

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041119\
 Data File : VX008870.D
 Acq On : 11 Apr 2019 22:20
 Operator : JC/SP
 Sample : K2355-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9-S

Quant Time: Apr 12 08:48:13 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

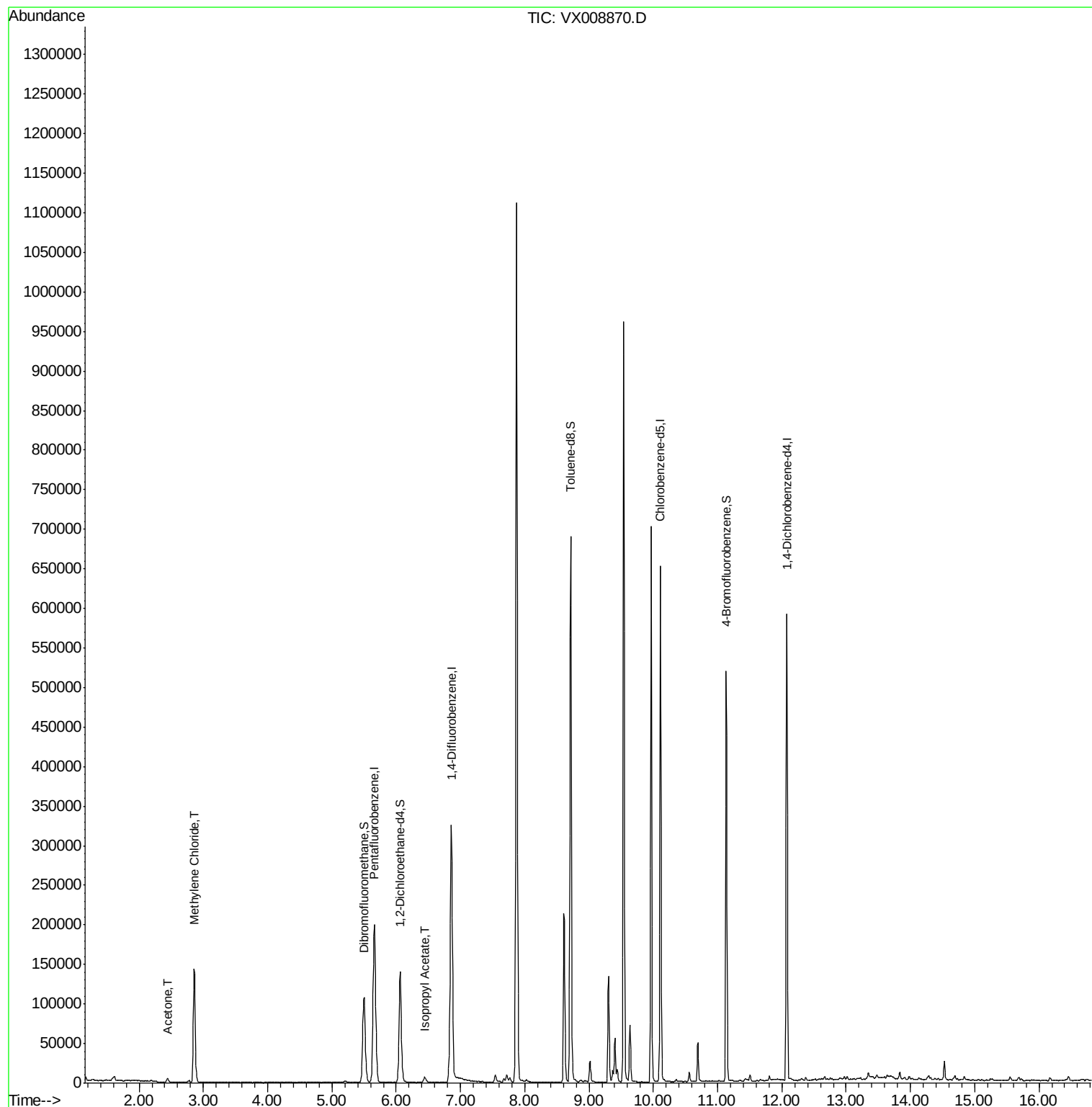
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	313147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	275930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127647	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
35) Dibromofluoromethane	5.50	113	93360	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
50) Toluene-d8	8.71	98	395422	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.13	95	136162	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
Target Compounds						
16) Acetone	2.45	43	5907	3.606	ug/l	96
20) Methylene Chloride	2.85	84	66809	24.362	ug/l	97
43) Isopropyl Acetate	6.45	43	10573	1.477	ug/l	97

