

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022819\
 Data File : VX007760.D
 Acq On : 28 Feb 2019 12:25
 Operator : JC/SP
 Sample : K1603-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M1-T2-OZ(PRE)

Quant Time: Mar 01 01:59:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

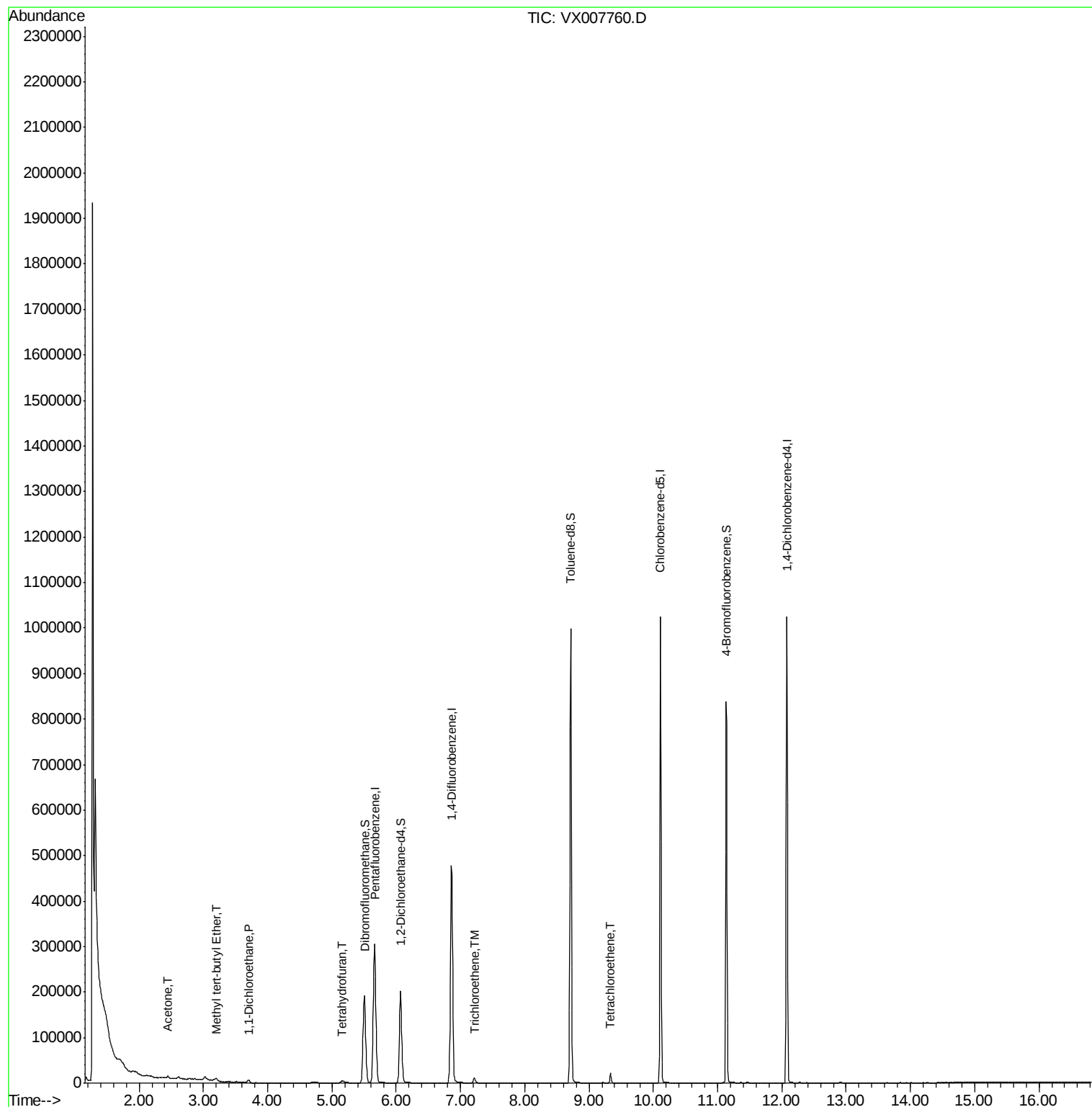
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	488069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	465571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	190736	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
35) Dibromofluoromethane	5.51	113	160284	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	8.71	98	599130	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
62) 4-Bromofluorobenzene	11.13	95	216399	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	5578	3.232	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	5091	0.533	ug/l	92
24) 1,1-Dichloroethane	3.70	63	6731	1.174	ug/l	98
29) Tetrahydrofuran	5.16	42	4615	2.663	ug/l	88
44) Trichloroethene	7.21	130	4289	1.151	ug/l	93
64) Tetrachloroethene	9.34	164	4046	1.070	ug/l	96

