

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022519\
 Data File : VX007694.D
 Acq On : 26 Feb 2019 04:41
 Operator : JC/SP
 Sample : K1603-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M1-T1-OZ(PRE)

Quant Time: Feb 26 05:35:08 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

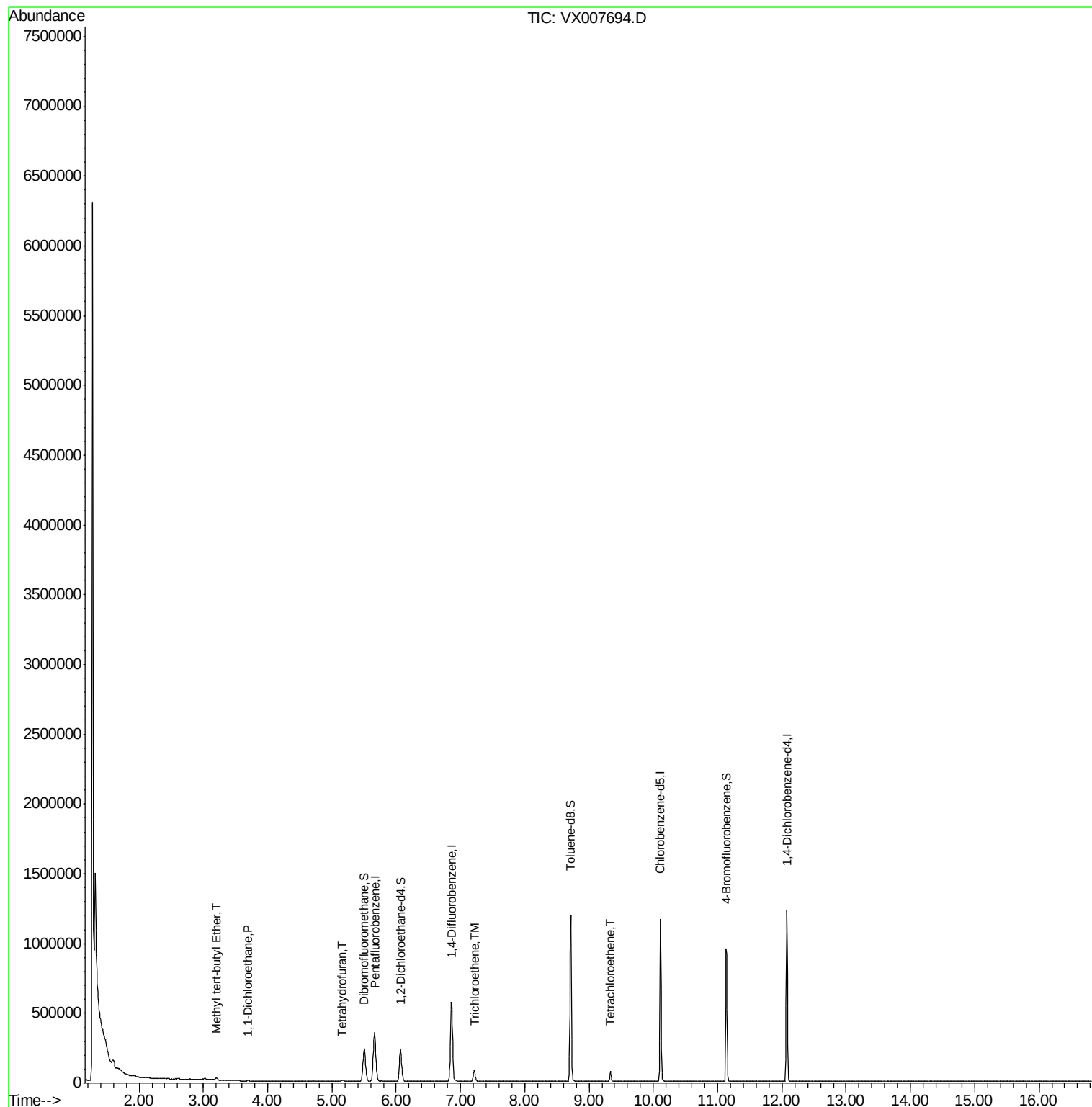
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	350796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	591881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	559855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	255120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	209815	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
35) Dibromofluoromethane	5.50	113	196923	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	8.71	98	717255	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
62) 4-Bromofluorobenzene	11.13	95	253853	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
Target Compounds						
19) Methyl tert-butyl Ether	3.21	73	15812	1.480	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	8807	1.372	ug/l	97
29) Tetrahydrofuran	5.16	42	8597	4.431	ug/l	95
44) Trichloroethene	7.21	130	31365	6.941	ug/l	97
64) Tetrachloroethene	9.34	164	14866	3.271	ug/l	95