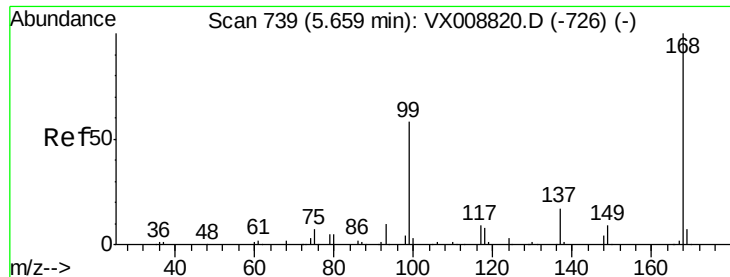
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008870.D

Acq: 11 Apr 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

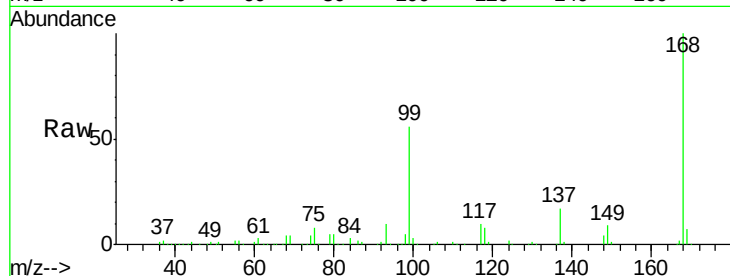
TP-9-S

Tot Ion:168 Resp: 195018

Ion Ratio Lower Upper

168 100

99 56.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

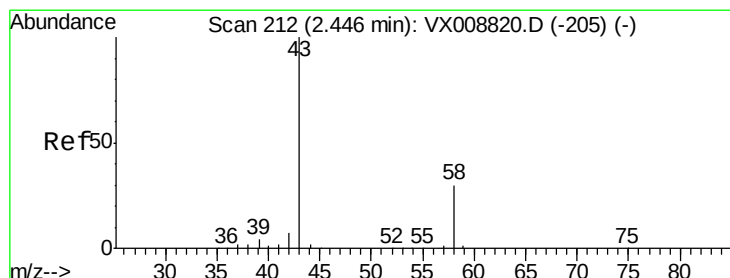
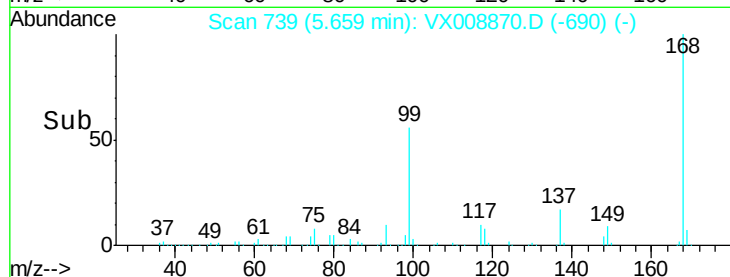
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.606 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008870.D

