

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041119\
 Data File : VX008871.D
 Acq On : 11 Apr 2019 22:43
 Operator : JC/SP
 Sample : K2343-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-7-D

Quant Time: Apr 12 08:49:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

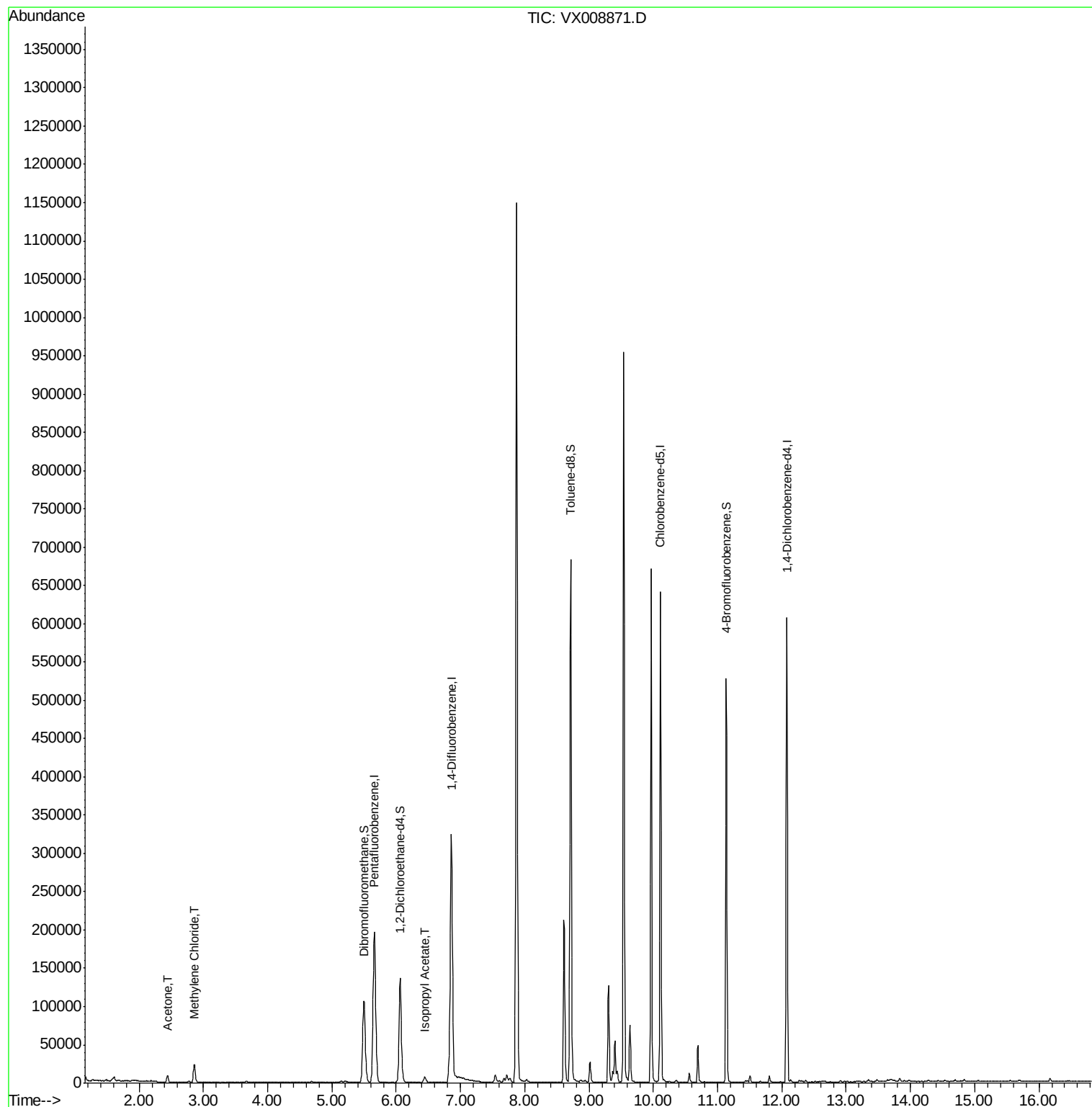
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	308610	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125636	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
35) Dibromofluoromethane	5.49	113	92321	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
50) Toluene-d8	8.71	98	394648	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	134924	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
Target Compounds						
16) Acetone	2.44	43	10050	6.209	ug/l	94
20) Methylene Chloride	2.85	84	10974	4.050	ug/l	97
43) Isopropyl Acetate	6.45	43	10320	1.463	ug/l	98