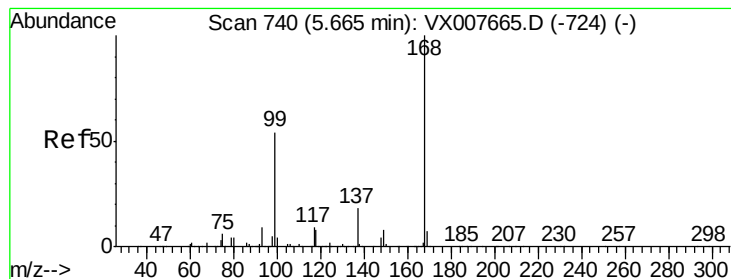
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007694.D

Acq: 26 Feb 2019 04:41

Instrument :

MSVOA_X

ClientSampleId :

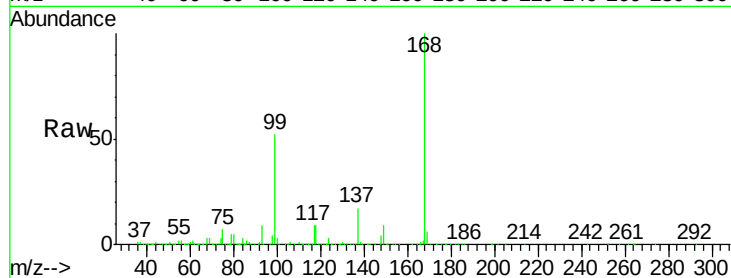
M1-T1-OZ(PRE)

Tot Ion:168 Resp: 350796

Ion Ratio Lower Upper

168 100

99 52.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

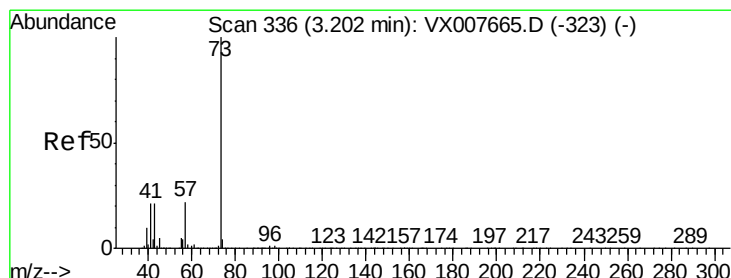
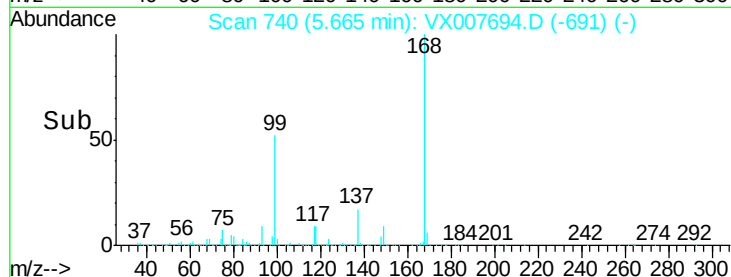
5.67

100000

50000

0

Time-->



#19

Methyl tert-butyl Ether

Concen: 1.480 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX007694.D

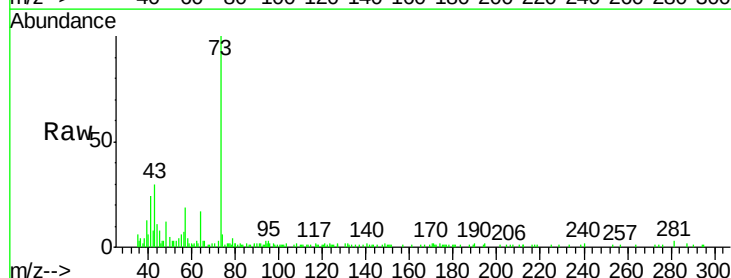
Acq: 26 Feb 2019 04:41

Tgt Ion: 73 Resp: 15812

Ion Ratio Lower Upper

73 100

57 16.8 17.8 26.8#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

8000

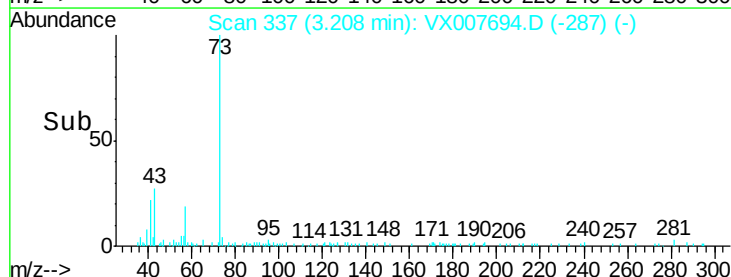
6000

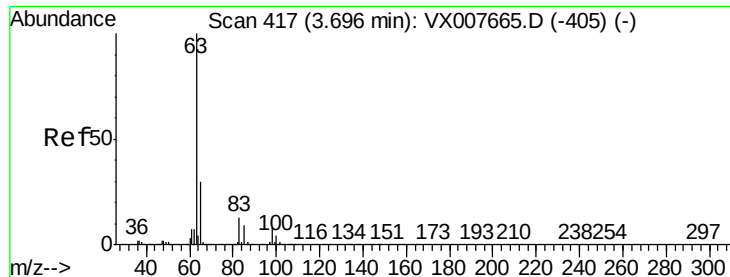
4000

2000

0

Time-->





#24

1,1-Dichloroethane

Concen: 1.372 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007694.D

Acq: 26 Feb 2019 04:41

Instrument :