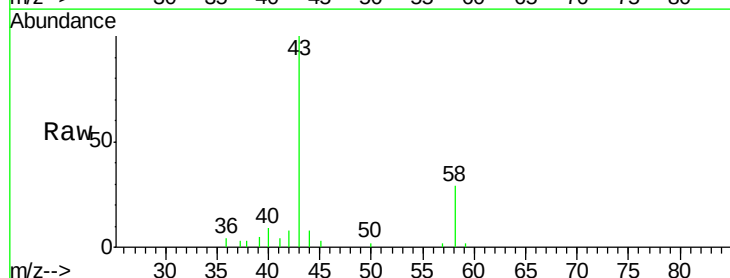
Acq: 11 Apr 2019 22:20

Tgt Ion: 43 Resp: 5907

Ion Ratio Lower Upper

43 100

58 28.6 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

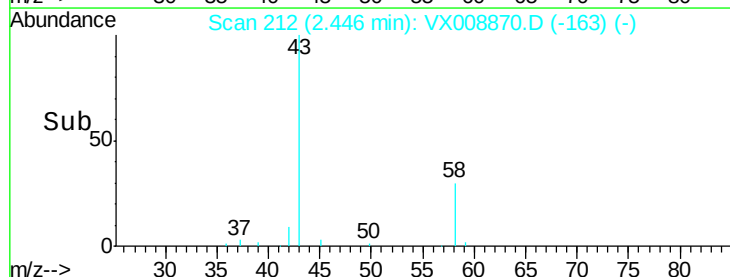
3000

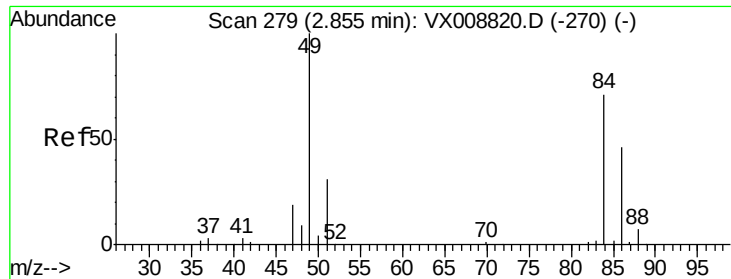
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55

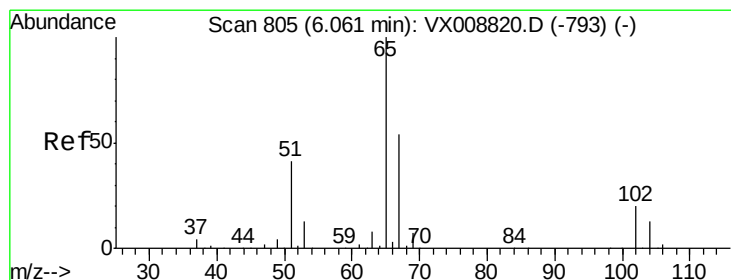
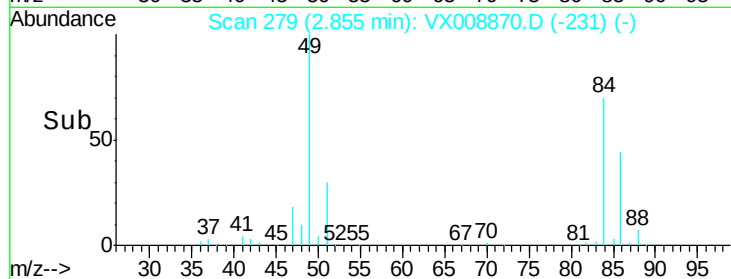
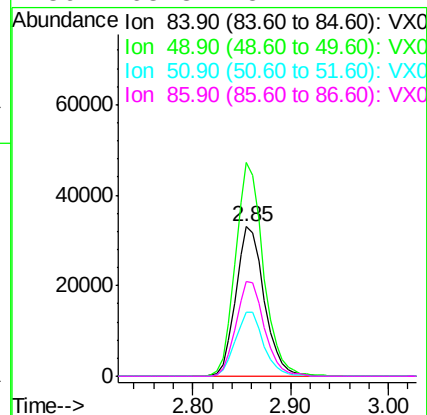
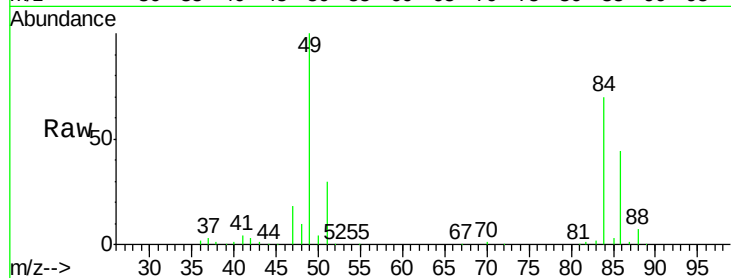