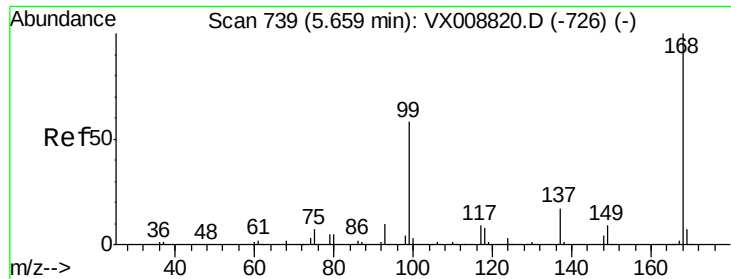
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008871.D

Acq: 11 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

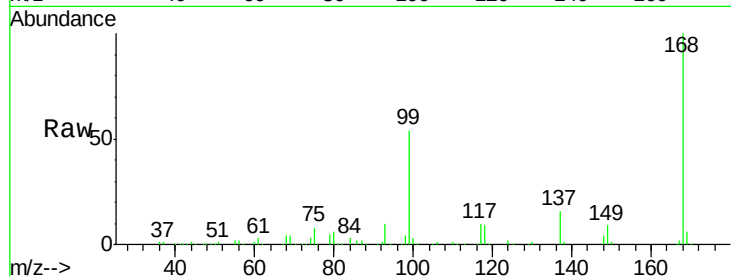
TP-7-D

Tot Ion:168 Resp: 192681

Ion Ratio Lower Upper

168 100

99 53.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

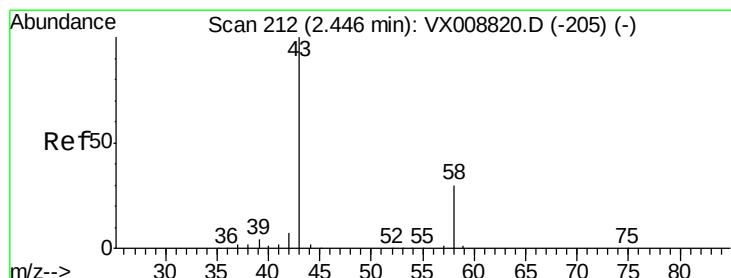
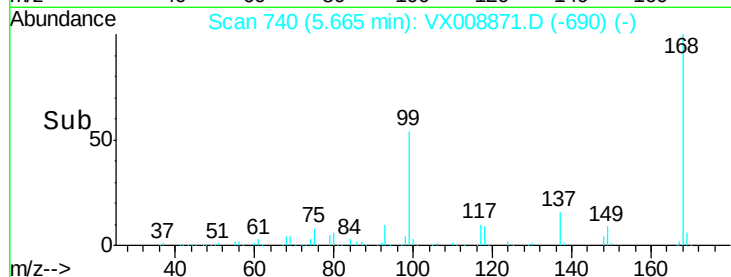
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.209 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008871.D