MSVOA_X

ClientSampleId :

M1-T1-OZ(PRE)

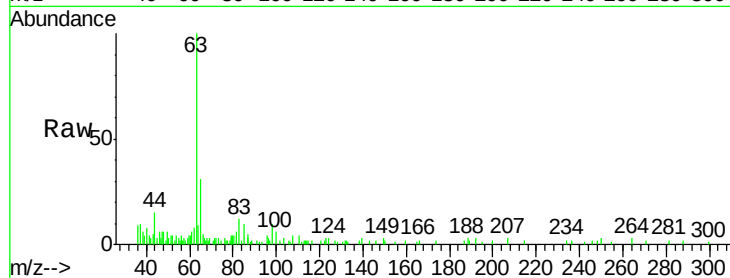
Tot Ion: 63 Resp: 8807

Ion Ratio Lower Upper

63 100

98 8.6 3.6 10.8

100 5.7 2.5 7.4



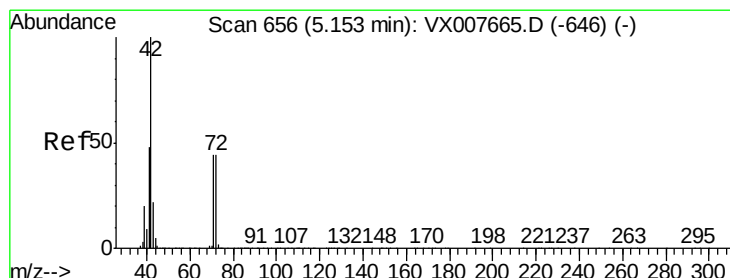
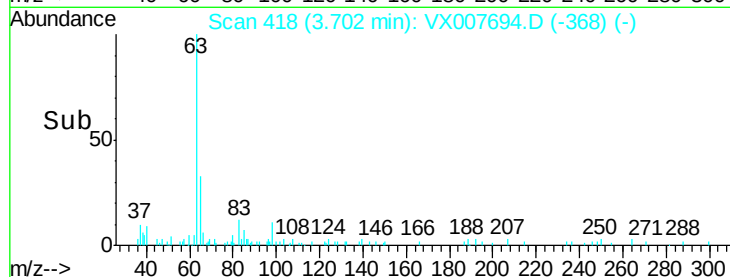
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

Time-->



#29

Tetrahydrofuran

Concen: 4.431 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007694.D

Acq: 26 Feb 2019 04:41

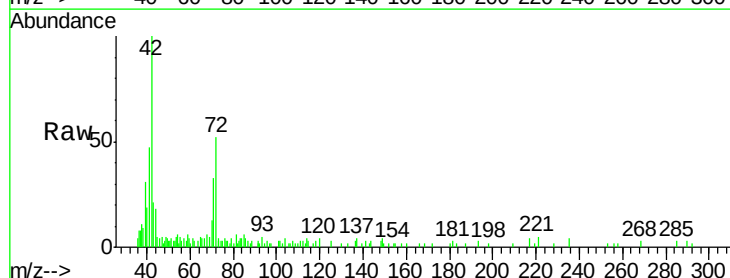
Tgt Ion: 42 Resp: 8597

Ion Ratio Lower Upper

42 100

72 51.1 37.6 56.4

71 46.0 34.6 51.8



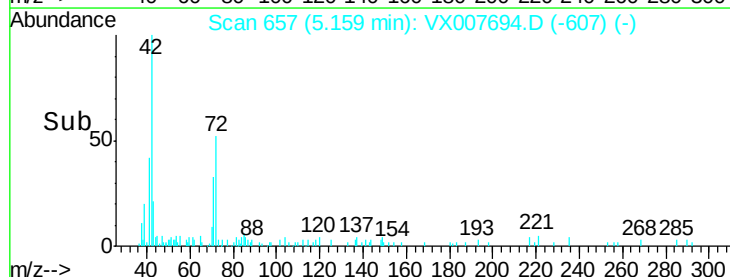
Abundance Ion 42.00 (41.70 to 42.70): VX0

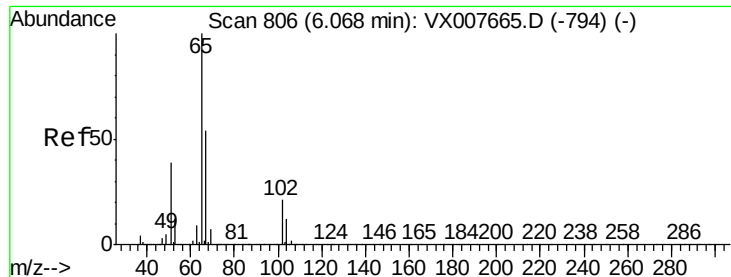
Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

