

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
 Data File : VX008788.D
 Acq On : 09 Apr 2019 22:02
 Operator : JC/SP
 Sample : K2338-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-SHALLOW

Quant Time: Apr 10 08:11:53 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

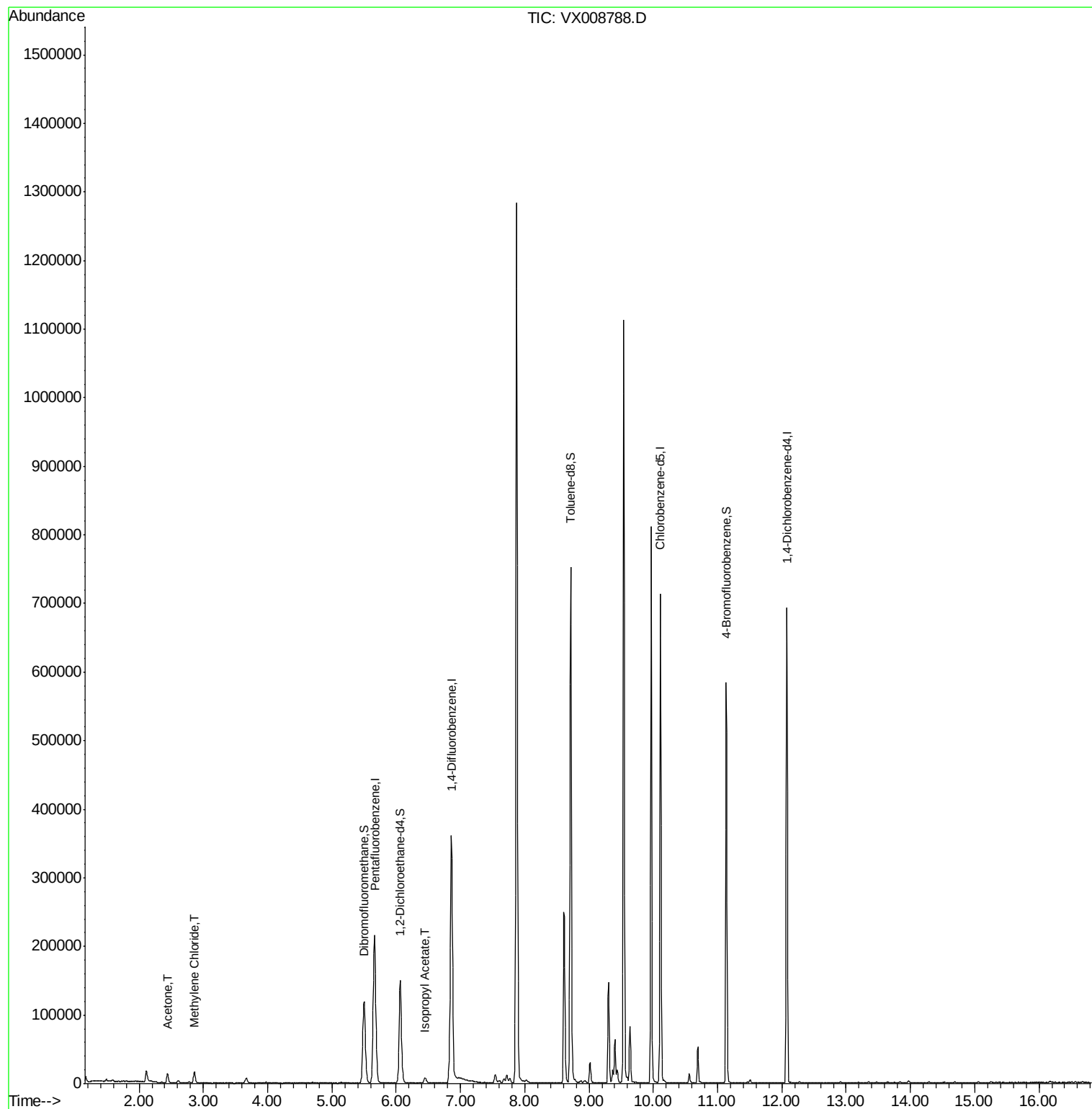
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	309202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140382	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
35) Dibromofluoromethane	5.50	113	103189	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
50) Toluene-d8	8.71	98	436016	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	11.13	95	152527	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
Target Compounds						
16) Acetone	2.44	43	15046	8.604	ug/l	96
20) Methylene Chloride	2.85	84	7456	2.547	ug/l	96
43) Isopropyl Acetate	6.45	43	11679	1.478	ug/l	98

