

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011019\
 Data File : VX006998.D
 Acq On : 10 Jan 2019 18:54
 Operator : JC/MD
 Sample : K1015-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-010918-B

Quant Time: Jan 11 08:05:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

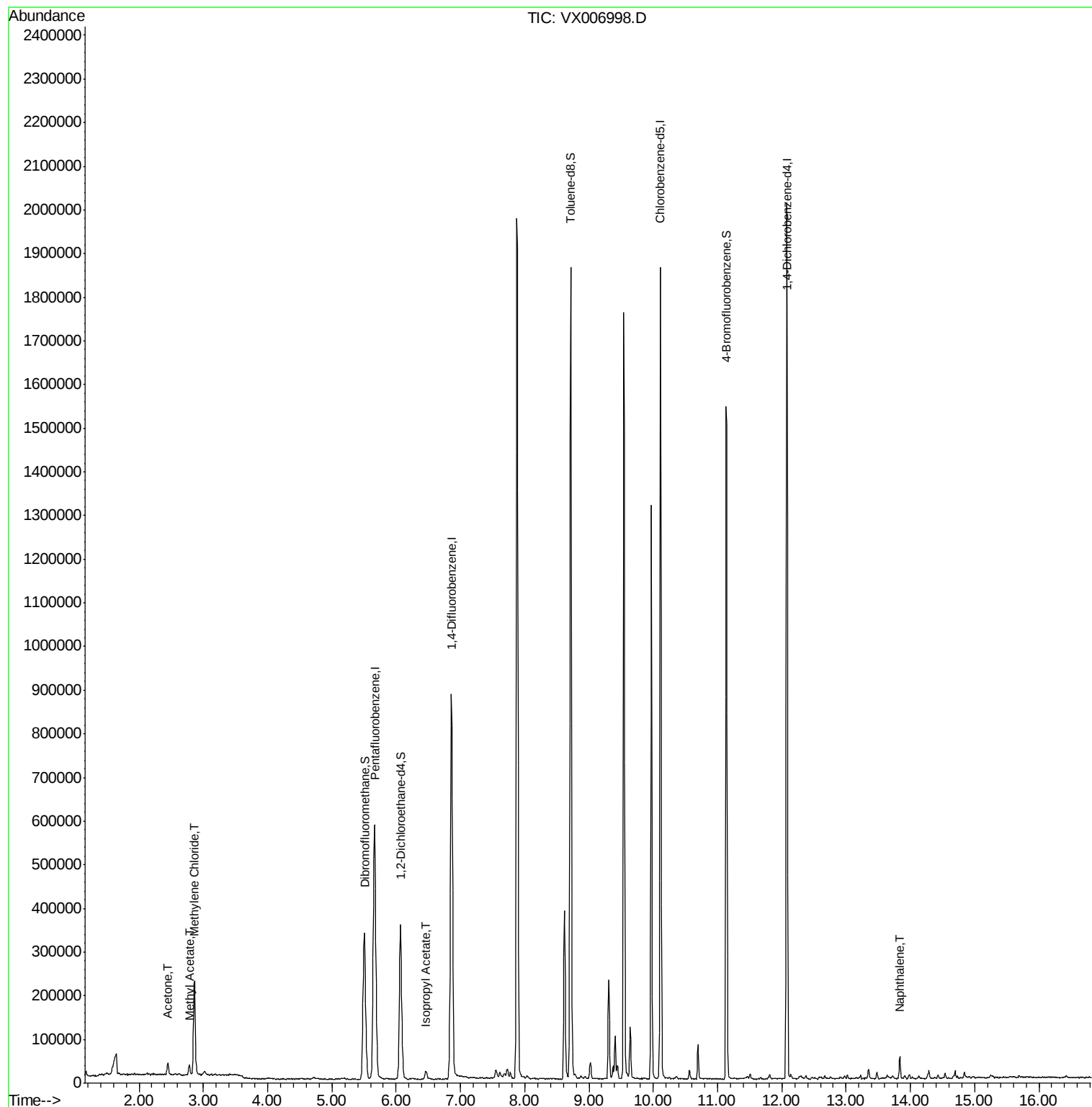
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	609403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	939522	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	885683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	424687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	325734	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
35) Dibromofluoromethane	5.51	113	283586	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
50) Toluene-d8	8.71	98	1137835	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.13	95	398548	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
Target Compounds						
16) Acetone	2.45	43	30776	9.775	ug/l	96
18) Methyl Acetate	2.78	43	29093	3.191	ug/l	98
20) Methylene Chloride	2.86	84	104297	17.043	ug/l	94
43) Isopropyl Acetate	6.46	43	23823	1.725	ug/l	95
95) Naphthalene	13.83	128	32622	1.066	ug/l	98