5.16

Time-->

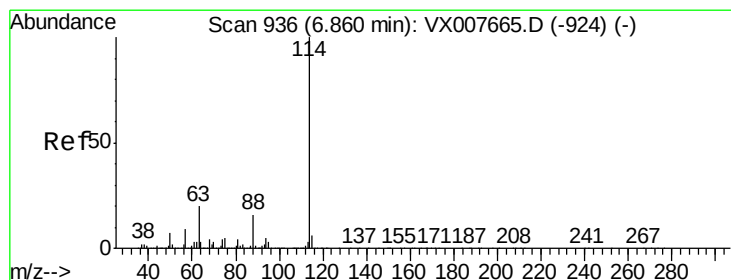
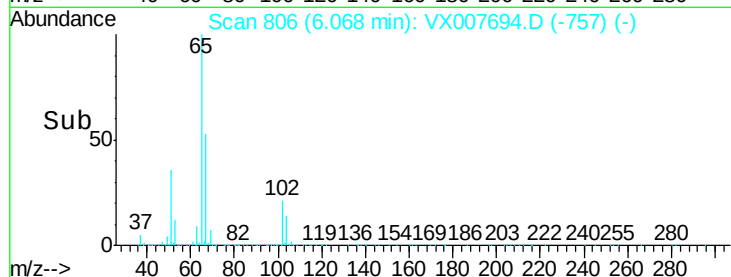
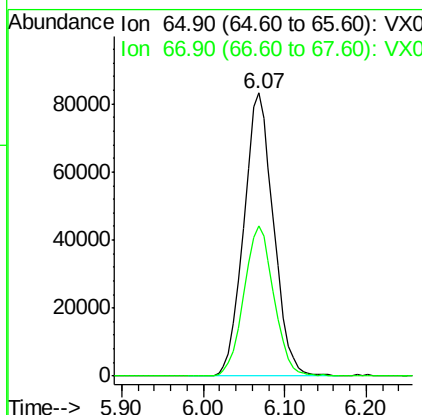
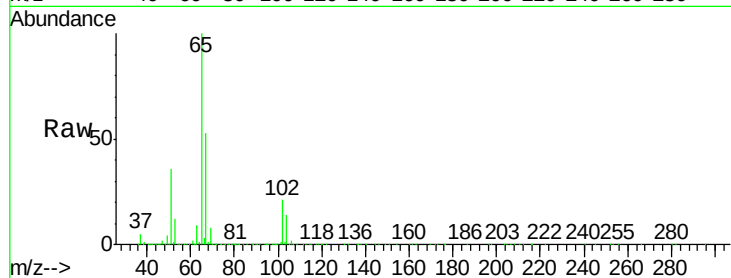




#33
 1,2-Dichloroethane-d4
 Concen: 48.286 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007694.D
 Acq: 26 Feb 2019 04:41

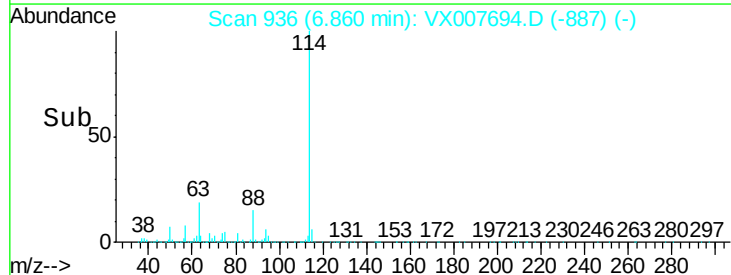
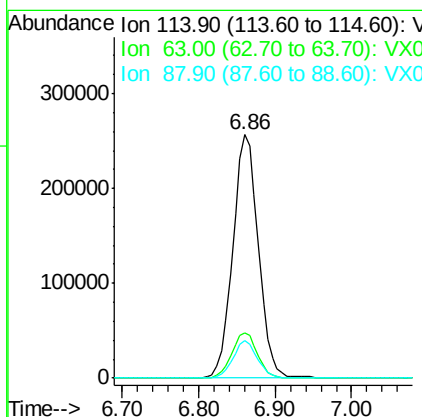
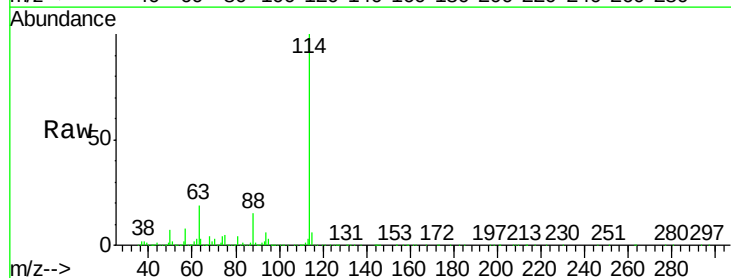
Instrument :
 MSVOA_X
 ClientSampleId :
 M1-T1-OZ(PRE)