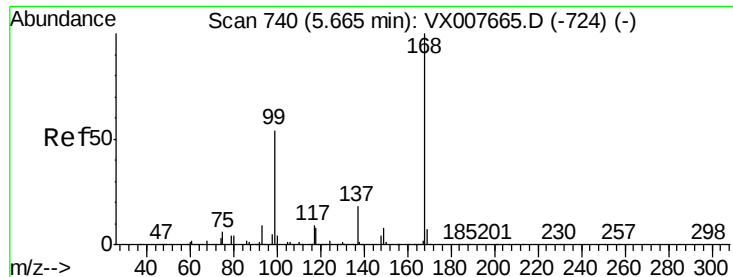
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022819\
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ClientSampleId :
M1-T2-OZ(PRE)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 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: VX007760.D

Acq: 28 Feb 2019 12:25

Instrument :

MSVOA_X

ClientSampleId :

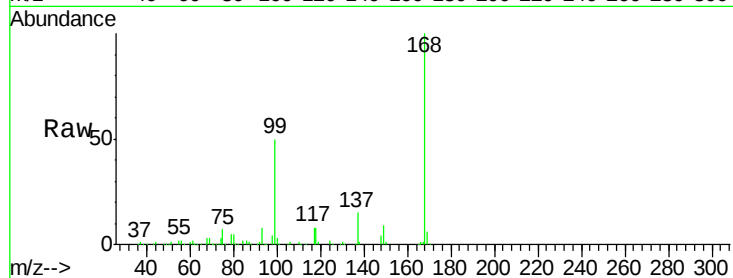
M1-T2-OZ(PRE)

Tot Ion:168 Resp: 313312

Ion Ratio Lower Upper

168 100

99 50.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

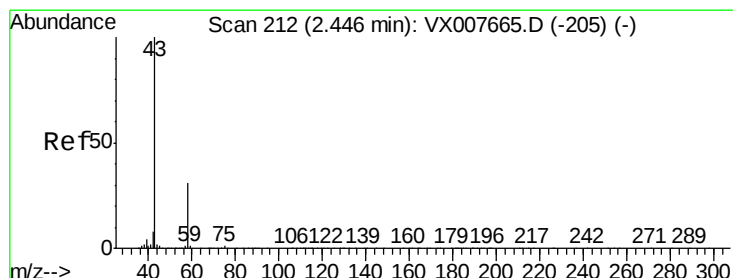
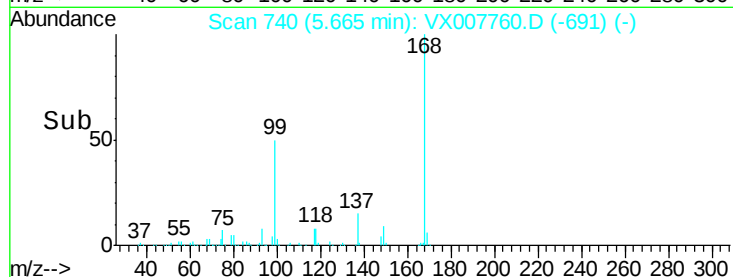
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.232 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007760.D

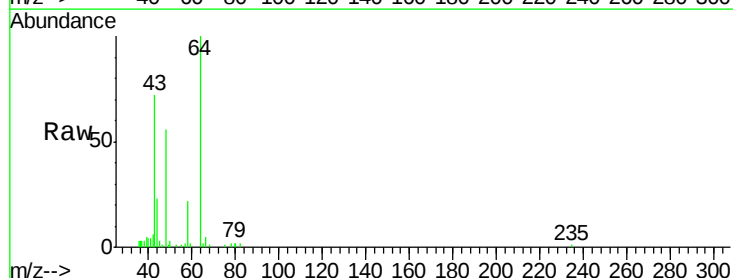
Acq: 28 Feb 2019 12:25

Tgt Ion: 43 Resp: 5578

Ion Ratio Lower Upper

43 100

58 30.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

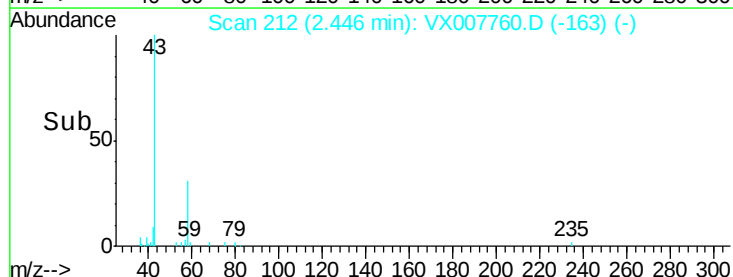
3000

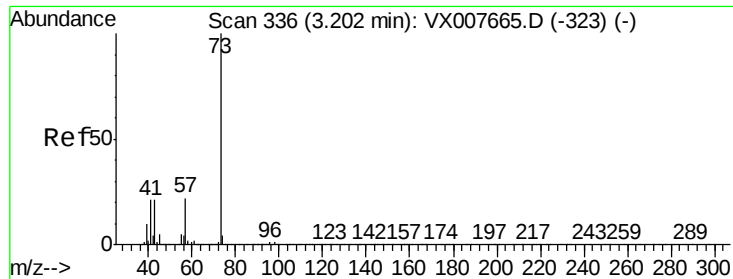
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55