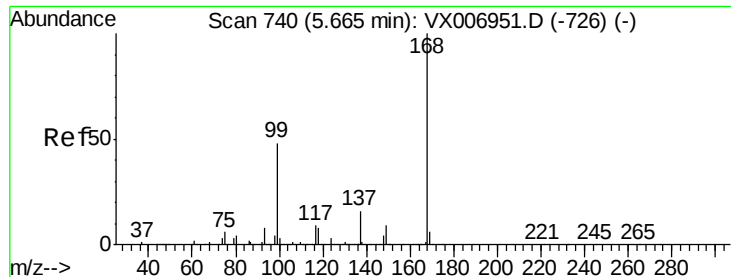
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



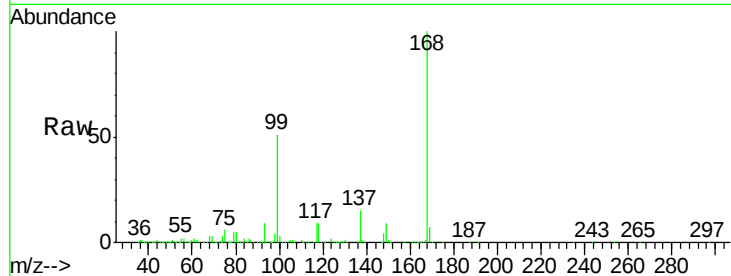


#1

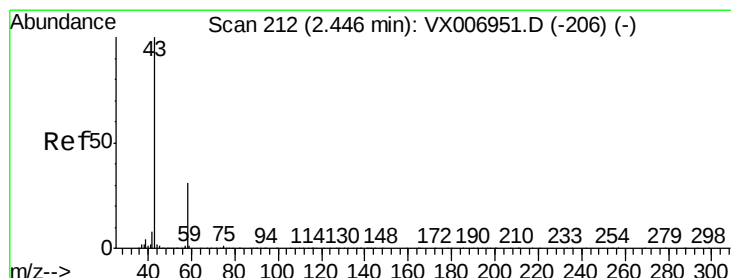
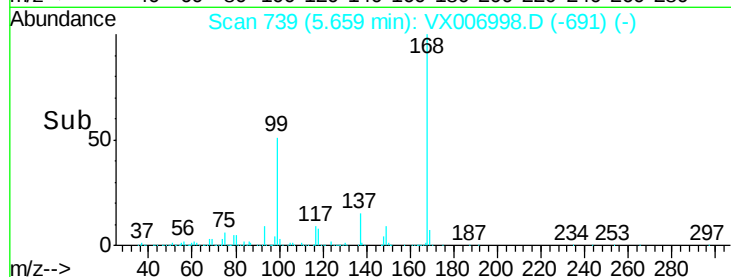
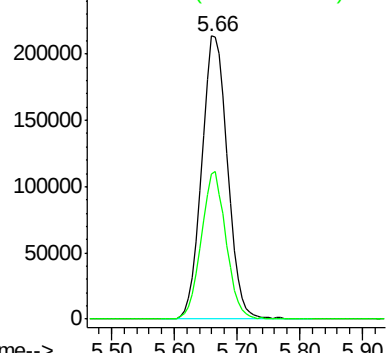
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX006998.D
 Acq: 10 Jan 2019 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-010918-B