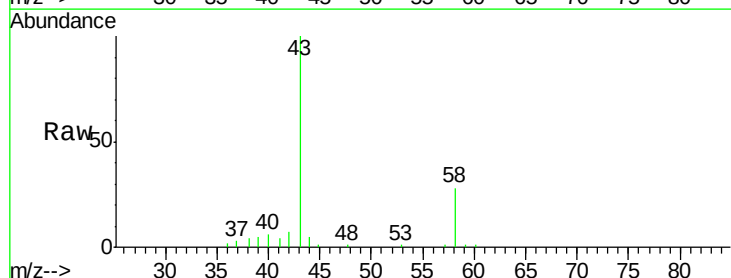
Acq: 11 Apr 2019 22:43

Tgt Ion: 43 Resp: 10050

Ion Ratio Lower Upper

43 100

58 27.8 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

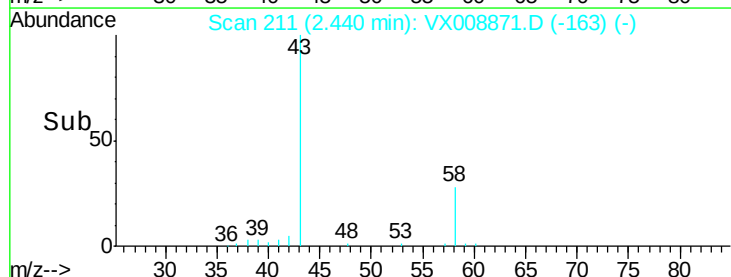
6000

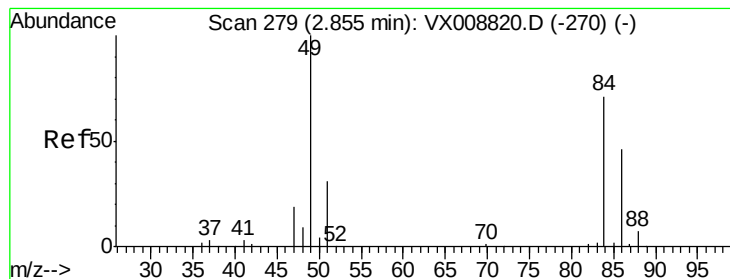
4000

2000

0

Time--> 2.35 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 4.050 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008871.D

Acq: 11 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

TP-7-D

Tot Ion: 84 Resp: 10974

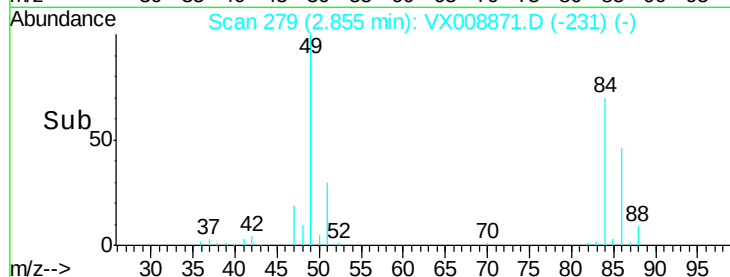
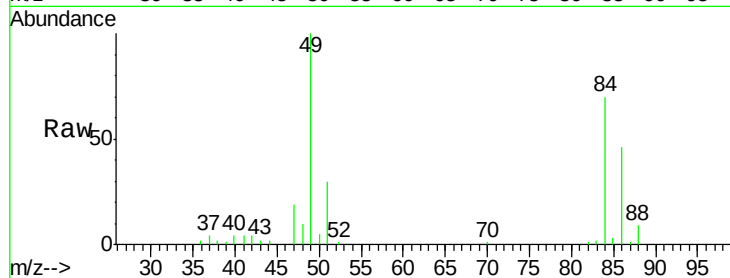
Ion Ratio Lower Upper

84 100

49 142.1 109.7 164.5

51 43.3 33.6 50.4

86 65.9 51.4 77.2

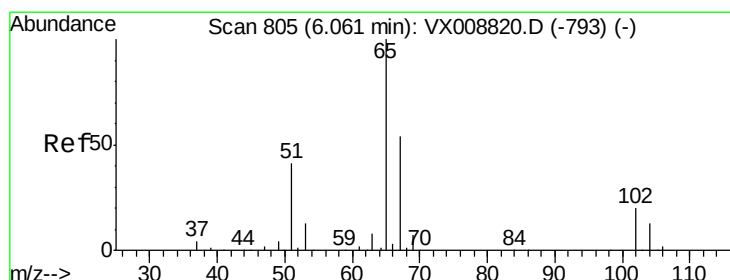
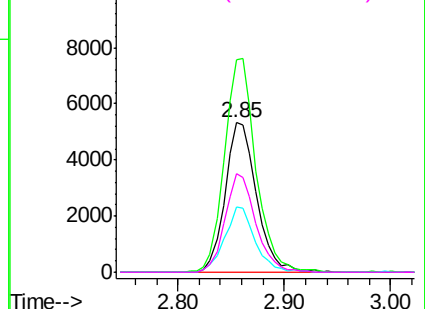