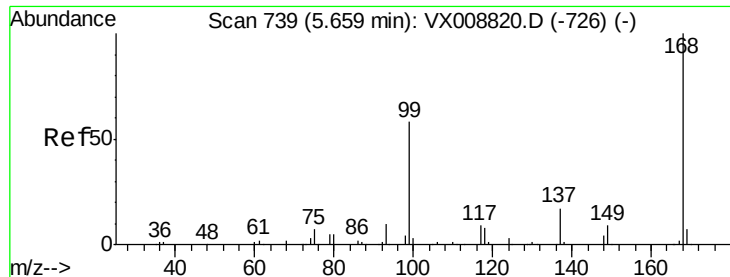
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008788.D

Acq: 09 Apr 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

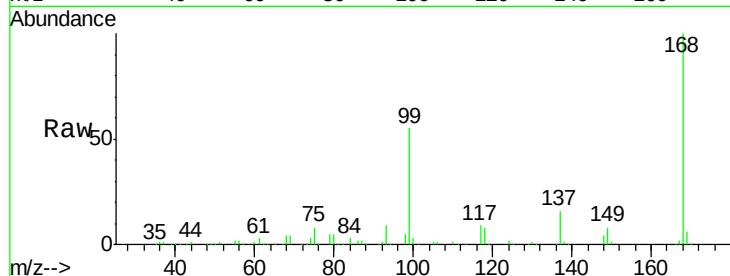
TP-2-SHALLOW

Tot Ion:168 Resp: 208166

Ion Ratio Lower Upper

168 100

99 55.3 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

80000

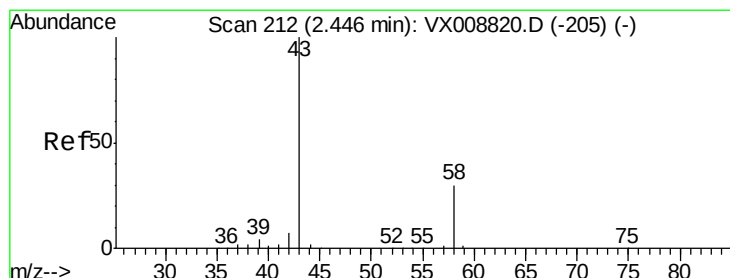
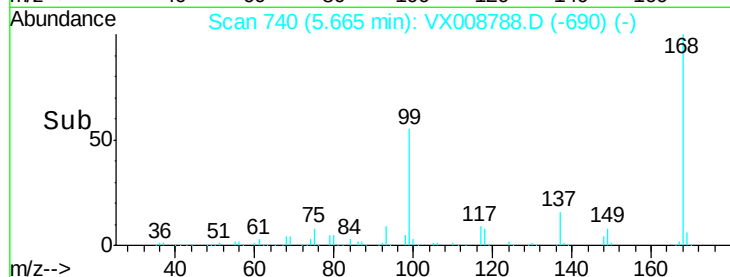
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.604 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008788.D

