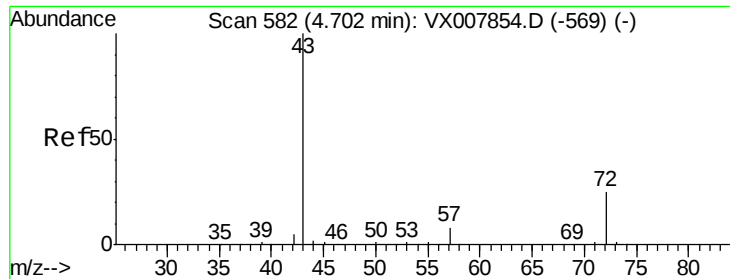
Tot Ion: 43 Resp: 10331
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.6



#20
Methylene Chloride
Concen: 621.816 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007915.D
Acq: 08 Mar 2019 06:03

Tgt Ion: 84 Resp: 1671587
Ion Ratio Lower Upper
84 100
49 125.9 99.3 148.9
51 39.2 31.3 46.9
86 64.2 52.6 79.0





#25

2-Butanone

Concen: 1.064 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007915.D

Acq: 08 Mar 2019 06:03

Instrument :

MSVOA_X

ClientSampled :

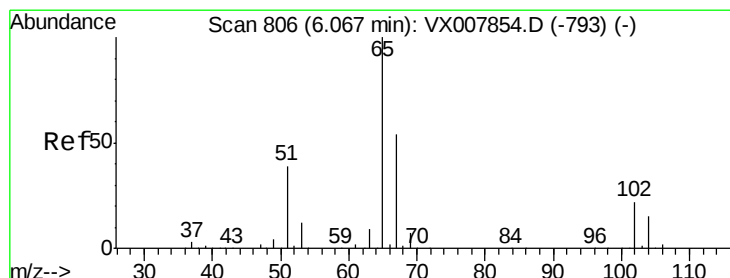
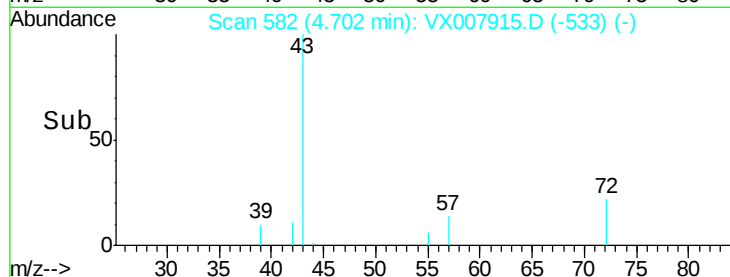
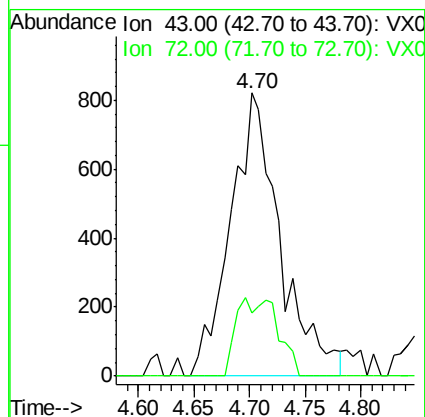
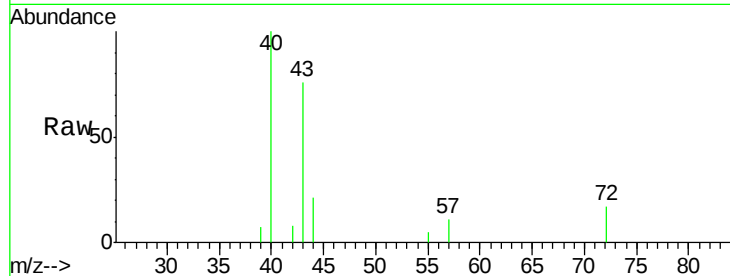
Z2-12