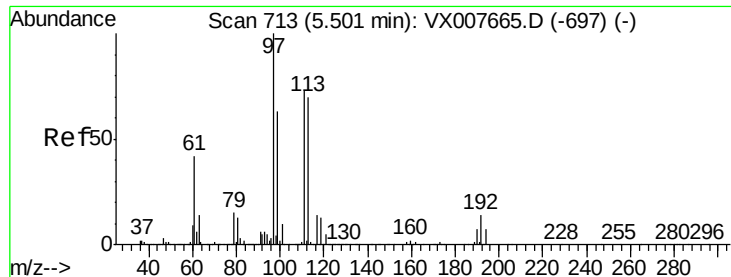
Tot Ion: 65 Resp: 209815
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007694.D
 Acq: 26 Feb 2019 04:41

Tgt Ion: 114 Resp: 591881
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 35.6
 88 15.1 0.0 29.6

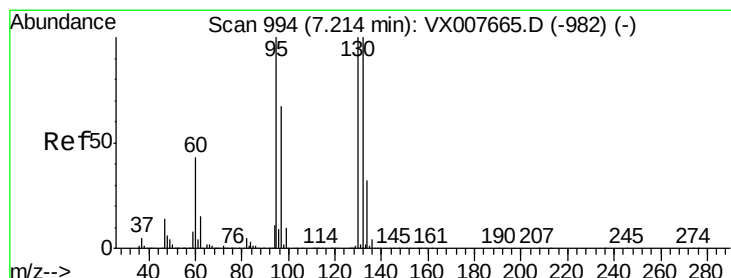
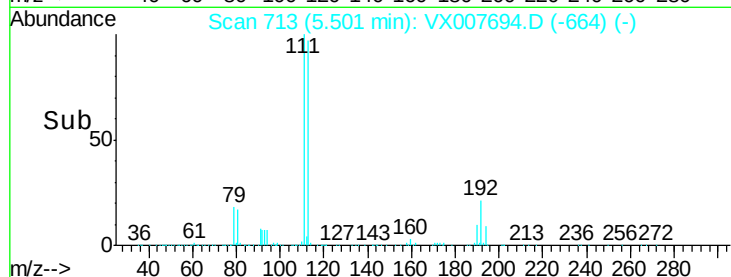
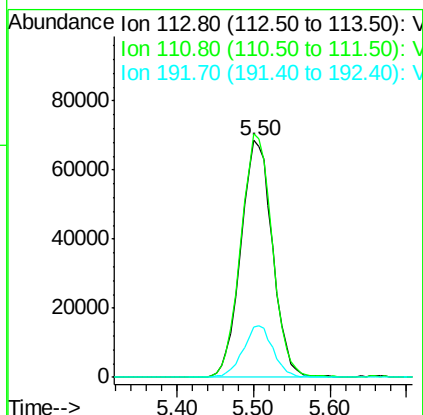
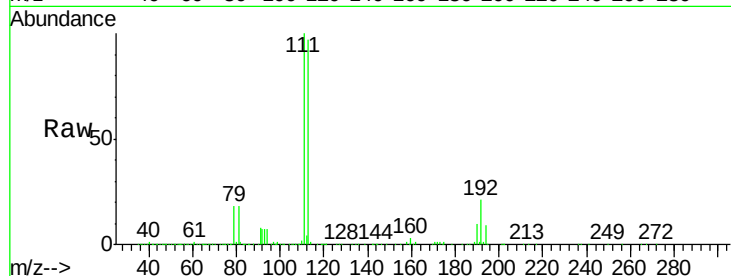




#35
 Dibromofluoromethane
 Concen: 49.772 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007694.D
 Acq: 26 Feb 2019 04:41