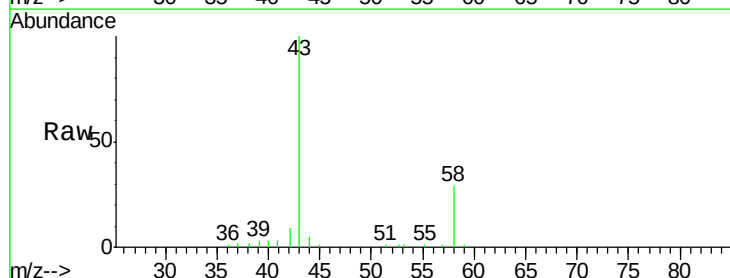
Acq: 09 Apr 2019 22:02

Tgt Ion: 43 Resp: 15046

Ion Ratio Lower Upper

43 100

58 29.0 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

10000

8000

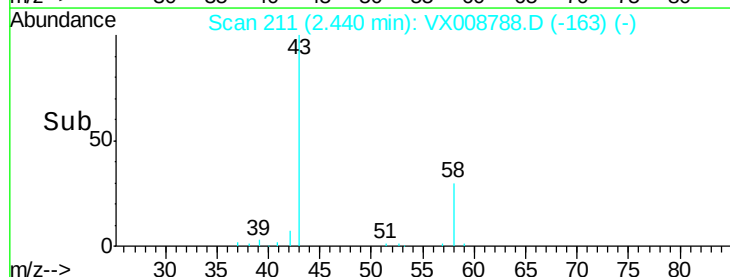
6000

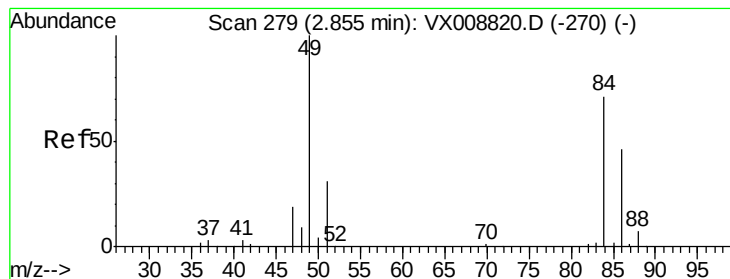
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#20

Methylene Chloride

Concen: 2.547 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008788.D

Acq: 09 Apr 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

TP-2-SHALLOW

Tot Ion: 84 Resp: 7456

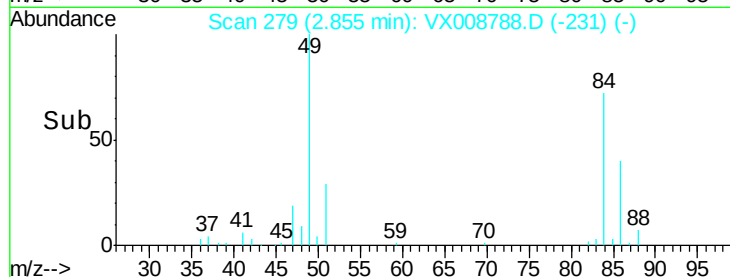
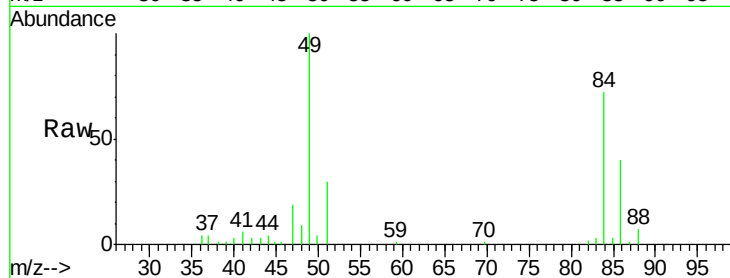
Ion Ratio Lower Upper

84 100

49 139.5 109.7 164.5

51 41.9 33.6 50.4

86 55.3 51.4 77.2

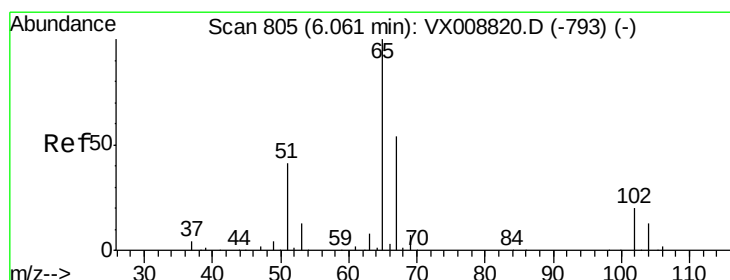
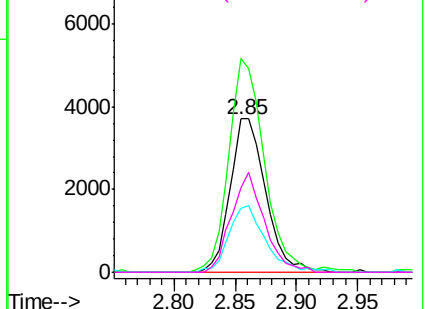


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 46.236 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008788.D