Tot Ion: 43 Resp: 2545

Ion Ratio Lower Upper

43 100

72 22.3 19.9 29.9



#33

1,2-Dichloroethane-d4

Concen: 52.043 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007915.D

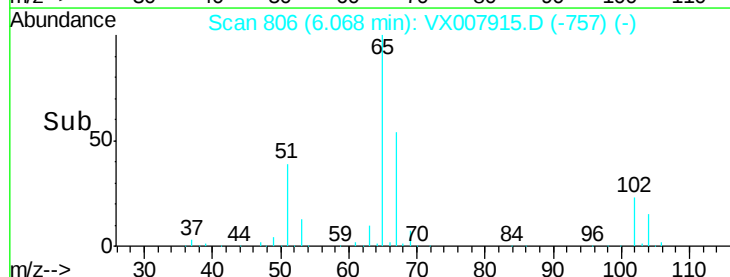
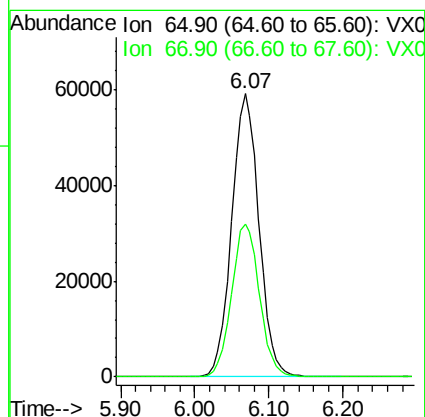
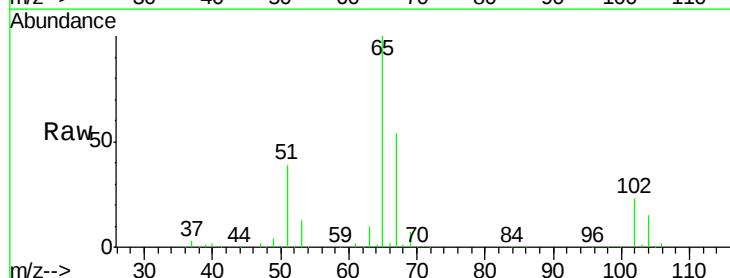
Acq: 08 Mar 2019 06:03

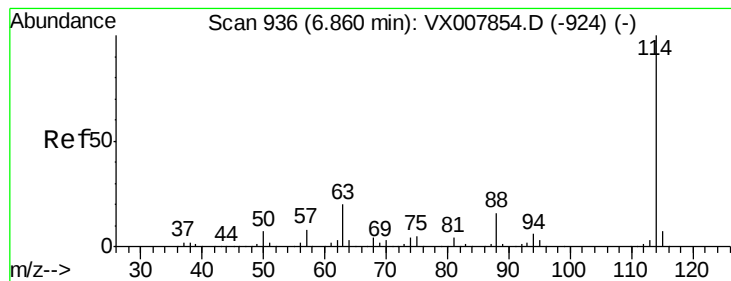
Tgt Ion: 65 Resp: 151875

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007915.D

Acq: 08 Mar 2019 06:03

Instrument :

MSVOA_X

ClientSampleId :

Z2-12

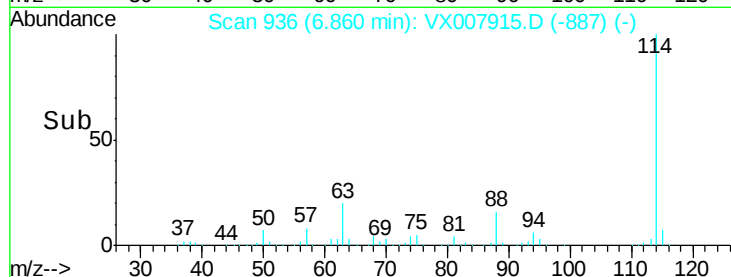
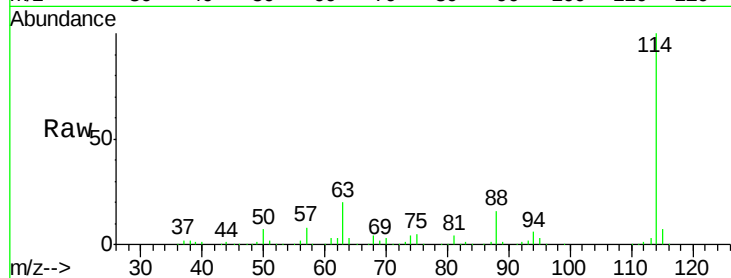
Tot Ion:114 Resp: 428753