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.3	41.8	62.8



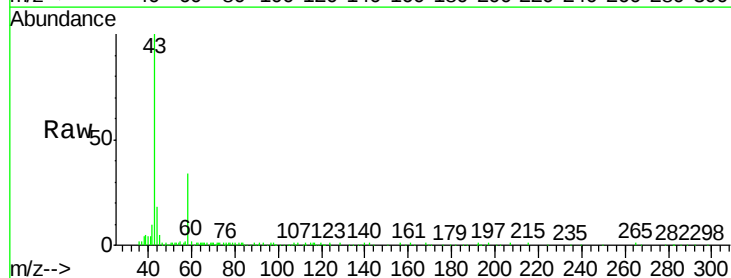
Abundance Ion 167.90 (167.60 to 168.60): VX006998.D (-691) (-)



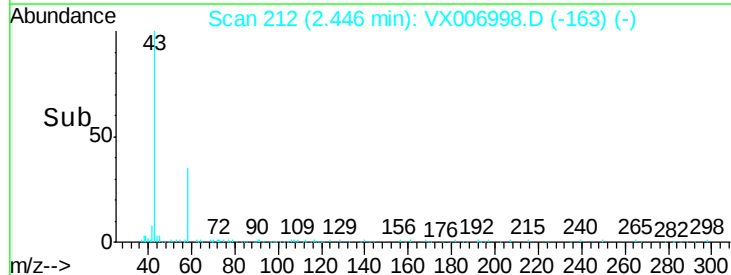
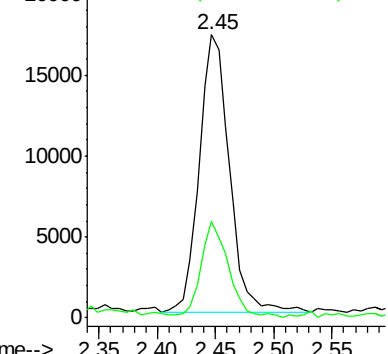
#16

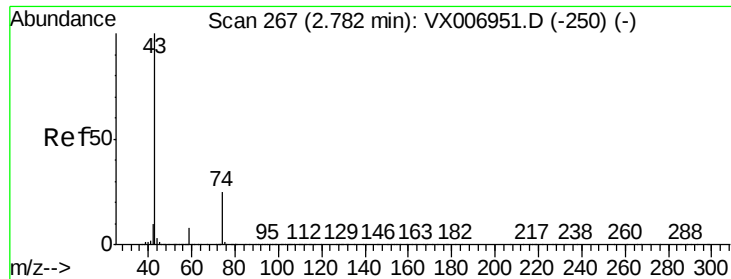
Acetone
 Concen: 9.775 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006998.D
 Acq: 10 Jan 2019 18:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.0	37.6



Abundance Ion 43.00 (42.70 to 43.70): VX006998.D (-163) (-)