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 44.704 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008871.D

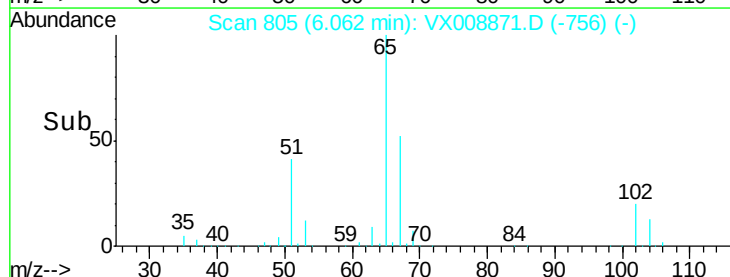
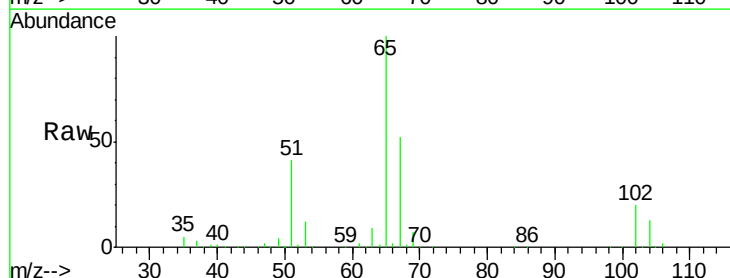
Acq: 11 Apr 2019 22:43

Tgt Ion: 65 Resp: 125636

Ion Ratio Lower Upper

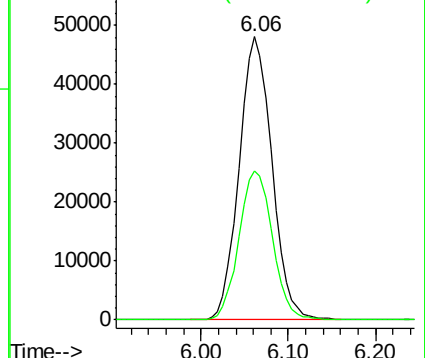
65 100

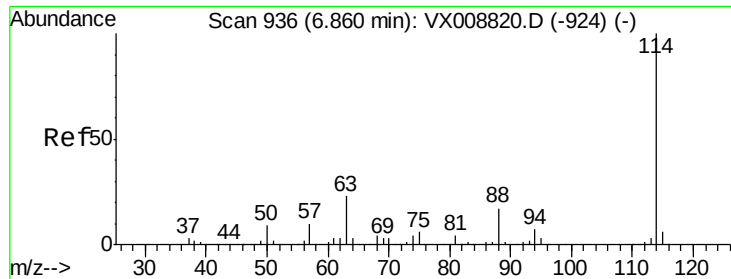
67 53.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