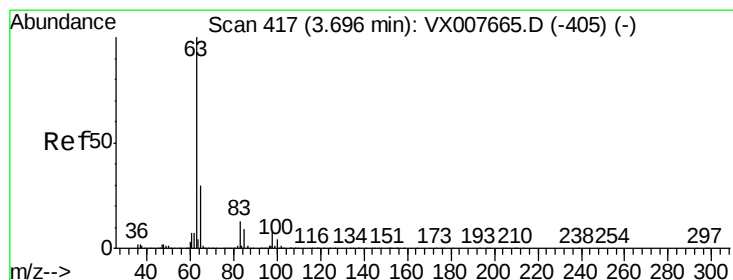
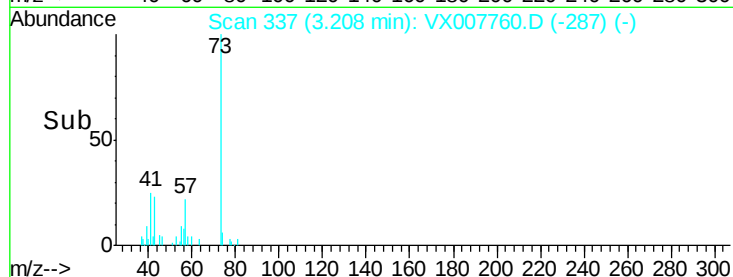
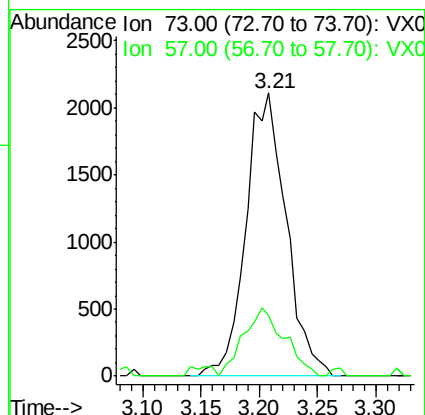
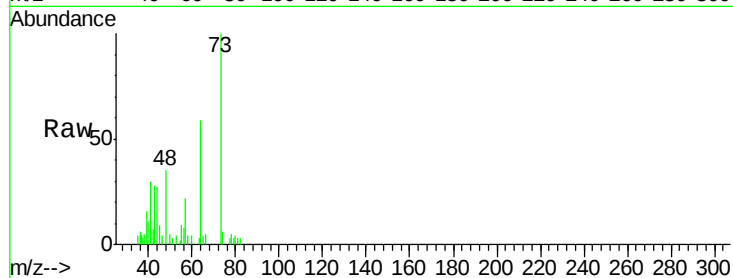




#19
Methvl tert-butvl Ether
Concen: 0.533 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007760.D
Acq: 28 Feb 2019 12:25

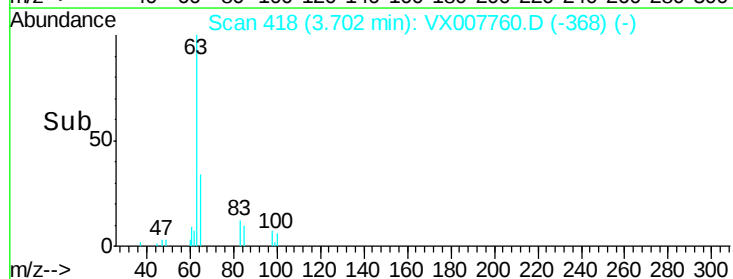
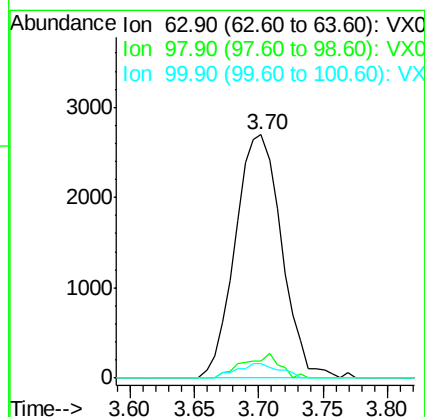
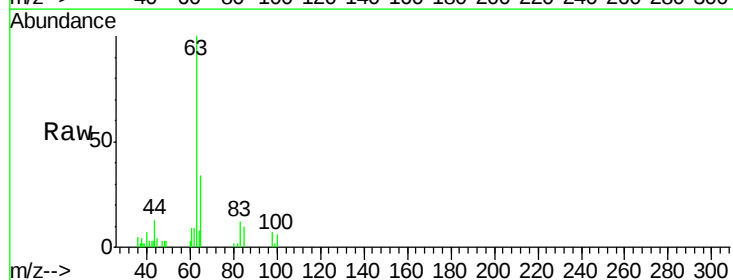
Instrument :
MSVOA_X
ClientSampleId :
M1-T2-OZ(PRE)