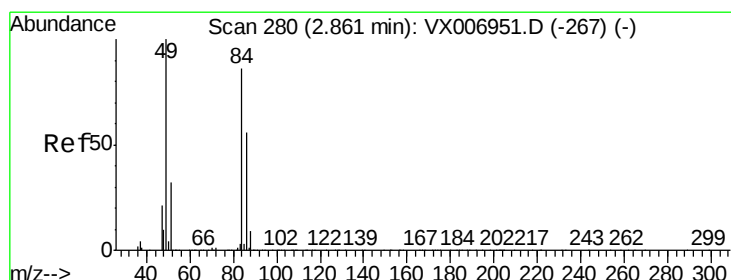
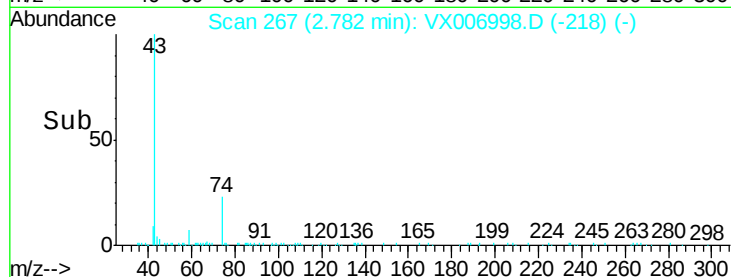
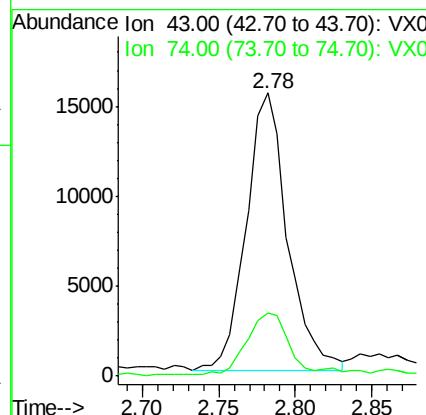
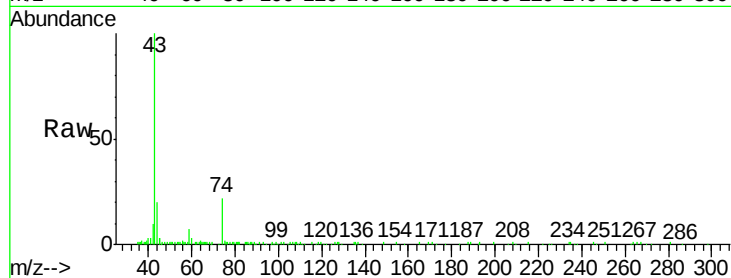




#18
Methyl Acetate
Concen: 3.191 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006998.D
Acq: 10 Jan 2019 18:54

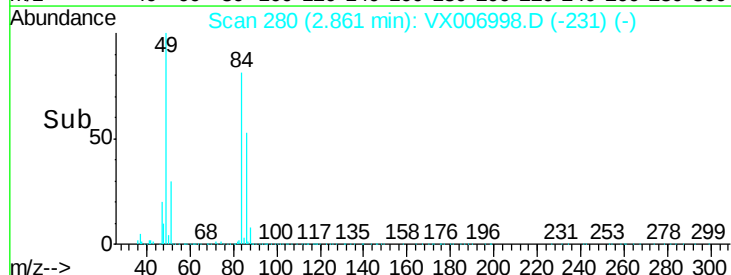
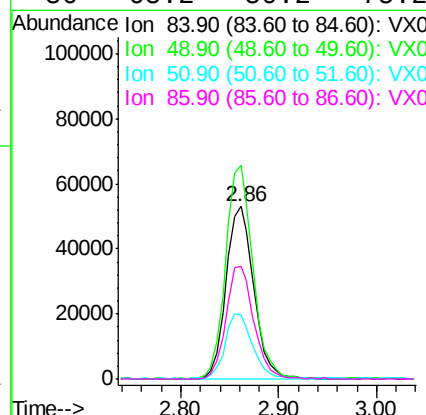
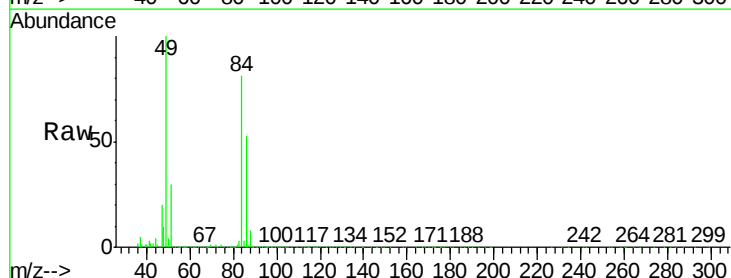
Instrument :
MSVOA_X
ClientSampled :
SU-03-010918-B