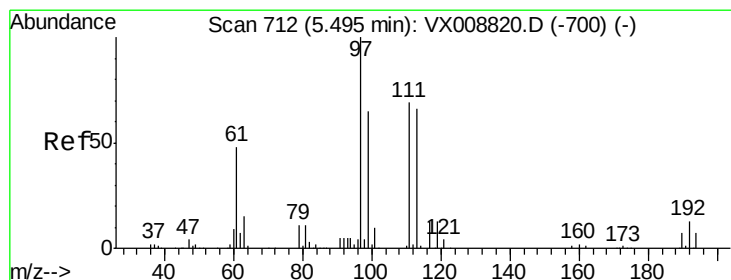
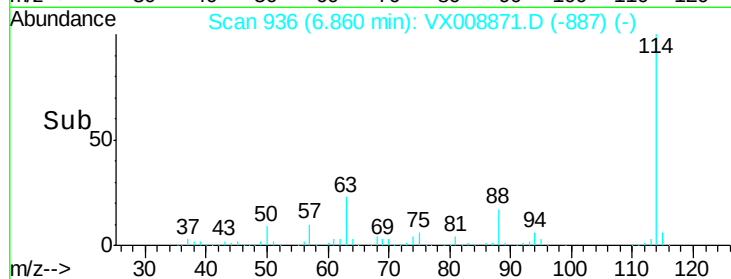
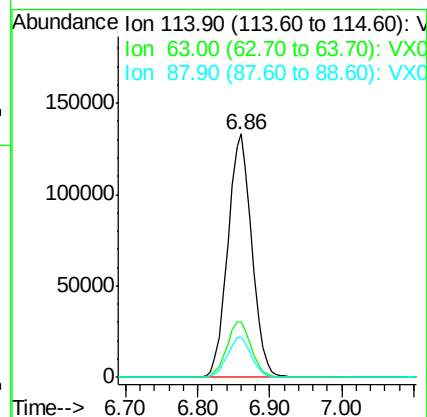
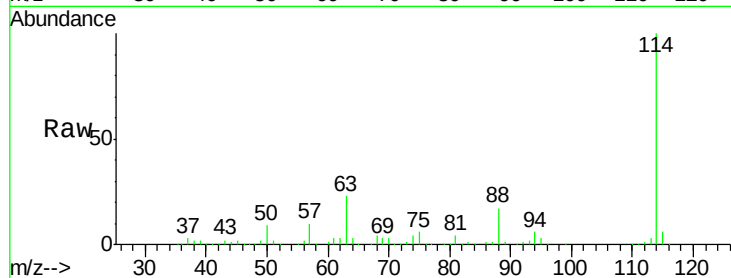




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008871.D
 Acq: 11 Apr 2019 22:43

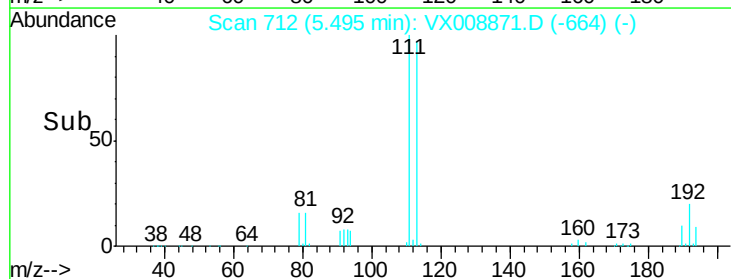
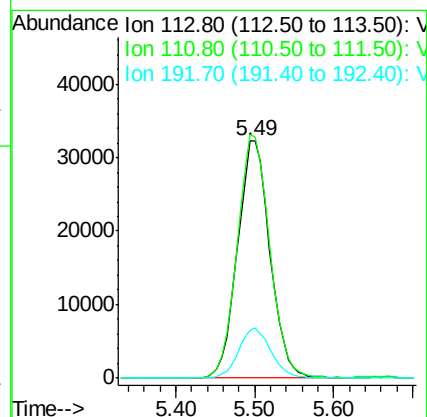
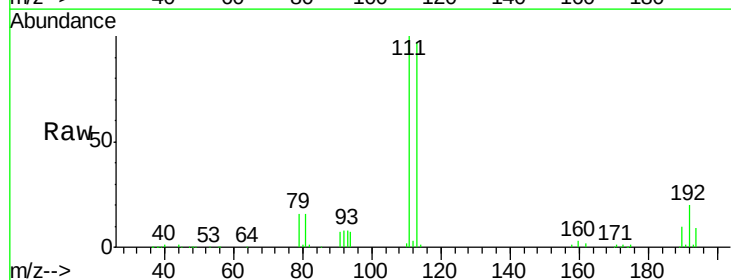
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-7-D

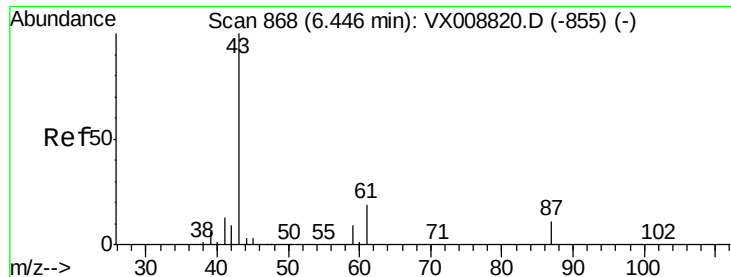
Tot Ion:114 Resp: 308610
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.2
 88 16.6 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 46.789 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX008871.D
 Acq: 11 Apr 2019 22:43