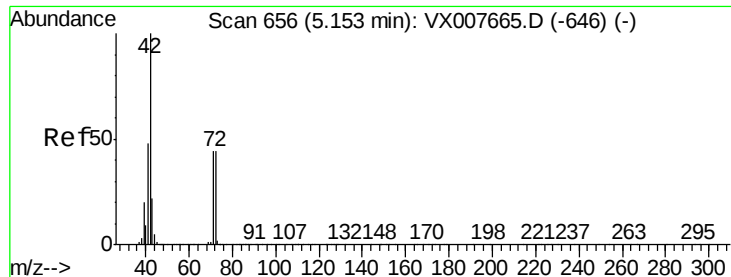
Tot Ion: 73 Resp: 5091
Ion Ratio Lower Upper
73 100
57 18.6 17.8 26.8



#24
1,1-Dichloroethane
Concen: 1.174 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX007760.D
Acq: 28 Feb 2019 12:25

Tgt Ion: 63 Resp: 6731
Ion Ratio Lower Upper
63 100
98 6.9 3.6 10.8
100 5.9 2.5 7.4





#29

Tetrahydrofuran

Concen: 2.663 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007760.D

Acq: 28 Feb 2019 12:25

Instrument :

MSVOA_X

ClientSampleId :

M1-T2-OZ(PRE)

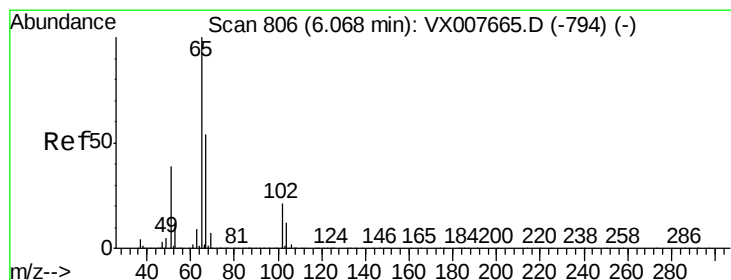
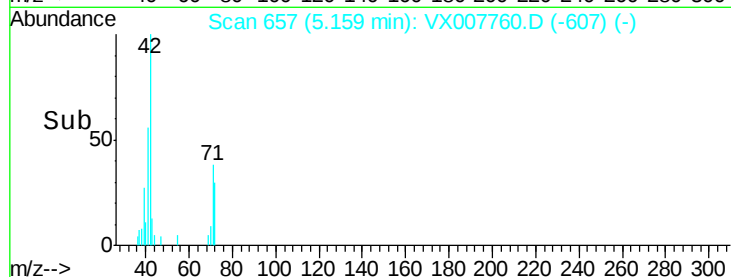
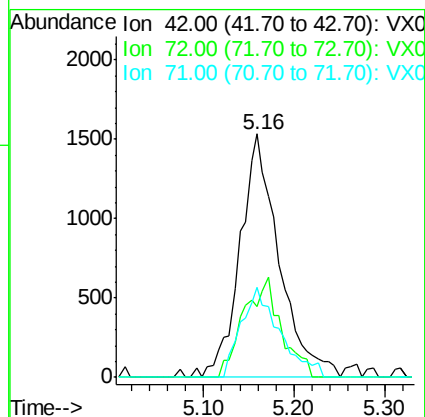
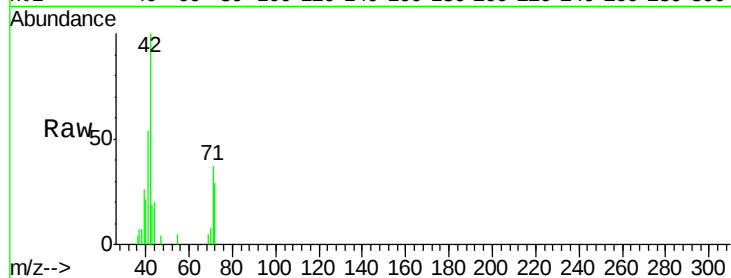
Tot Ion: 42 Resp: 4615

Ion Ratio Lower Upper

42 100

72 38.9 37.6 56.4

71 36.1 34.6 51.8



#33

1,2-Dichloroethane-d4

Concen: 49.147 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007760.D

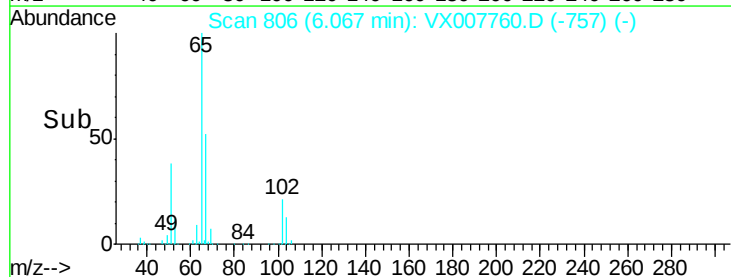
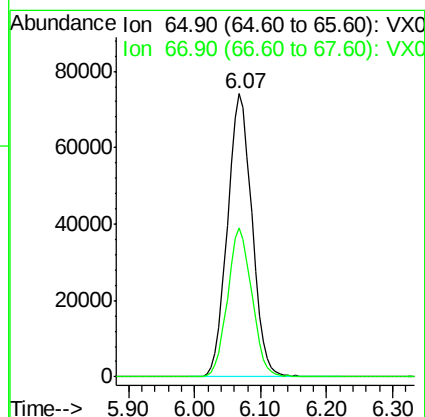
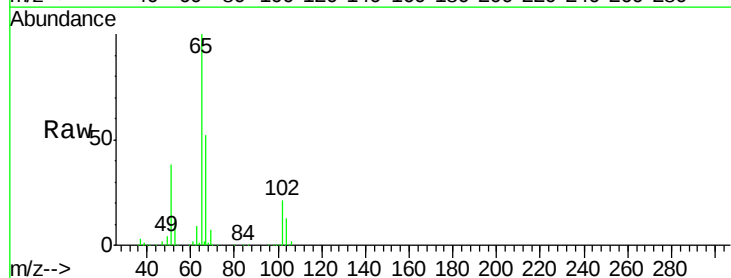
Acq: 28 Feb 2019 12:25