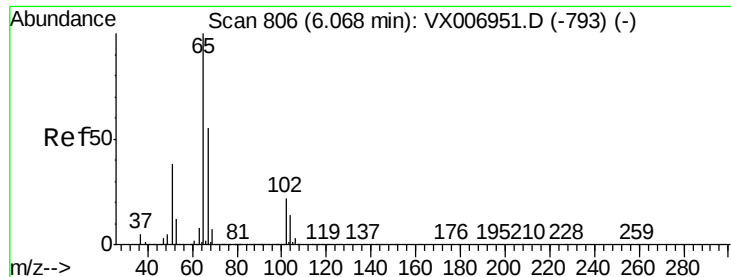
Tot Ion: 43 Resp: 29093
Ion Ratio Lower Upper
43 100
74 22.3 18.6 28.0



#20
Methylene Chloride
Concen: 17.043 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006998.D
Acq: 10 Jan 2019 18:54

Tgt Ion: 84 Resp: 104297
Ion Ratio Lower Upper
84 100
49 123.4 91.8 137.6
51 36.5 28.5 42.7
86 65.2 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 51.145 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006998.D

Acq: 10 Jan 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

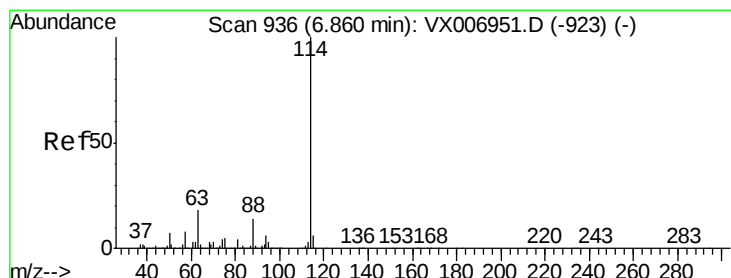
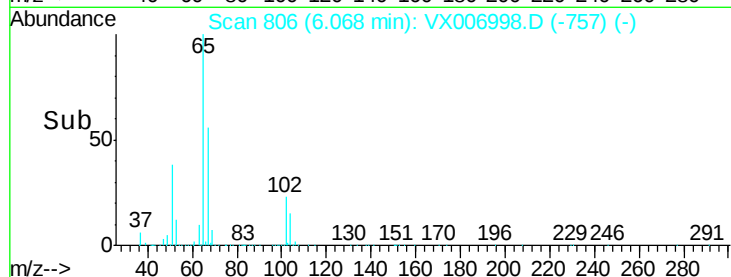
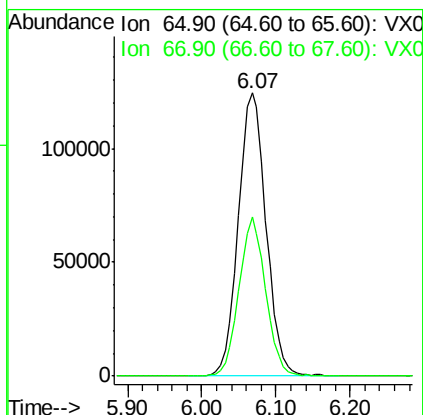
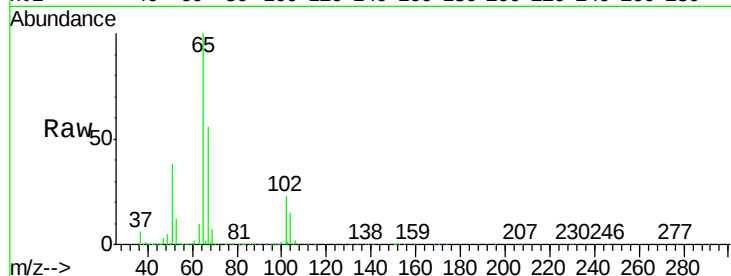
SU-03-010918-B