#20
Methylene Chloride
Concen: 24.362 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008870.D
Acq: 11 Apr 2019 22:20

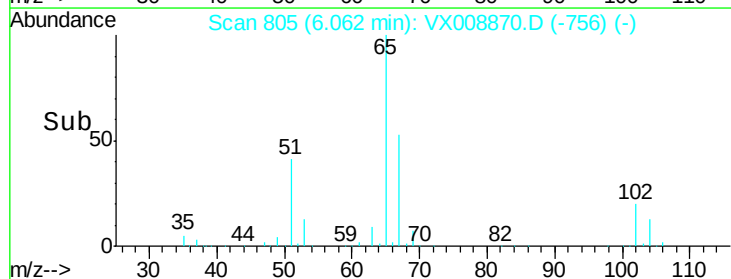
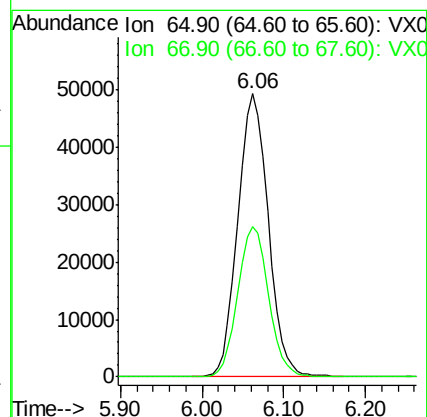
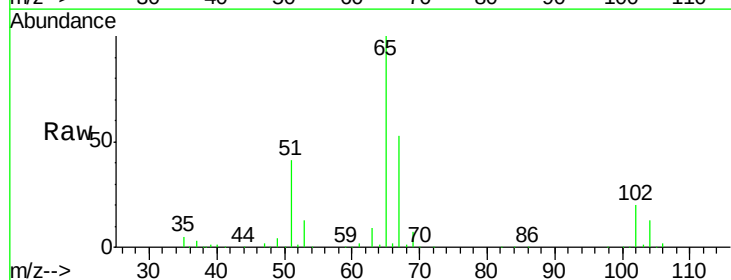
Instrument :
MSVOA_X
ClientSampleId :
TP-9-S

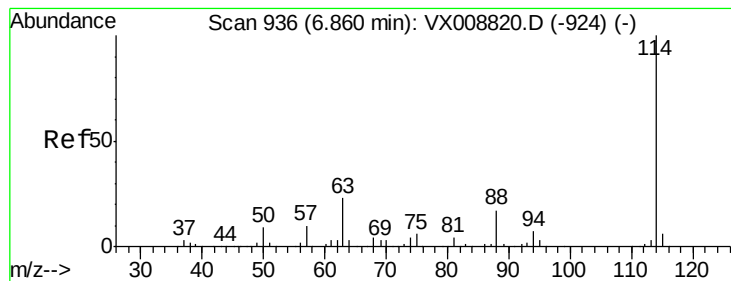
Tot Ion: 84 Resp: 66809
Ion Ratio Lower Upper
84 100
49 143.0 109.7 164.5
51 42.8 33.6 50.4
86 63.3 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 44.876 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008870.D
Acq: 11 Apr 2019 22:20

Tgt Ion: 65 Resp: 127647
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008870.D