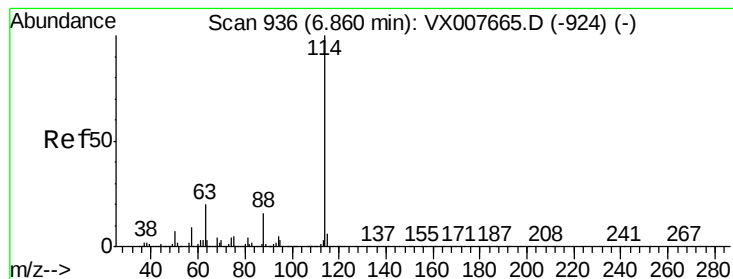
Tgt Ion: 65 Resp: 190736

Ion Ratio Lower Upper

65 100

67 52.0 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007760.D

Acq: 28 Feb 2019 12:25

Instrument :

MSVOA_X

ClientSampleId :

M1-T2-OZ(PRE)

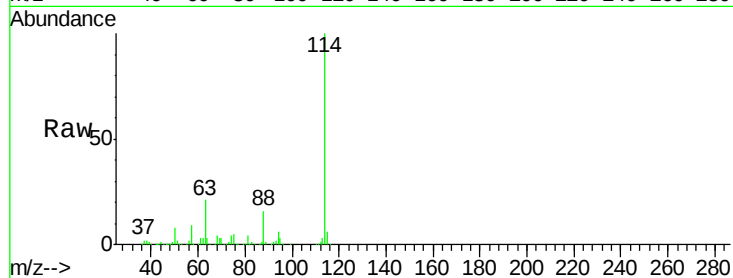
Tot Ion:114 Resp: 488069

Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.6

88 15.8 0.0 29.6



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

250000

200000

150000

100000

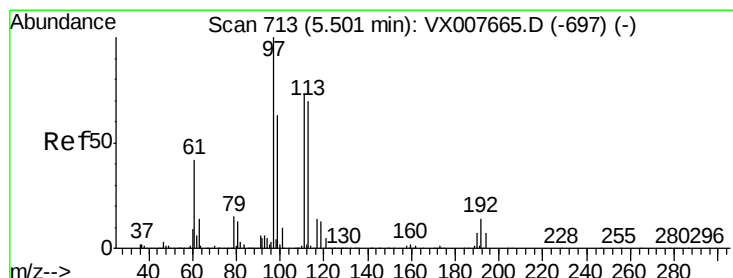
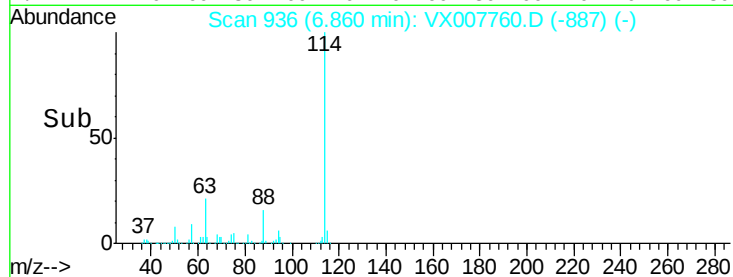
50000

0

6.86

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 49.128 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007760.D