Tot Ion: 65 Resp: 325734

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006998.D

Acq: 10 Jan 2019 18:54

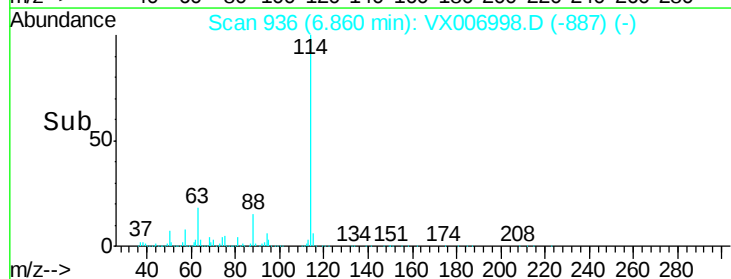
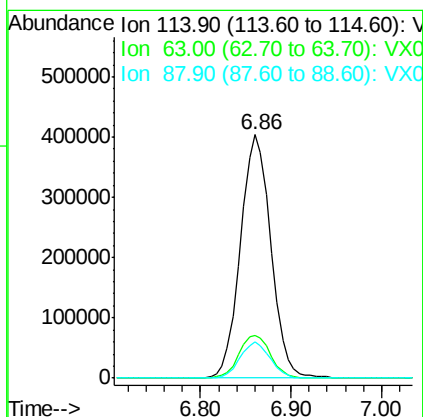
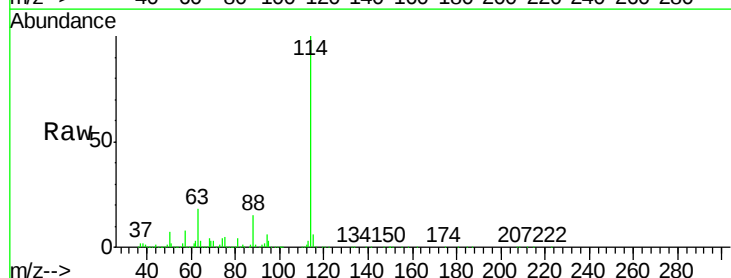
Tgt Ion: 114 Resp: 939522

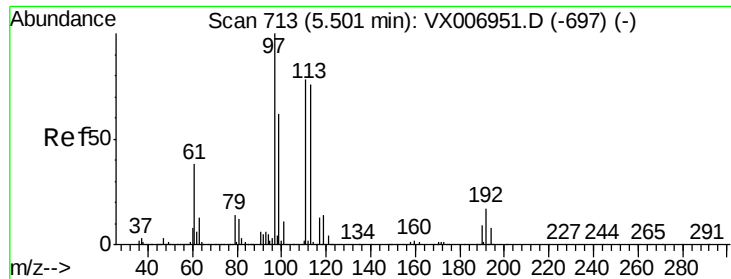
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.134 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006998.D