Acq: 11 Apr 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

TP-9-S

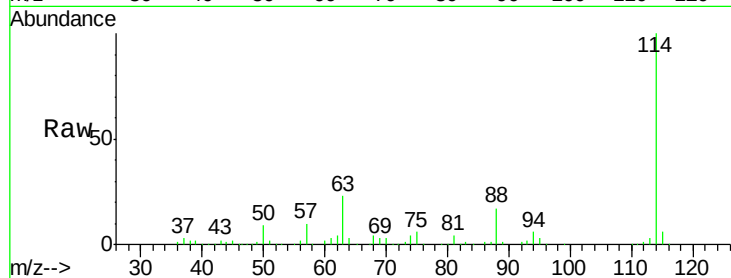
Tot Ion:114 Resp: 313147

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.2

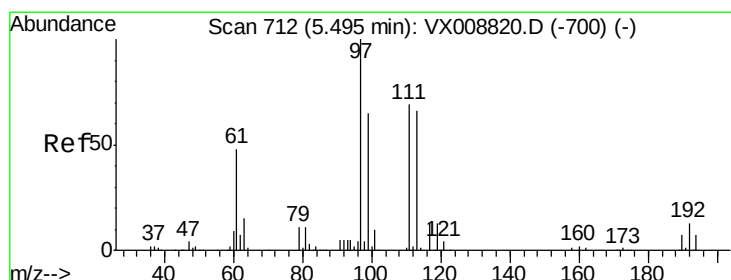
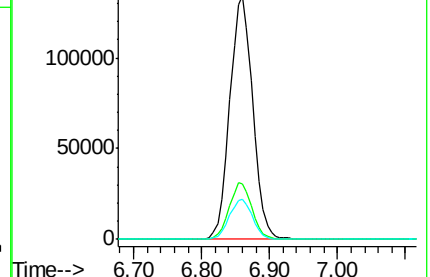
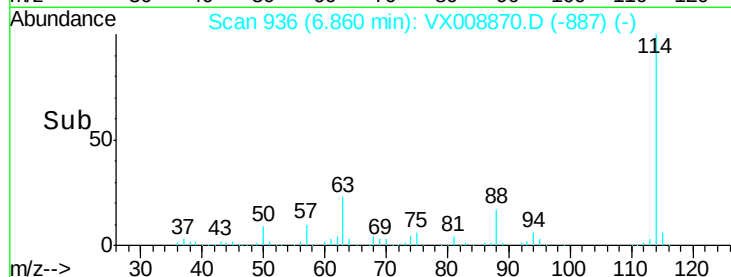
88 16.6 0.0 34.0



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: 46.630 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008870.D

Acq: 11 Apr 2019 22:20

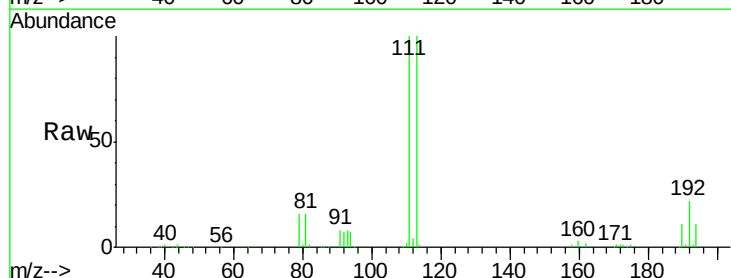
Tgt Ion:113 Resp: 93360

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

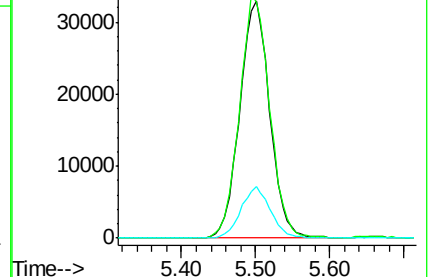
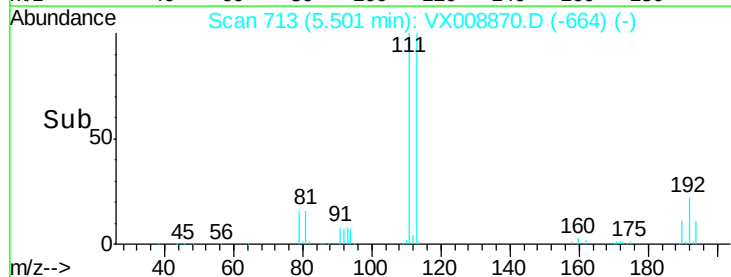
192 21.2 16.1 24.1

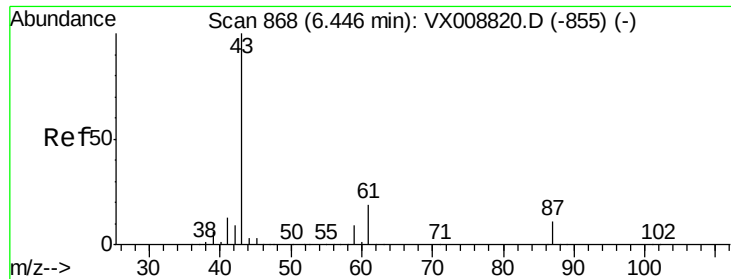


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.477 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008870.D