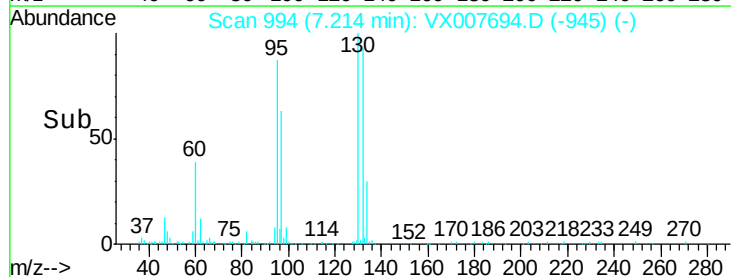
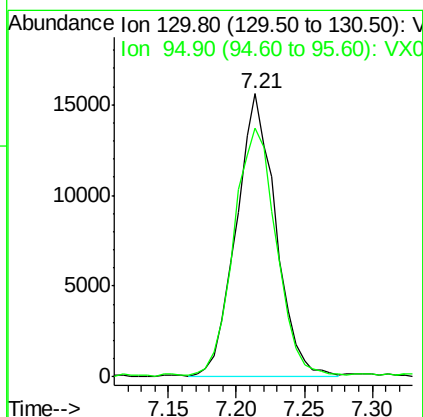
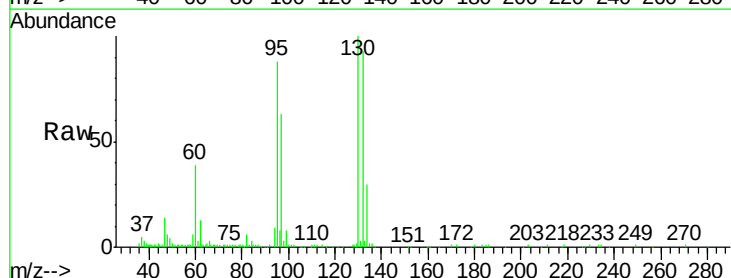
Instrument :
 MSVOA_X
 ClientSampleId :
 M1-T1-OZ(PRE)

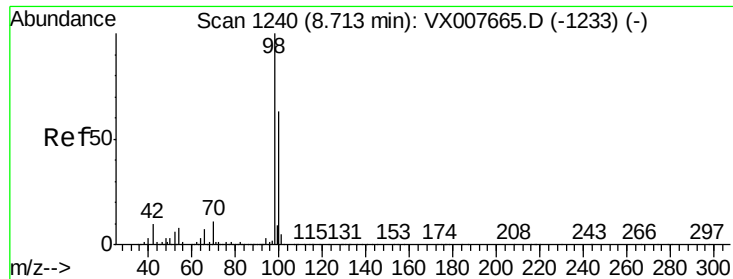
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	20.7	18.5	27.7



#44
 Trichloroethene
 Concen: 6.941 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007694.D
 Acq: 26 Feb 2019 04:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.5	0.0	180.0

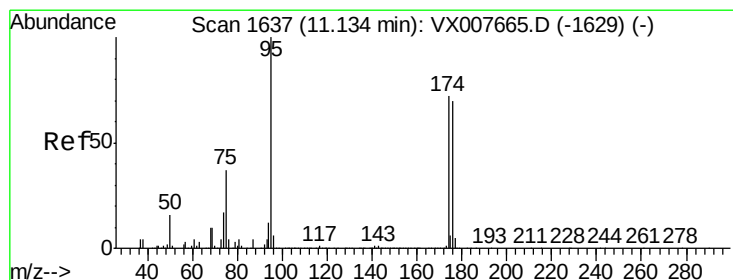
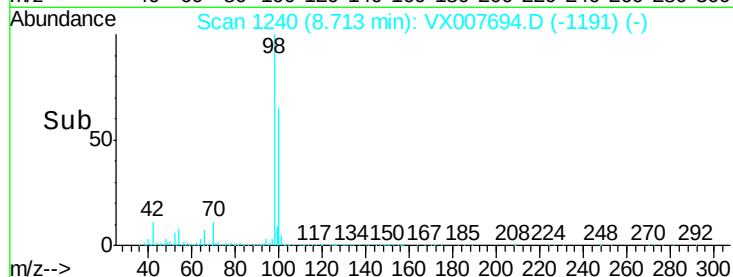
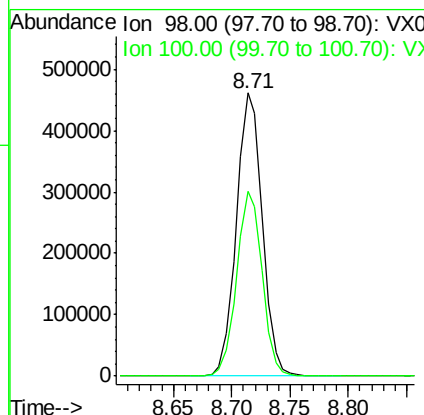
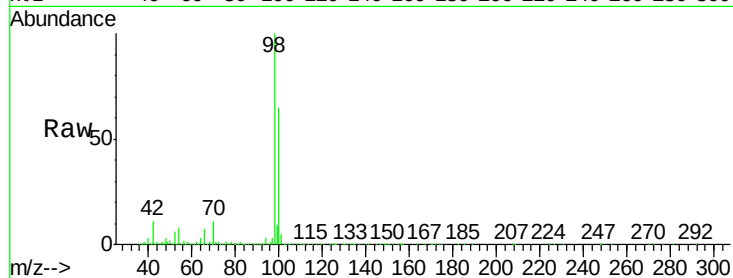




#50
Toluene-d8
Concen: 47.353 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007694.D
Acq: 26 Feb 2019 04:41