Acq: 10 Jan 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

SU-03-010918-B

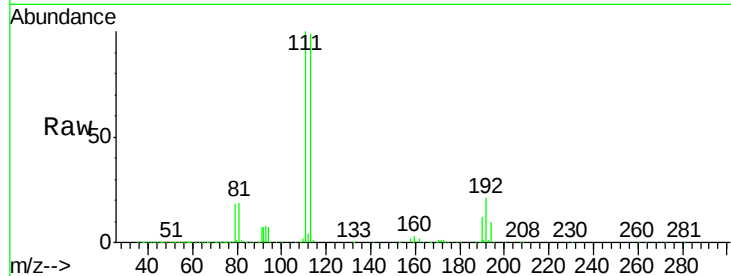
Tot Ion:113 Resp: 283586

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

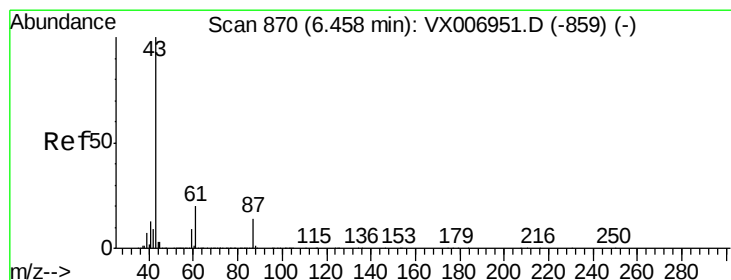
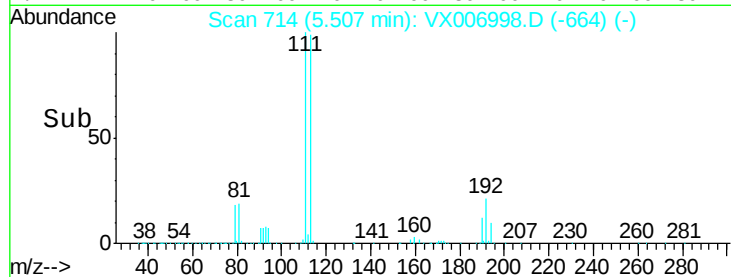
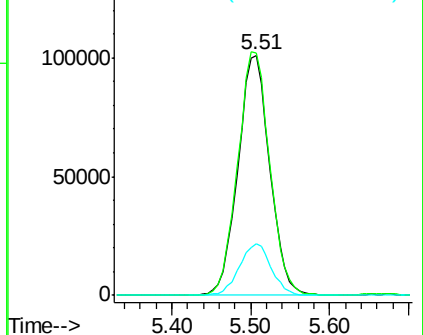
192 21.8 16.7 25.1



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: 1.725 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006998.D

Acq: 10 Jan 2019 18:54

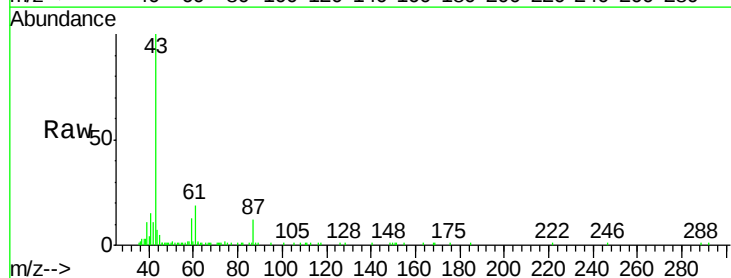
Tgt Ion: 43 Resp: 23823

Ion Ratio Lower Upper

43 100

61 24.2 16.8 25.2

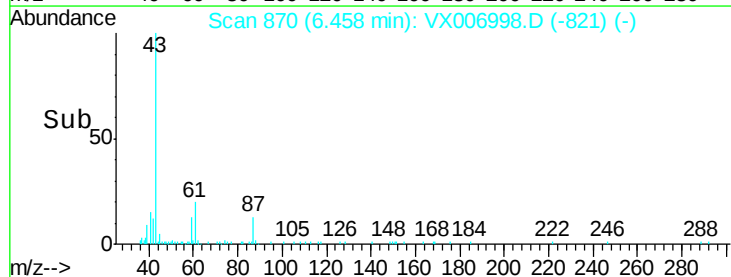
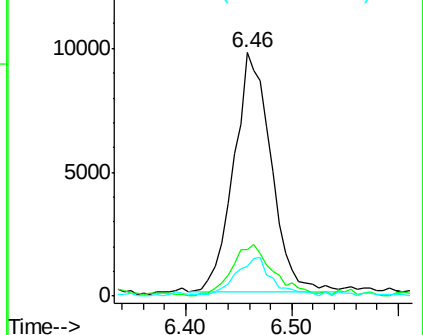
87 16.1 12.4 18.6