Acq: 11 Apr 2019 22:20

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

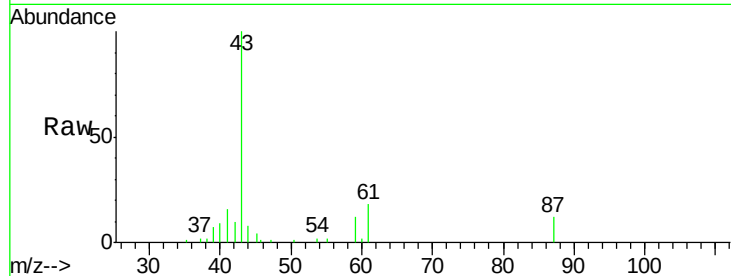
Tot Ion: 43 Resp: 10573

Ion Ratio Lower Upper

43 100

61 20.3 15.3 22.9

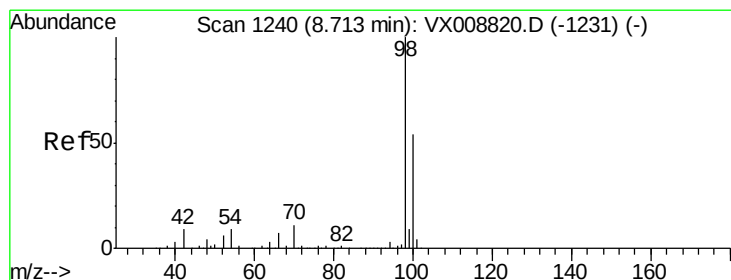
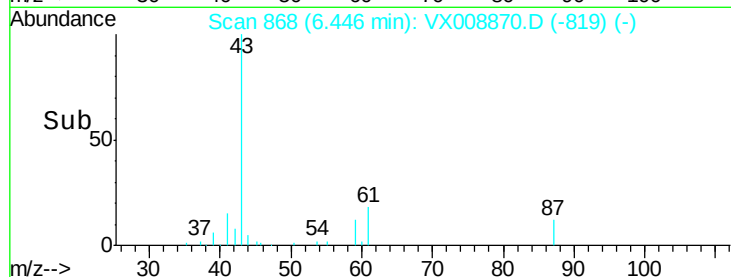
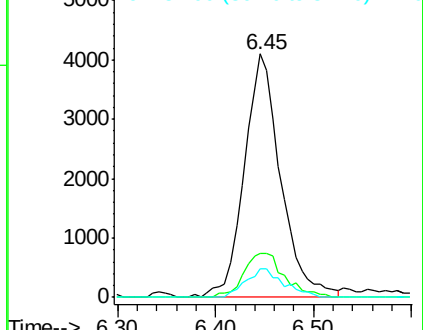
87 12.2 9.0 13.6



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: 49.601 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008870.D