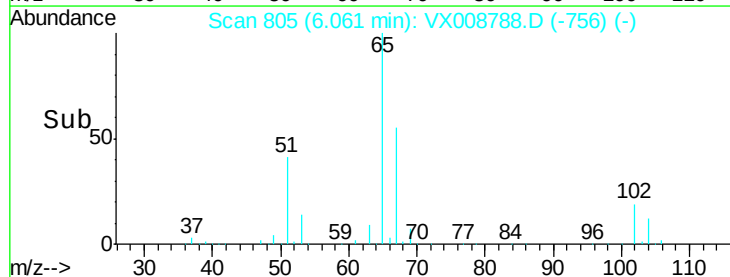
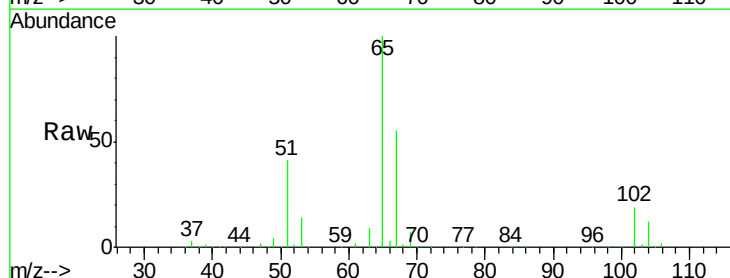
Acq: 09 Apr 2019 22:02

Tgt Ion: 65 Resp: 140382

Ion Ratio Lower Upper

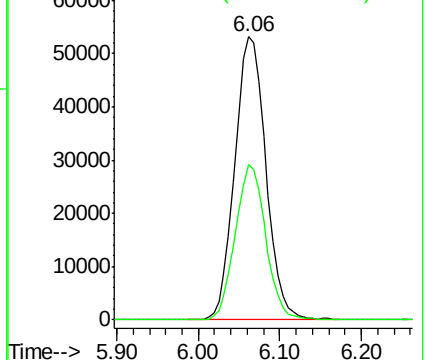
65 100

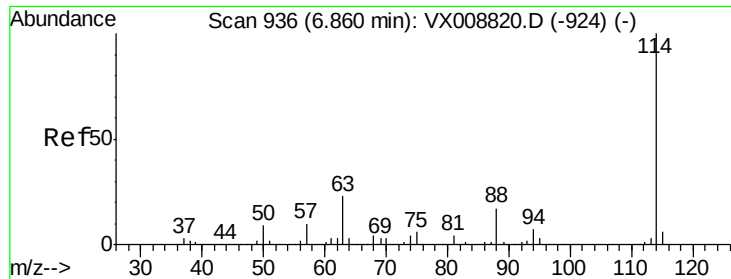
67 53.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

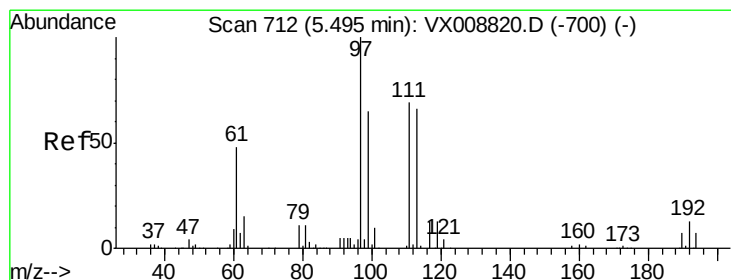
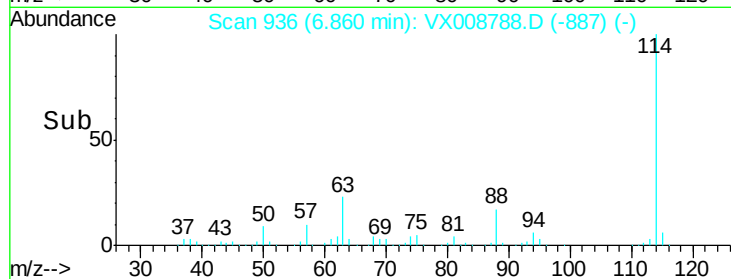
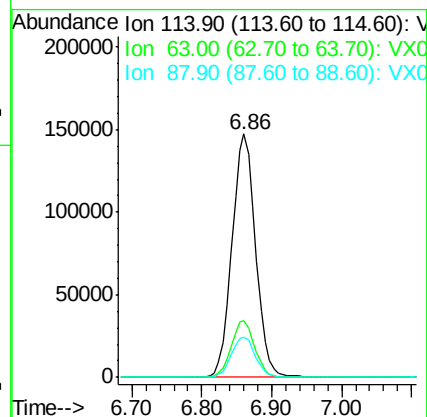
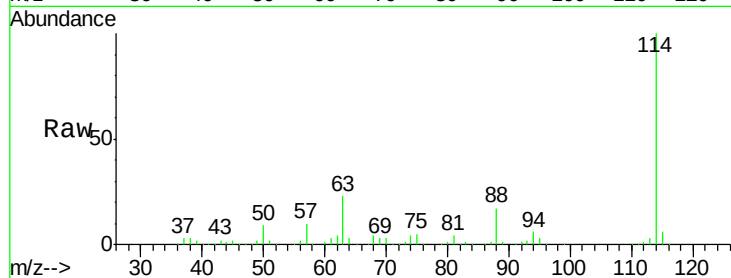