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

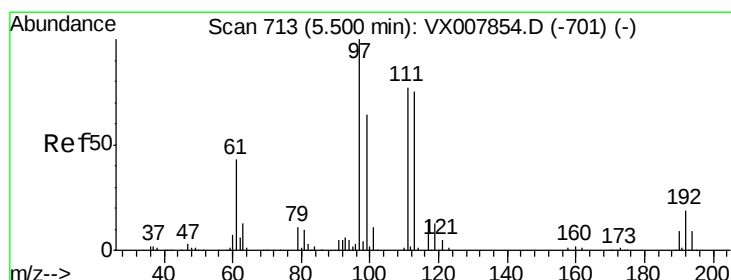
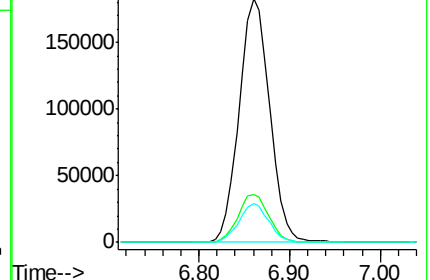
88 15.8 0.0 31.4



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: 50.942 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007915.D

Acq: 08 Mar 2019 06:03

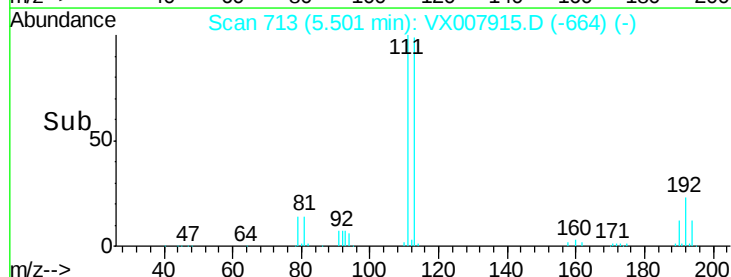
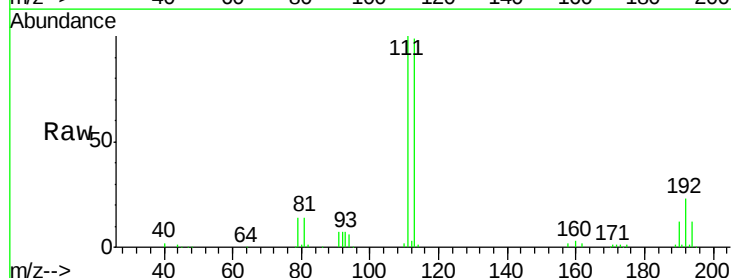
Tgt Ion:113 Resp: 139712

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

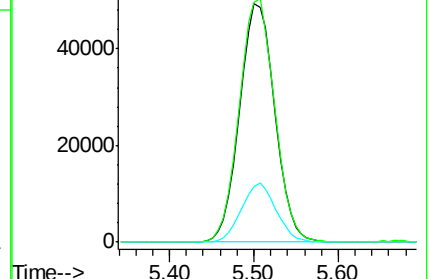
192 24.2 19.4 29.0

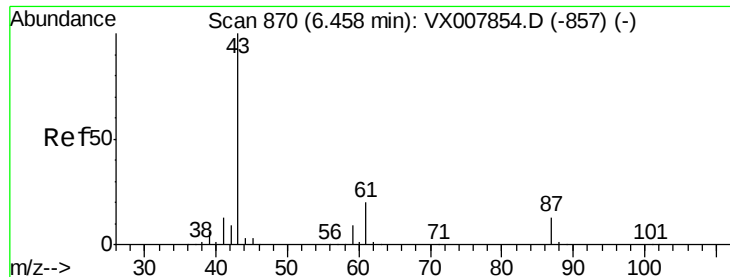


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.367 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007915.D

Acq: 08 Mar 2019 06:03

Instrument :

MSVOA_X

ClientSampleId :