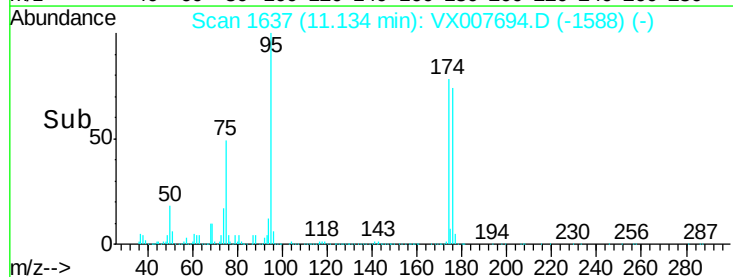
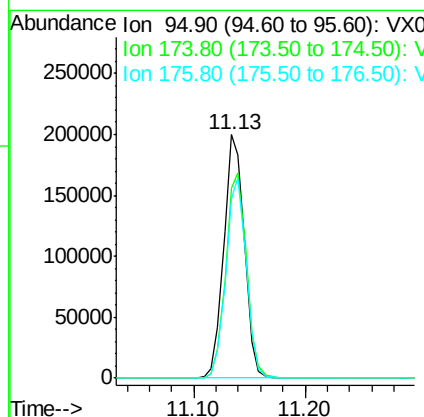
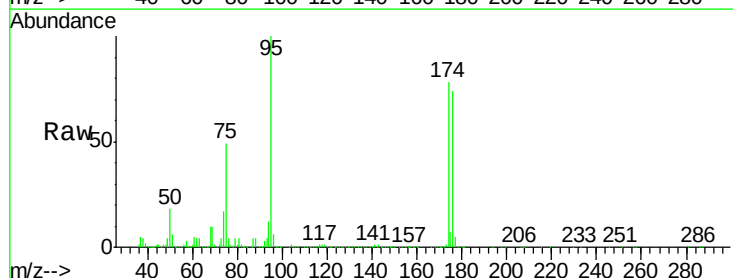
Instrument :
MSVOA_X
ClientSampleId :
M1-T1-OZ(PRE)

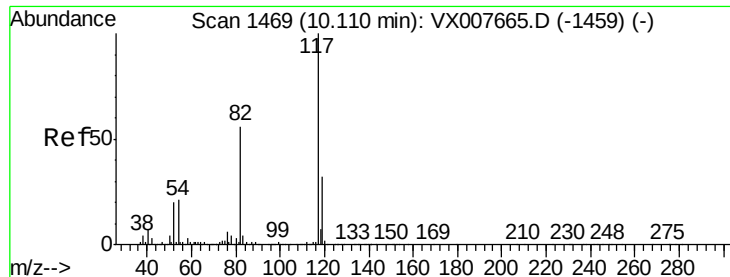
Tot Ion: 98 Resp: 717255
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.661 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007694.D
Acq: 26 Feb 2019 04:41

Tgt Ion: 95 Resp: 253853
Ion Ratio Lower Upper
95 100
174 85.7 0.0 189.2
176 81.8 0.0 186.2

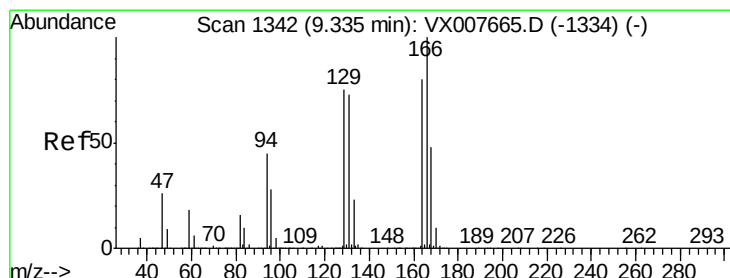
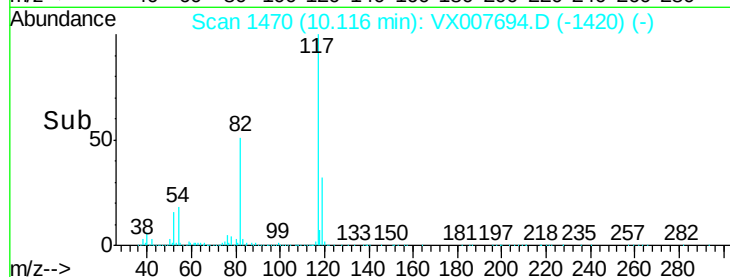
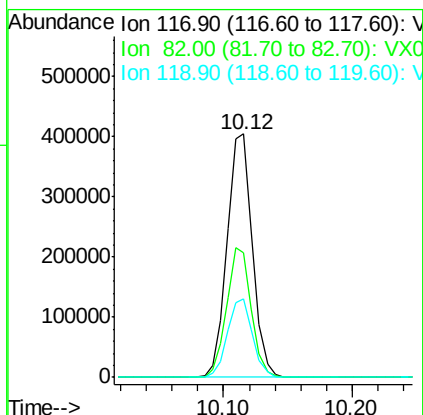
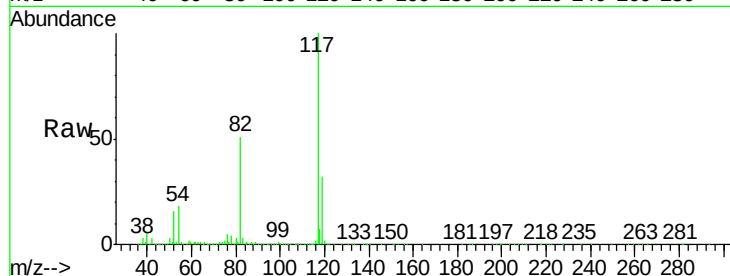