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008788.D
 Acq: 09 Apr 2019 22:02

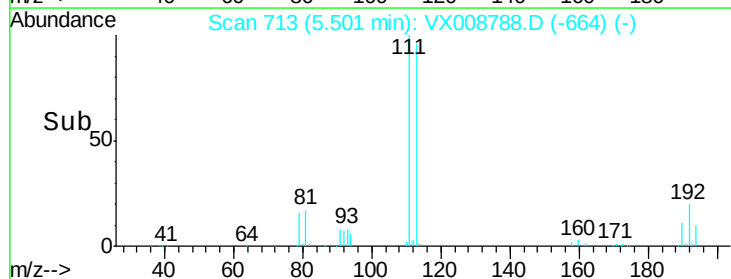
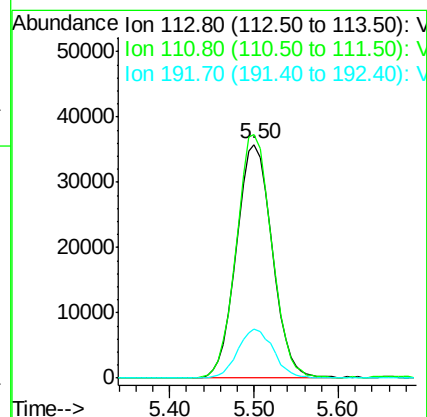
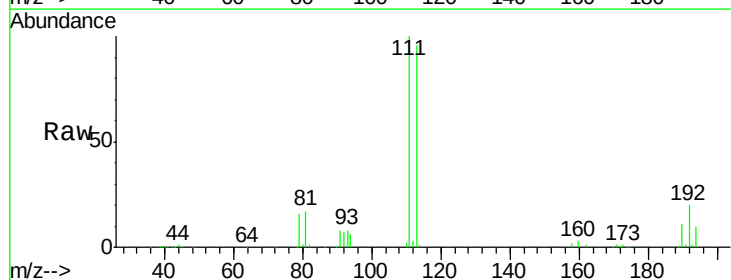
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-SHALLOW

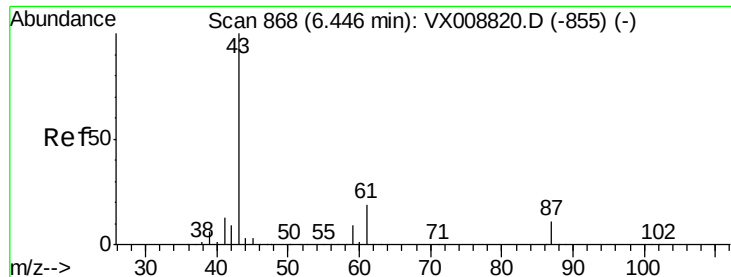
Tot Ion:114 Resp: 345685
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 47.2
 88 16.7 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 46.688 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008788.D
 Acq: 09 Apr 2019 22:02

Tgt Ion:113 Resp: 103189
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.2
 192 20.9 16.1 24.1