Tgt Ion:113 Resp: 92321
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.2
 192 20.9 16.1 24.1





#43

Isopropyl Acetate

Concen: 1.463 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008871.D

Acq: 11 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampled :

TP-7-D

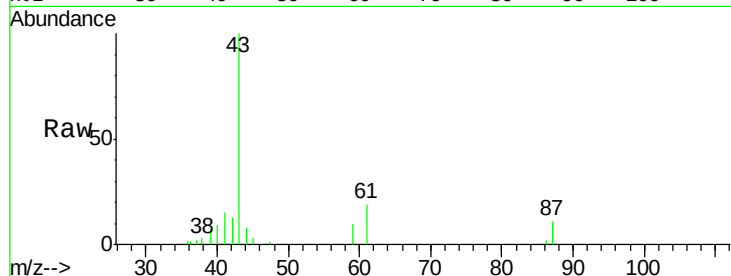
Tot Ion: 43 Resp: 10320

Ion Ratio Lower Upper

43 100

61 18.1 15.3 22.9

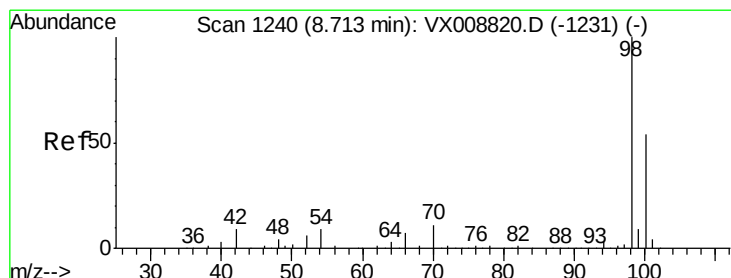
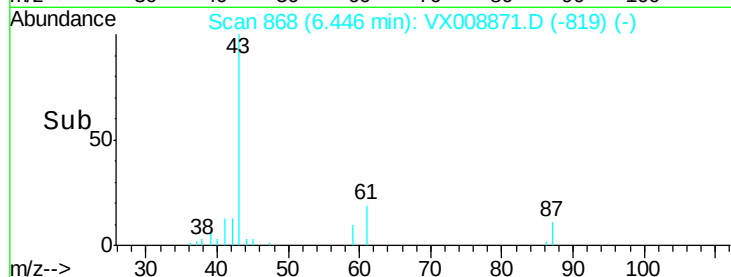
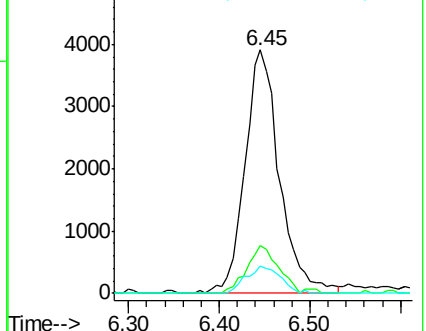
87 11.0 9.0 13.6



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: 50.232 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008871.D