Acq: 28 Feb 2019 12:25

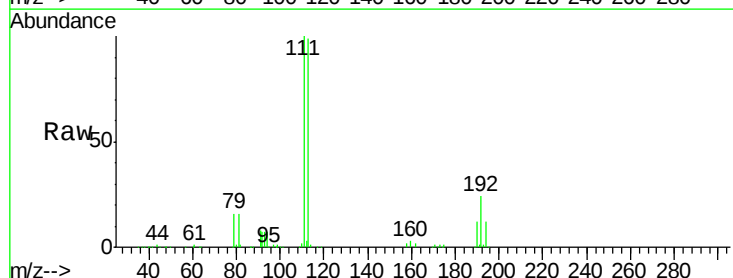
Tgt Ion:113 Resp: 160284

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

192 24.0 18.5 27.7



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

80000

60000

40000

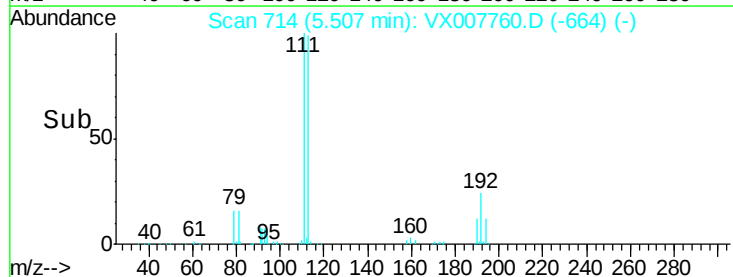
20000

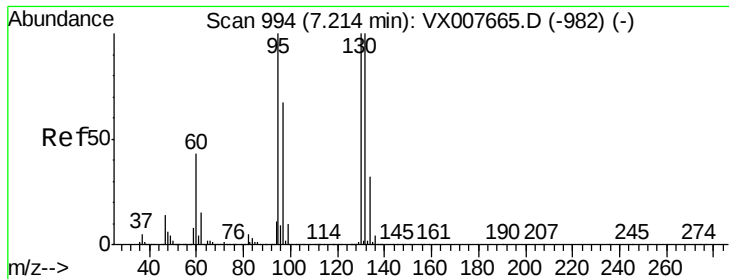
0

5.51

5.40 5.50 5.60

Time-->





#44

Trichloroethene

Concen: 1.151 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007760.D

Acq: 28 Feb 2019 12:25

Instrument :

MSVOA_X

ClientSampleId :

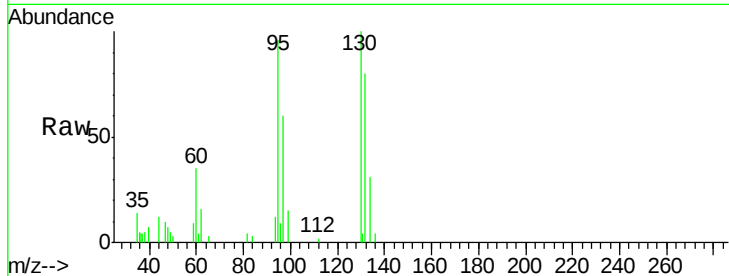
M1-T2-OZ(PRE)

Tot Ion:130 Resp: 4289

Ion Ratio Lower Upper

130 100

95 96.2 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

2000

1500

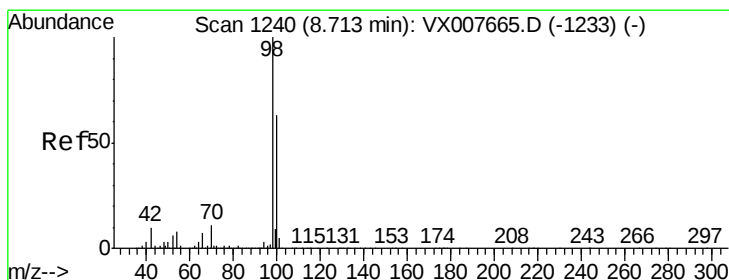
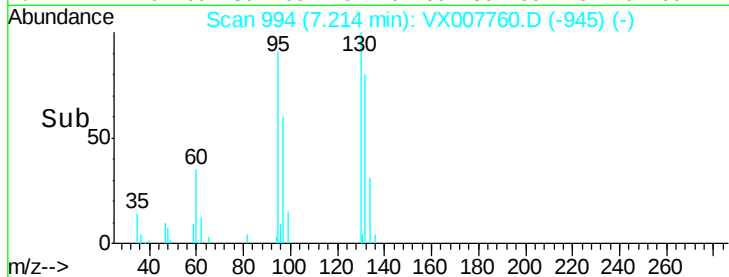
1000

500

0

7.15 7.20 7.25 7.30

Time-->



#50

Toluene-d8

Concen: 47.967 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007760.D

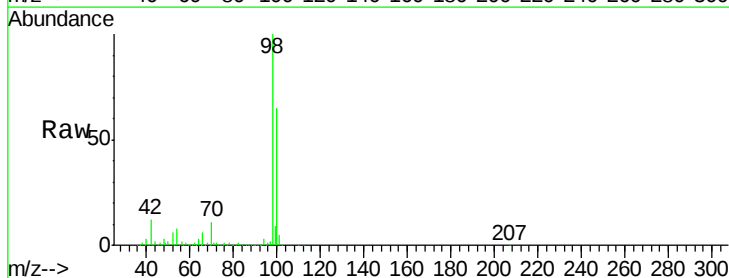
Acq: 28 Feb 2019 12:25

Tgt Ion: 98 Resp: 599130

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

400000

300000

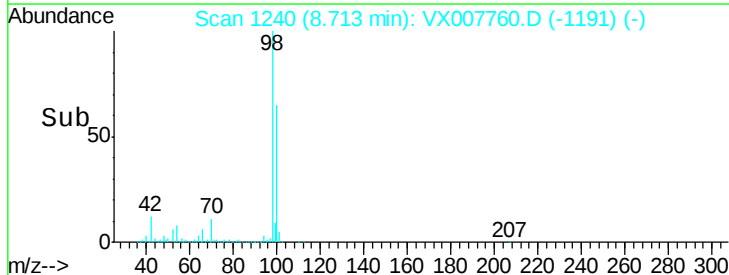
200000

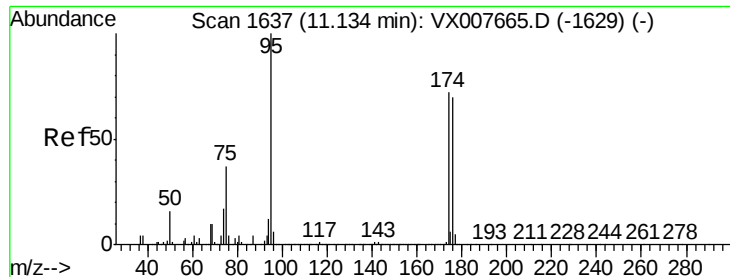
100000

0

8.60 8.70 8.80 8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 47.203 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007760.D