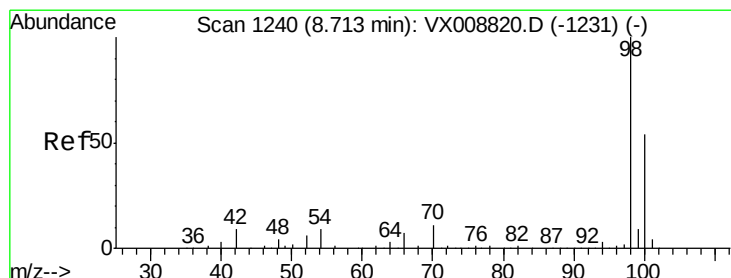
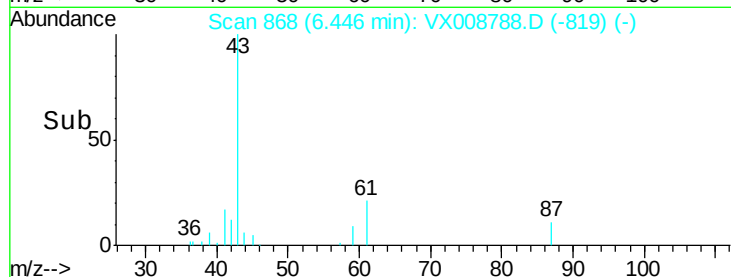
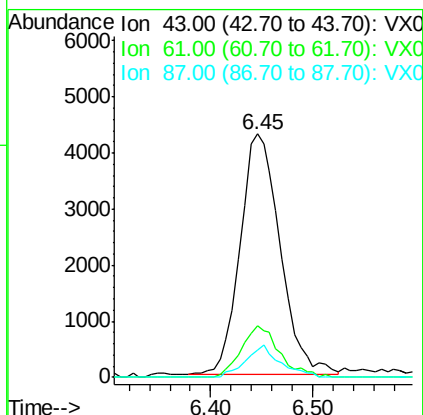
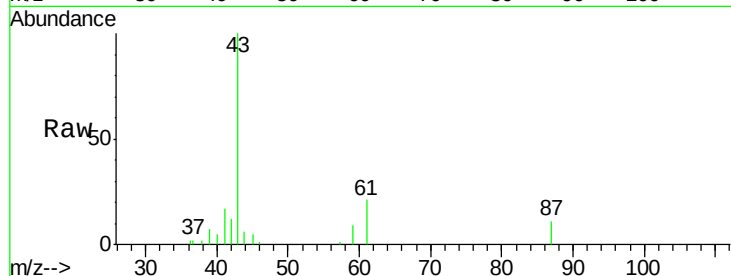




#43
Isopropyl Acetate
Concen: 1.478 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008788.D
Acq: 09 Apr 2019 22:02

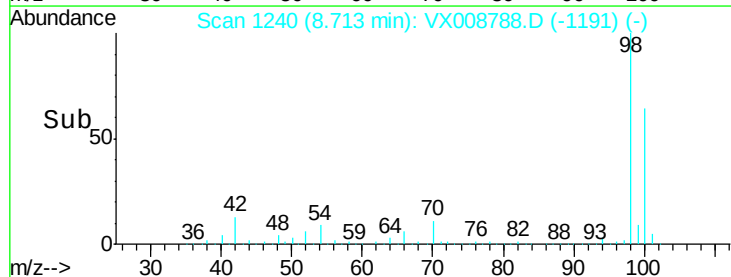
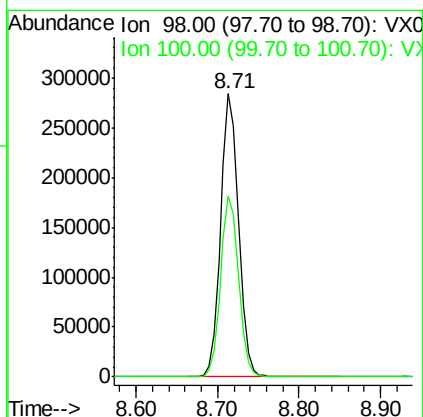
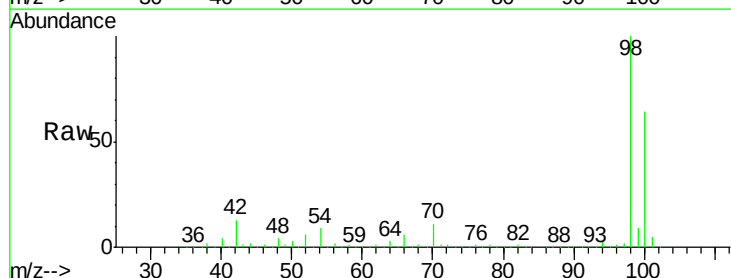
Instrument :
MSVOA_X
ClientSampleId :
TP-2-SHALLOW