Z2-12

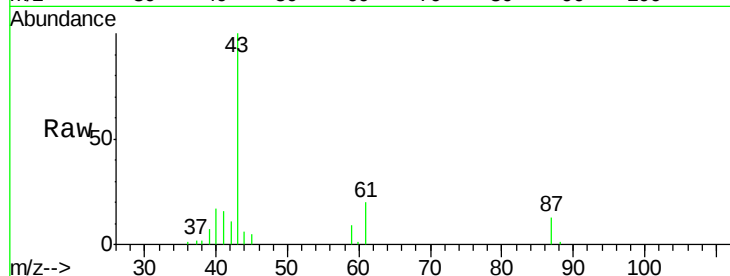
Tot Ion: 43 Resp: 16142

Ion Ratio Lower Upper

43 100

61 21.2 16.3 24.5

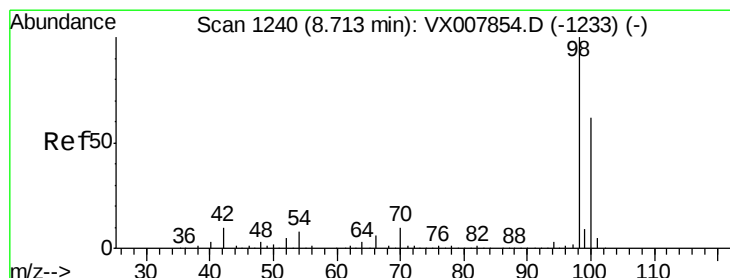
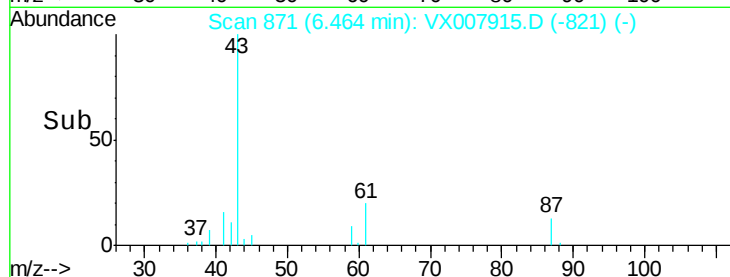
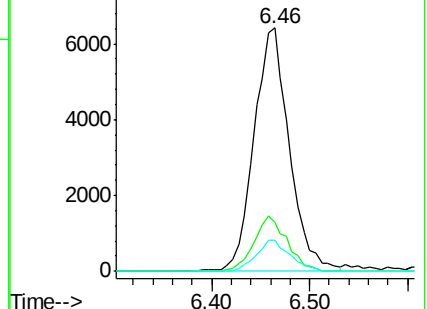
87 12.2 10.5 15.7



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: 53.509 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007915.D

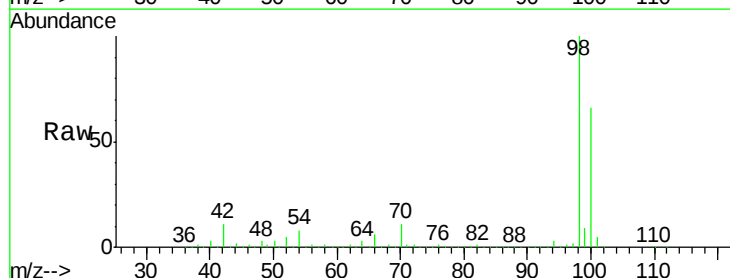
Acq: 08 Mar 2019 06:03

Tgt Ion: 98 Resp: 538959

Ion Ratio Lower Upper

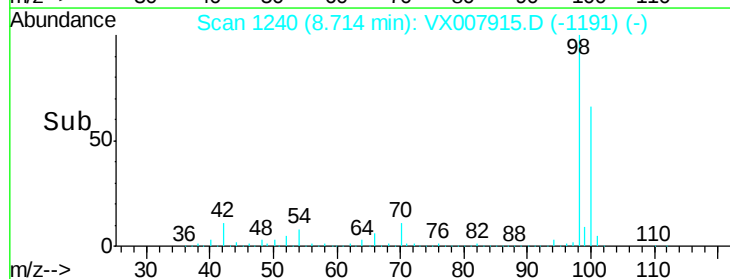
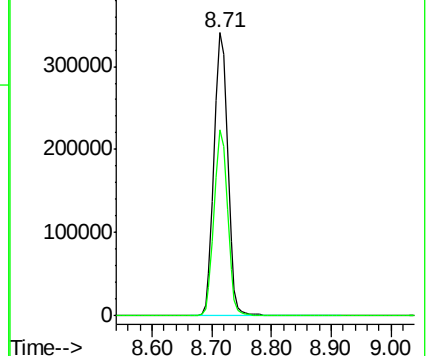
98 100

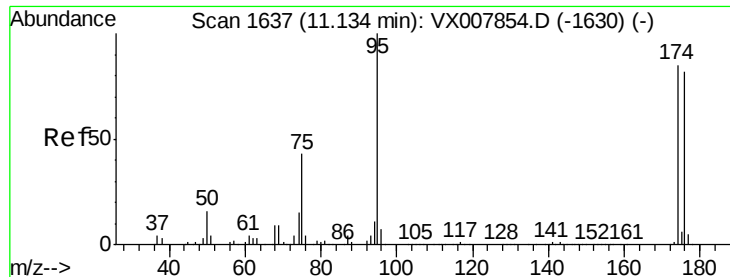
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 56.239 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007915.D