Acq: 28 Feb 2019 12:25

Instrument :

MSVOA_X

ClientSampleId :

M1-T2-OZ(PRE)

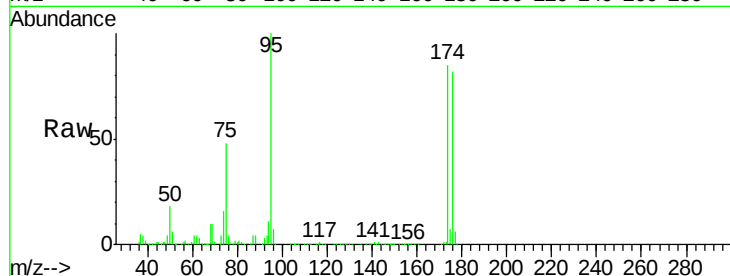
Tot Ion: 95 Resp: 216399

Ion Ratio Lower Upper

95 100

174 91.8 0.0 189.2

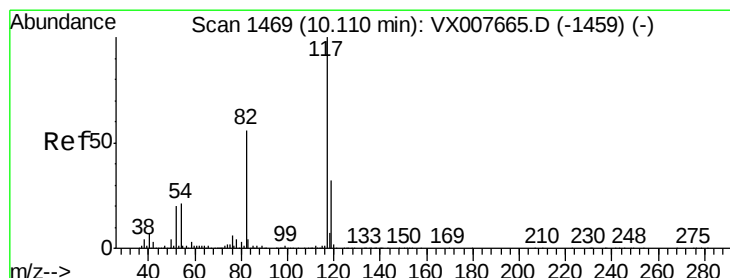
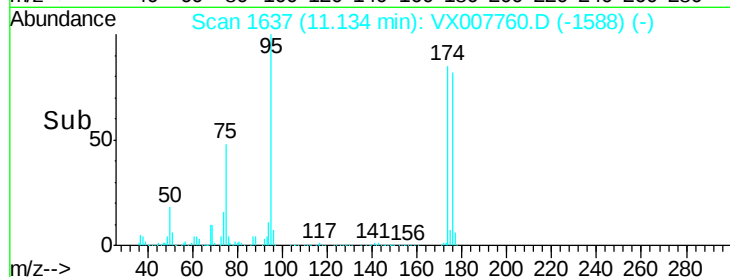
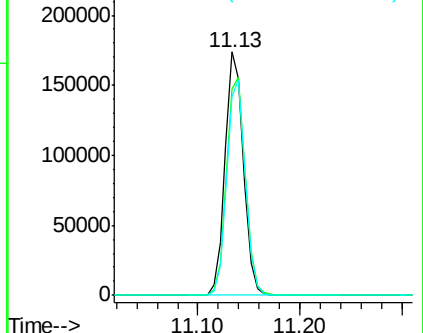
176 88.7 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007760.D

Acq: 28 Feb 2019 12:25

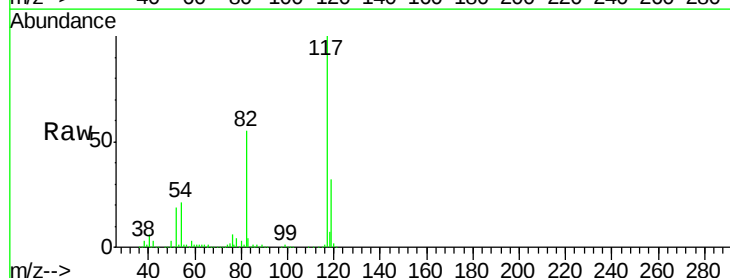
Tgt Ion: 117 Resp: 465571

Ion Ratio Lower Upper

117 100

82 55.4 42.1 63.1

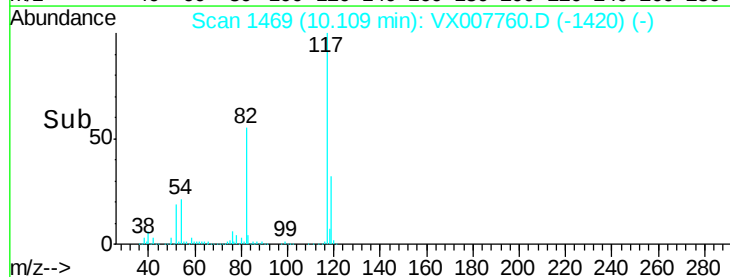
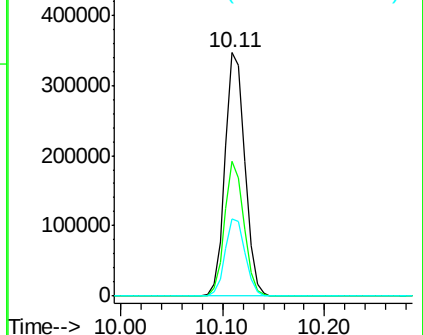
119 31.7 26.5 39.7