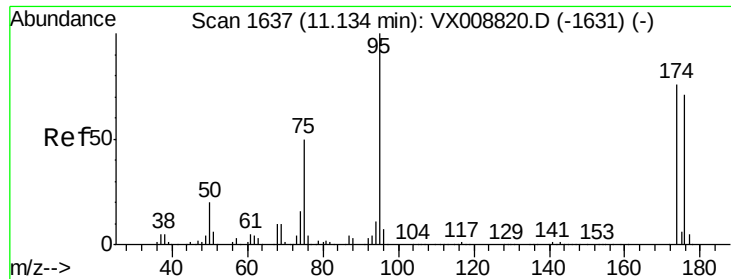
Tot Ion: 43 Resp: 11679
Ion Ratio Lower Upper
43 100
61 20.5 15.3 22.9
87 11.6 9.0 13.6



#50
Toluene-d8
Concen: 49.545 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008788.D
Acq: 09 Apr 2019 22:02

Tgt Ion: 98 Resp: 436016
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 48.875 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008788.D

Acq: 09 Apr 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

TP-2-SHALLOW

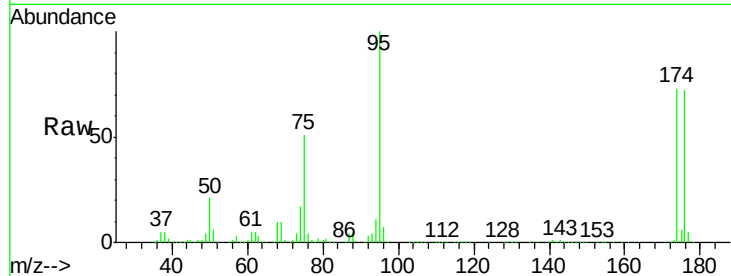
Tot Ion: 95 Resp: 152527

Ion Ratio Lower Upper

95 100

174 77.4 0.0 151.8

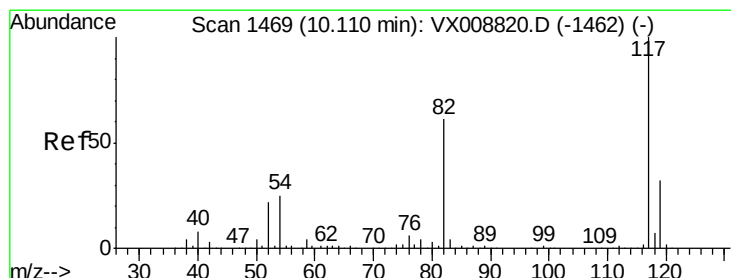
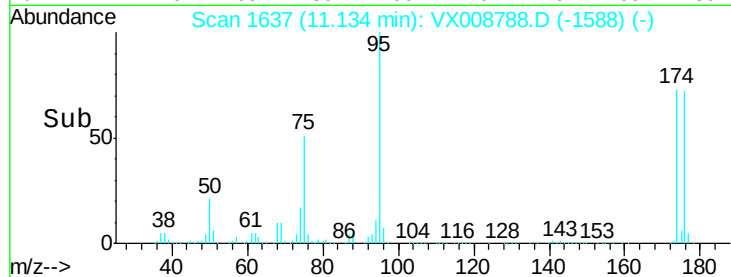
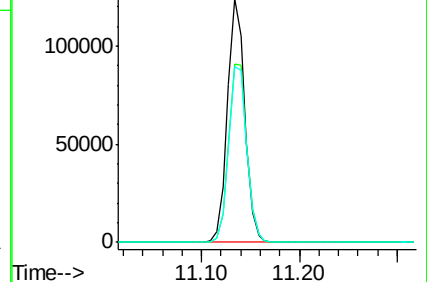
176 75.4 0.0 145.8