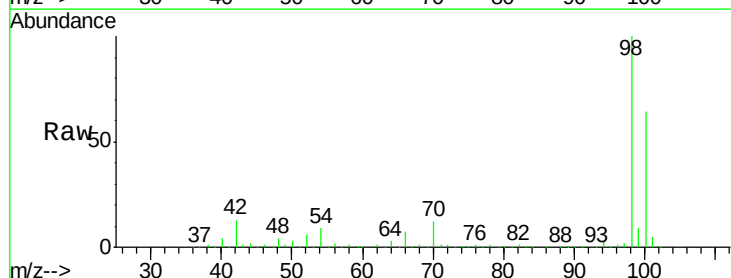
Acq: 11 Apr 2019 22:43

Tgt Ion: 98 Resp: 394648

Ion Ratio Lower Upper

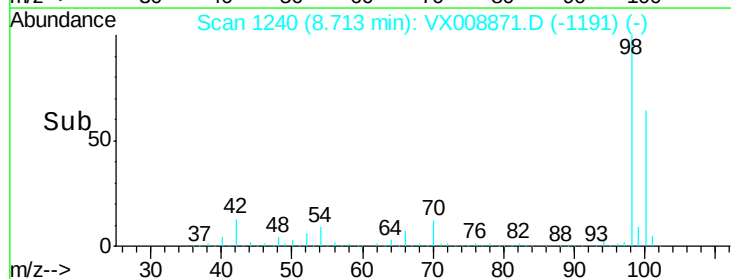
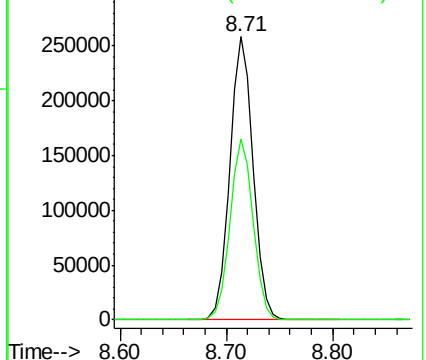
98 100

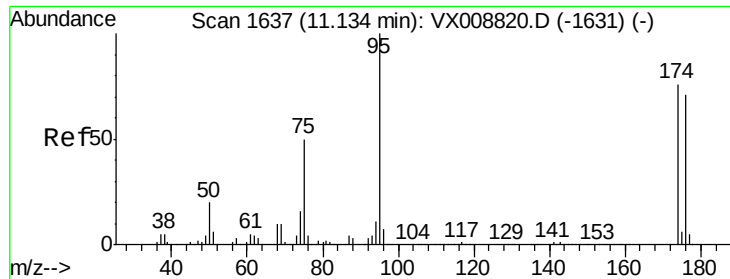
100 63.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.429 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008871.D

Acq: 11 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampled :

TP-7-D

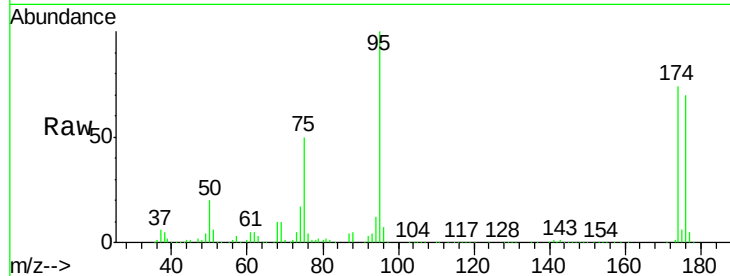
Tot Ion: 95 Resp: 134924

Ion Ratio Lower Upper

95 100

174 79.6 0.0 151.8

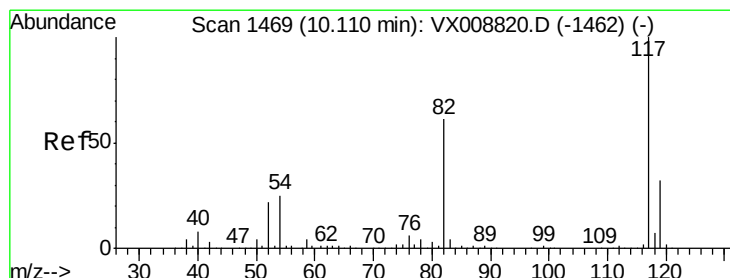
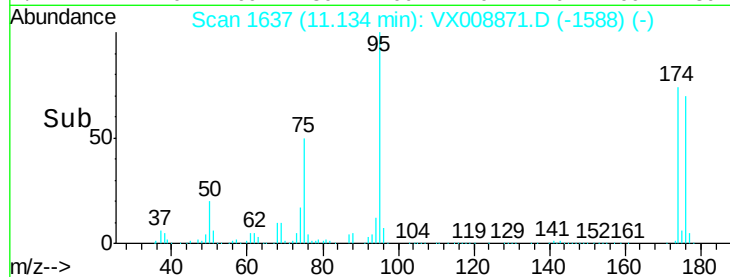
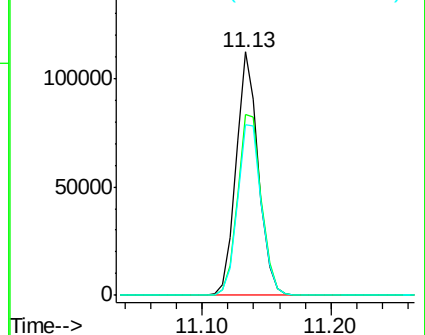
176 76.1 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008820.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX008820.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX008820.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008871.D