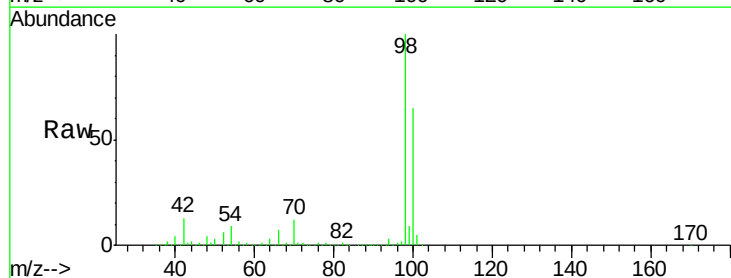
Acq: 11 Apr 2019 22:20

Tgt Ion: 98 Resp: 395422

Ion Ratio Lower Upper

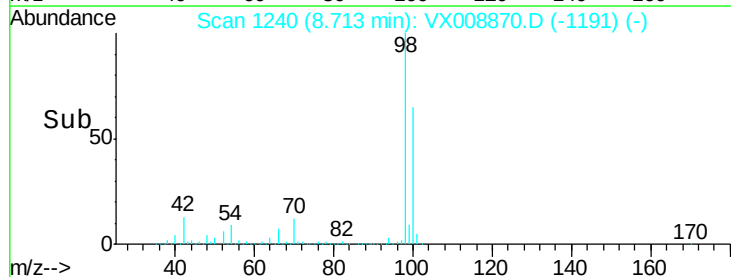
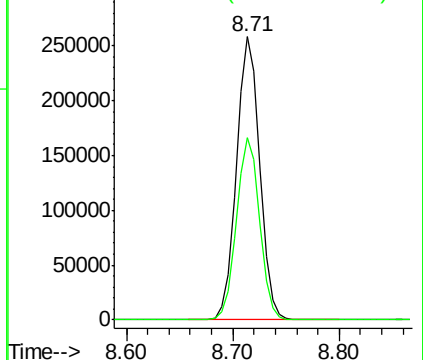
98 100

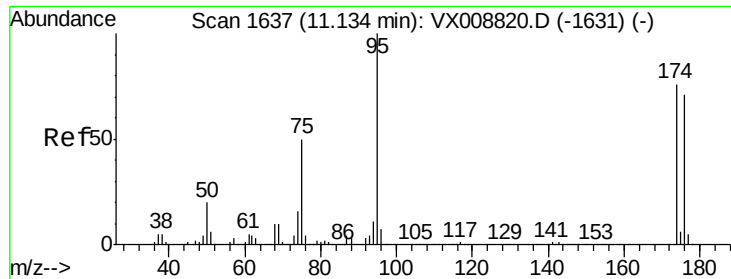
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.165 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008870.D

Acq: 11 Apr 2019 22:20

Instrument :

MSVOA_X

ClientSampled :

TP-9-S

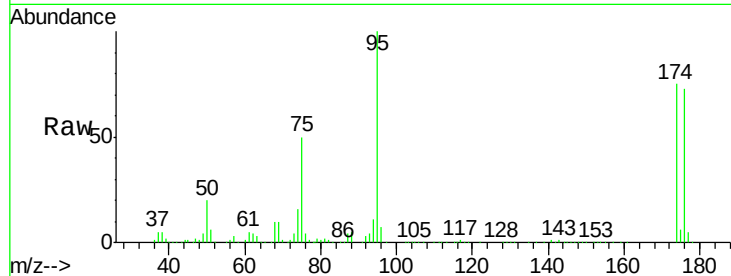
Tot Ion: 95 Resp: 136162

Ion Ratio Lower Upper

95 100

174 79.0 0.0 151.8

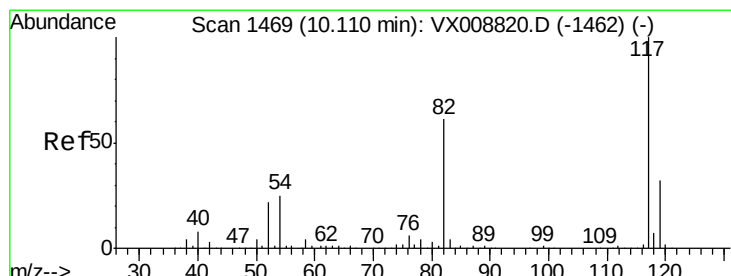
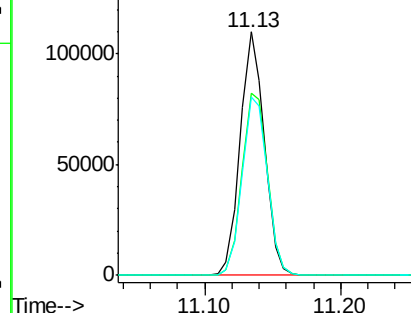
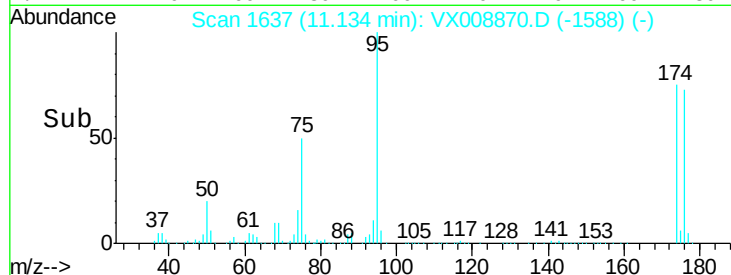
176 76.8 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008870.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008870.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008870.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008870.D