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: VX008788.D

Acq: 09 Apr 2019 22:02

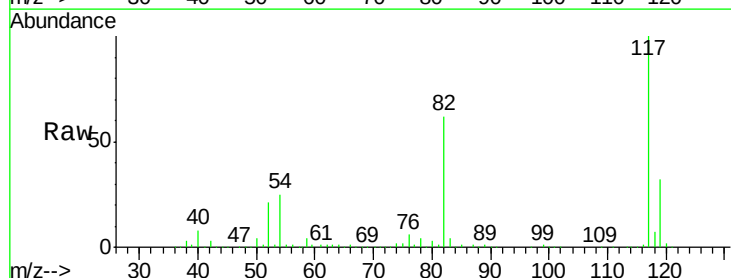
Tgt Ion: 117 Resp: 309202

Ion Ratio Lower Upper

117 100

82 62.2 49.6 74.4

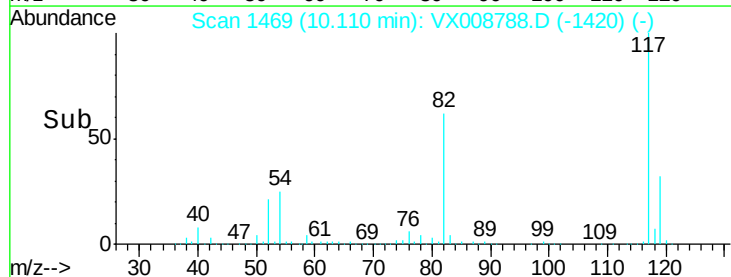
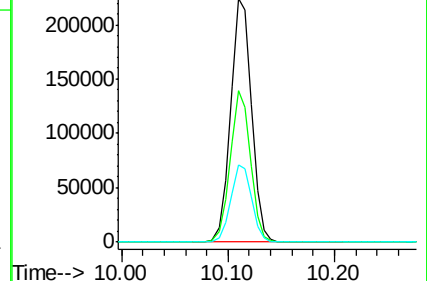
119 31.9 25.0 37.4

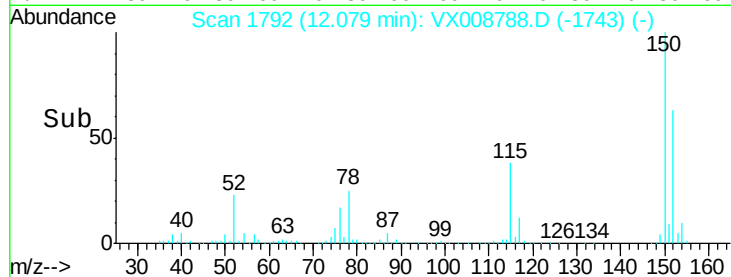
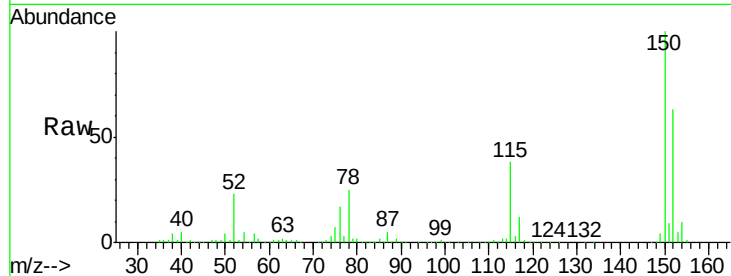
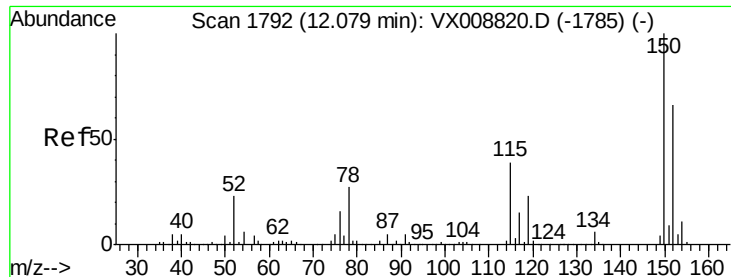


Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

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: VX008788.D

Acq: 09 Apr 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

TP-2-SHALLOW

Tot Ion:152 Resp: 139443

Ion Ratio Lower Upper

152 100

115 60.3 43.5 130.5

150 156.7 0.0 348.8