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007694.D
Acq: 26 Feb 2019 04:41

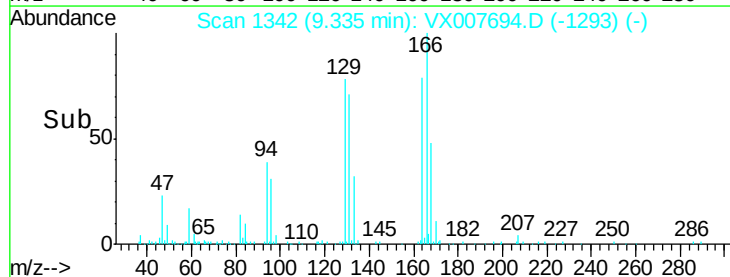
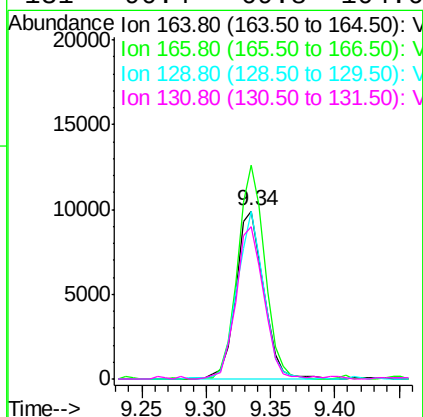
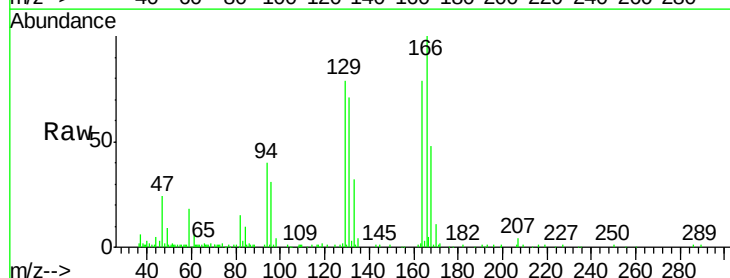
Instrument :
MSVOA_X
ClientSampleId :
M1-T1-OZ(PRE)

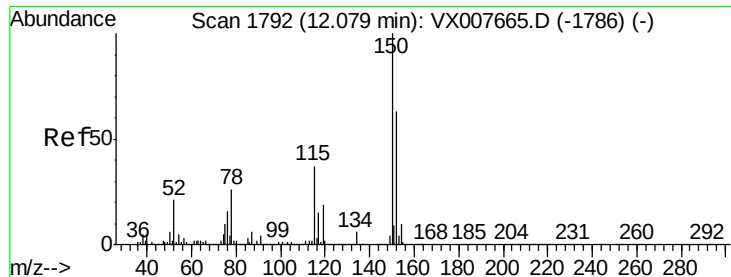
Tot Ion:117 Resp: 559855
Ion Ratio Lower Upper
117 100
82 51.2 42.1 63.1
119 32.3 26.5 39.7



#64
Tetrachloroethene
Concen: 3.271 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007694.D
Acq: 26 Feb 2019 04:41

Tgt Ion:164 Resp: 14866
Ion Ratio Lower Upper
164 100
166 127.2 101.0 151.4
129 100.2 70.5 105.7
131 90.4 69.8 104.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007694.D

Acq: 26 Feb 2019 04:41

Instrument :

MSVOA_X

ClientSampleId :

M1-T1-OZ(PRE)

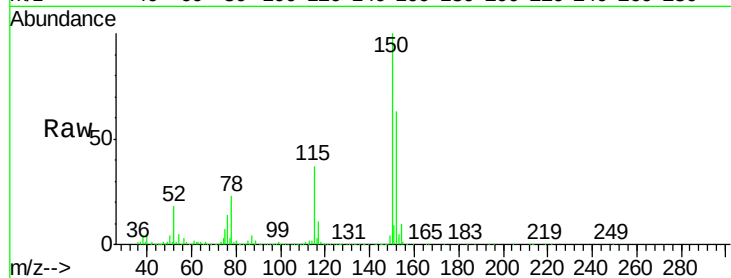
Tot Ion:152 Resp: 255120

Ion Ratio Lower Upper

152 100

115 57.4 38.0 114.0

150 157.7 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