Acq: 11 Apr 2019 22:20

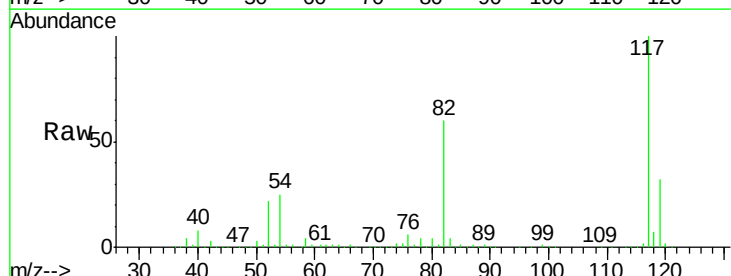
Tgt Ion: 117 Resp: 275930

Ion Ratio Lower Upper

117 100

82 59.9 49.6 74.4

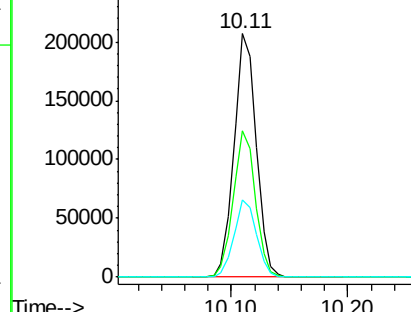
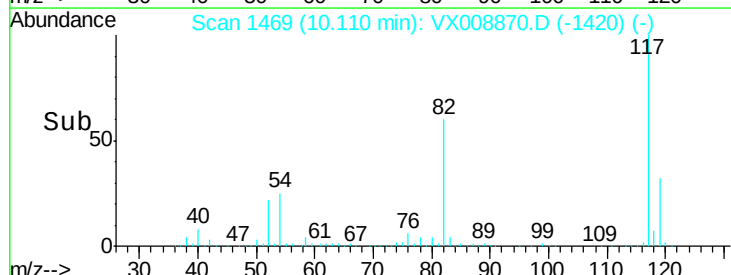
119 31.8 25.0 37.4

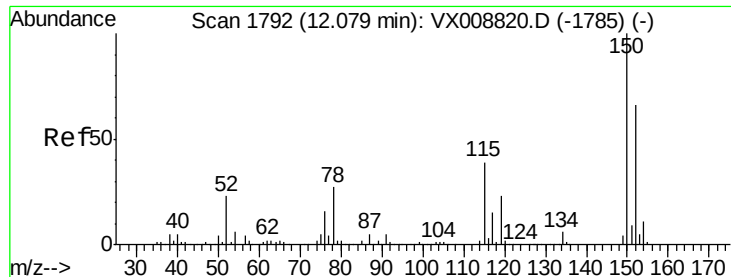


Abundance Ion 116.90 (116.60 to 117.60): VX008870.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008870.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008870.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008870.D

Acq: 11 Apr 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

TP-9-S

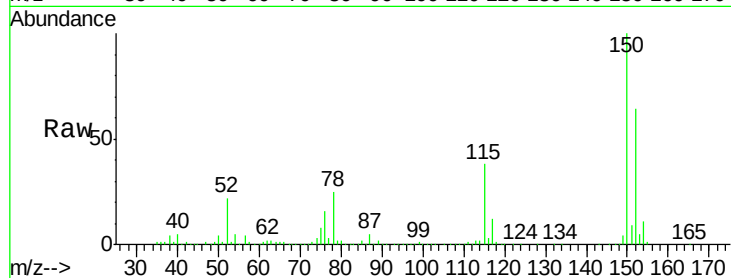
Tot Ion:152 Resp: 121184

Ion Ratio Lower Upper

152 100

115 59.2 43.5 130.5

150 156.5 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