Acq: 11 Apr 2019 22:43

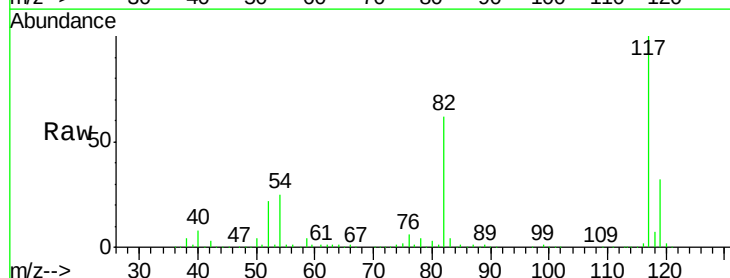
Tgt Ion: 117 Resp: 274842

Ion Ratio Lower Upper

117 100

82 61.5 49.6 74.4

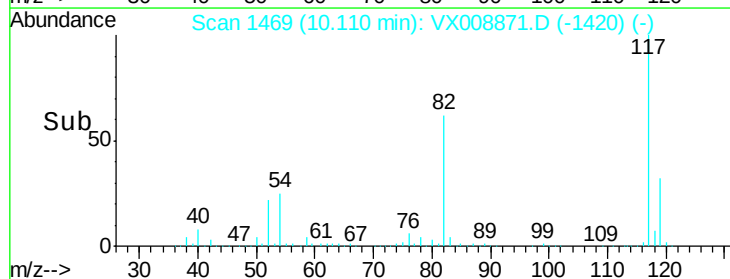
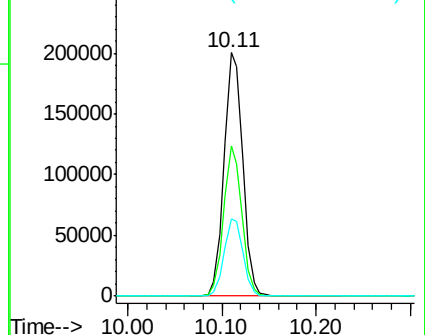
119 31.9 25.0 37.4

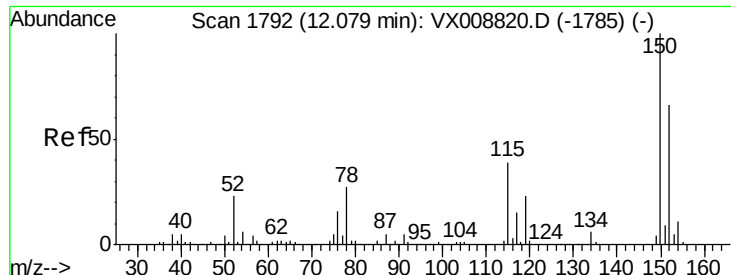


Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008820.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008820.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008871.D

Acq: 11 Apr 2019 22:43

Instrument :

MSVOA_X

ClientSampleId :

TP-7-D

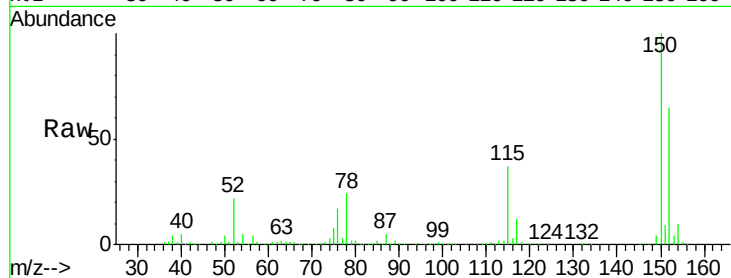
Tot Ion:152 Resp: 122001

Ion Ratio Lower Upper

152 100

115 59.6 43.5 130.5

150 156.4 0.0 348.8



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