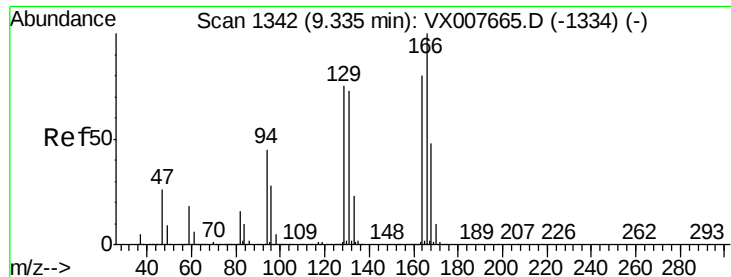


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

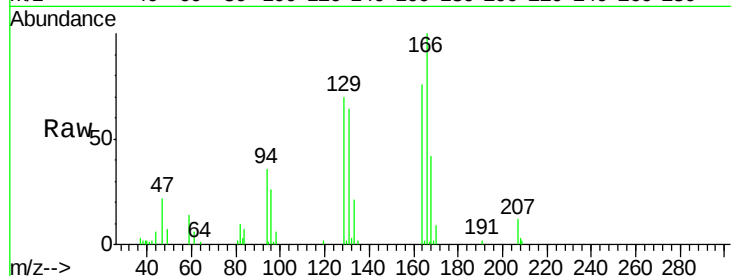




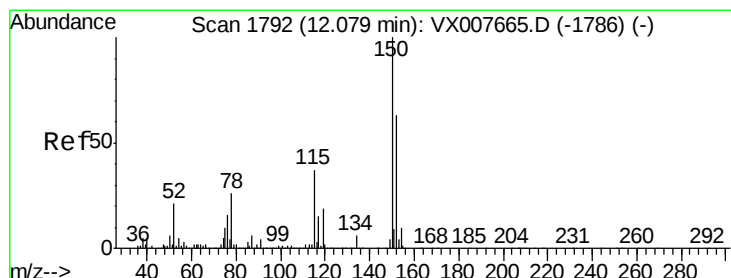
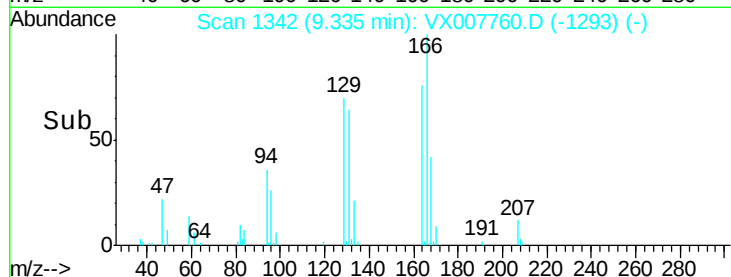
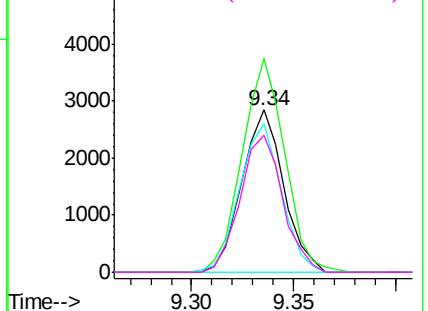
#64
Tetrachloroethene
Concen: 1.070 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007760.D
Acq: 28 Feb 2019 12:25

Instrument :
MSVOA_X
ClientSampleId :
M1-T2-OZ(PRE)

Tot Ion:164 Resp: 4046
Ion Ratio Lower Upper
164 100
166 131.9 101.0 151.4
129 91.9 70.5 105.7
131 85.0 69.8 104.6

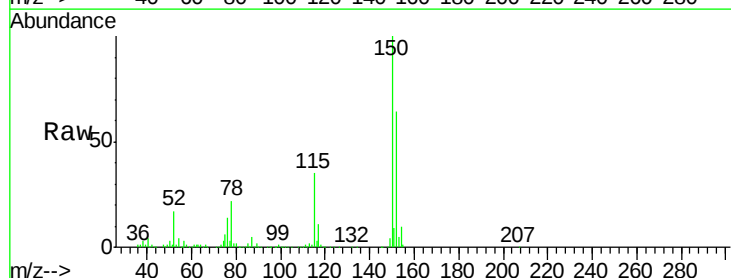


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007760.D
Acq: 28 Feb 2019 12:25

Tgt Ion:152 Resp: 221466
Ion Ratio Lower Upper
152 100
115 55.3 38.0 114.0
150 156.7 0.0 346.4



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