Acq: 08 Mar 2019 06:03

Instrument :

MSVOA_X

ClientSampleId :

Z2-12

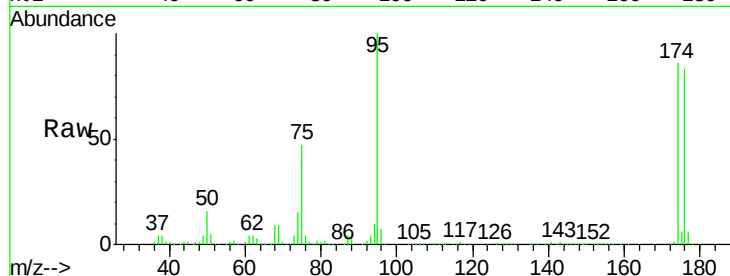
Tot Ion: 95 Resp: 198600

Ion Ratio Lower Upper

95 100

174 90.9 0.0 182.8

176 88.0 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007854.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007854.D (-1630) (-)

11.13

150000

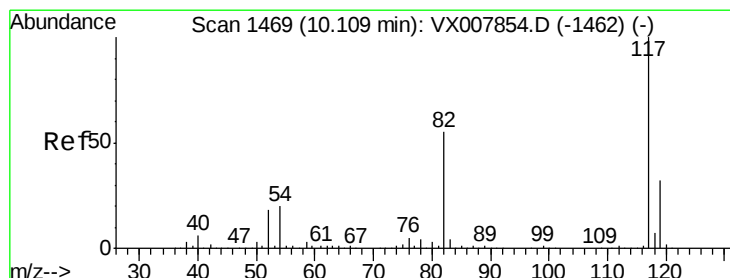
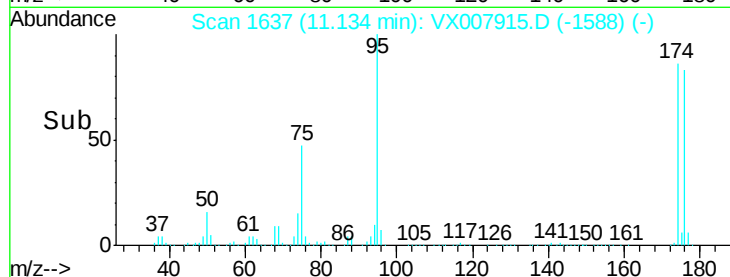
100000

50000

0

Time-->

11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007915.D

Acq: 08 Mar 2019 06:03

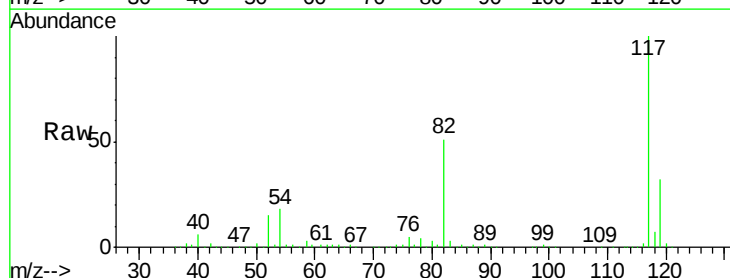
Tgt Ion: 117 Resp: 421701

Ion Ratio Lower Upper

117 100

82 51.2 44.3 66.5

119 32.5 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX007854.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX007854.D (-1462) (-)

10.12

400000

300000

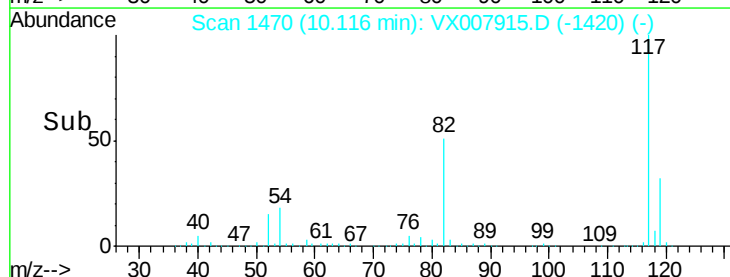
200000

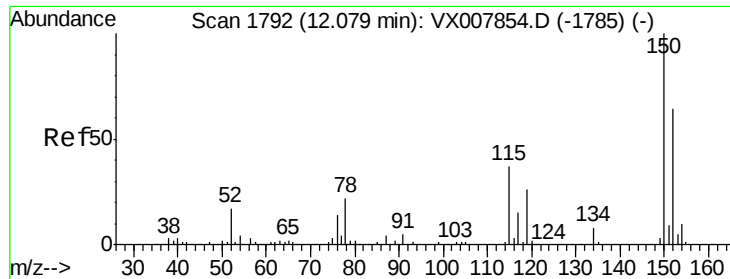
100000

0

Time-->

10.00 10.10 10.20 10.30





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007915.D

Acq: 08 Mar 2019 06:03

Instrument :

MSVOA_X

ClientSampleId :

Z2-12

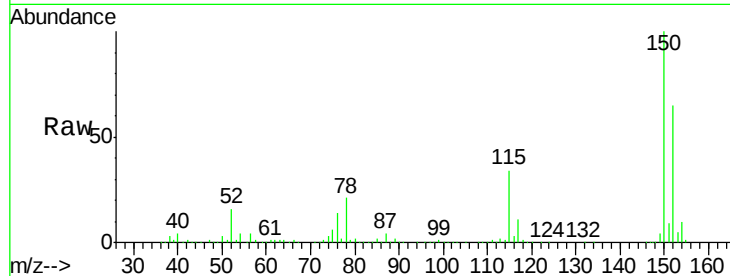
Tot Ion:152 Resp: 204875

Ion Ratio Lower Upper

152 100

115 55.0 38.6 115.7

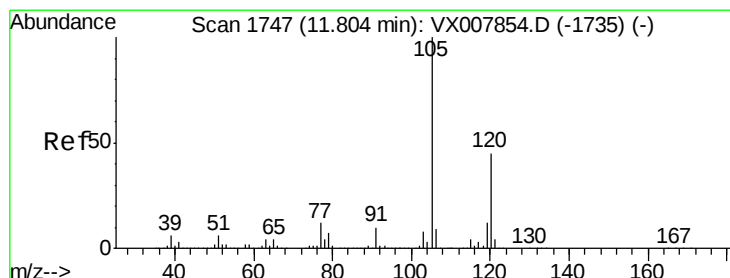
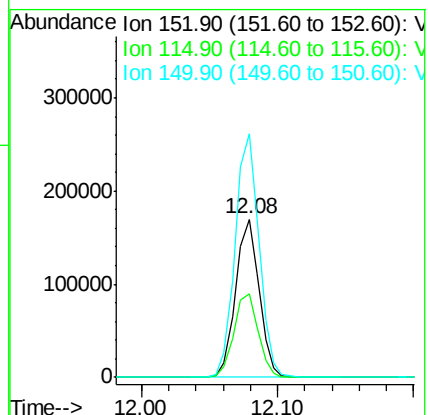
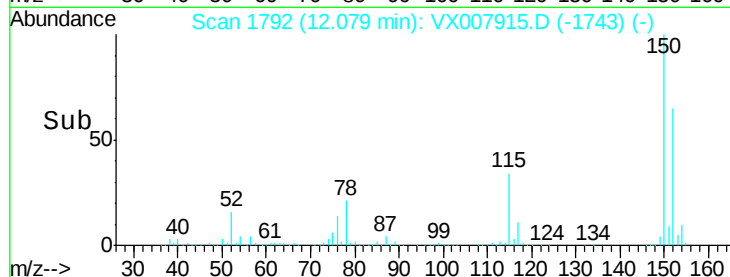
150 156.4 0.0 348.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.616 ug/l m

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007915.D

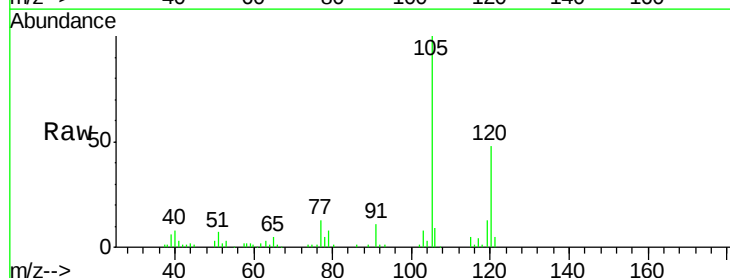
Acq: 08 Mar 2019 06:03

Tgt Ion:105 Resp: 18889

Ion Ratio Lower Upper

105 100

120 0.0 22.6 67.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