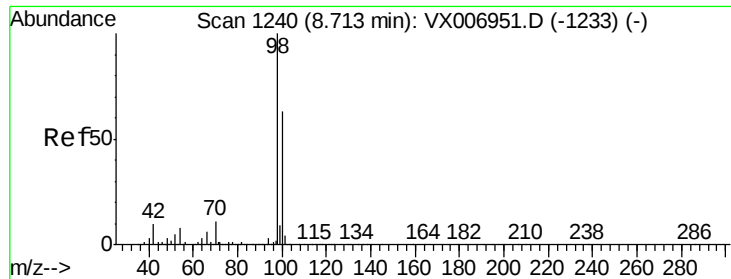


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.666 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006998.D

Acq: 10 Jan 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

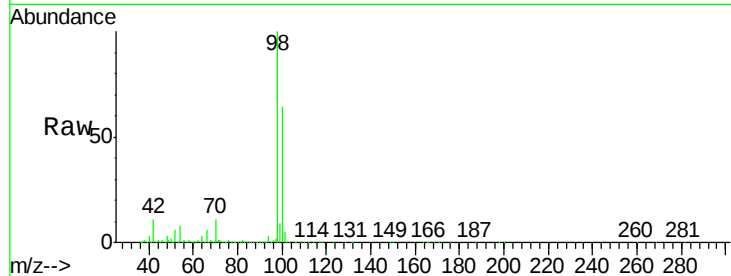
SU-03-010918-B

Tot Ion: 98 Resp: 1137835

Ion Ratio Lower Upper

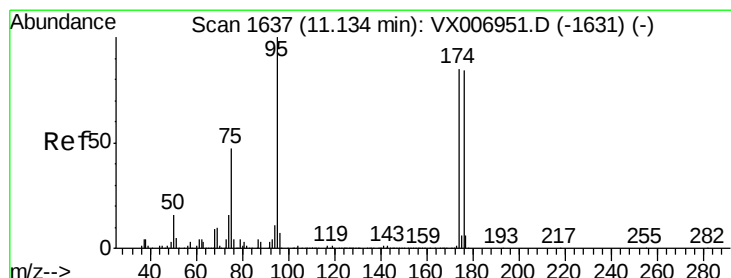
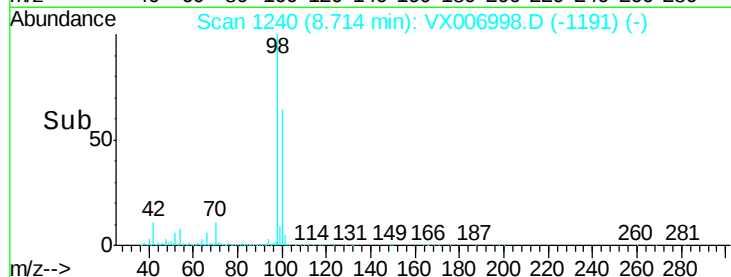
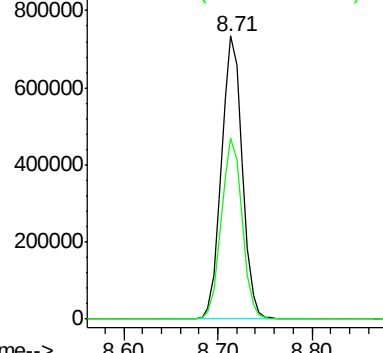
98 100

100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 51.910 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006998.D

Acq: 10 Jan 2019 18:54

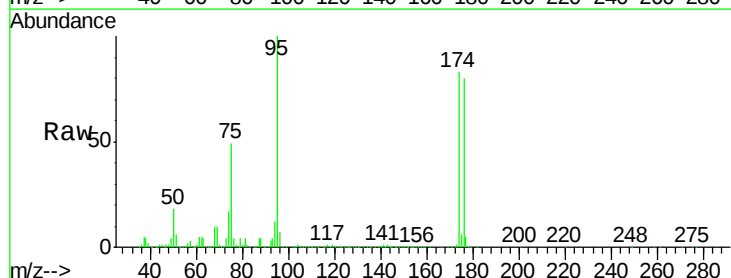
Tgt Ion: 95 Resp: 398548

Ion Ratio Lower Upper

95 100

174 92.0 0.0 182.2

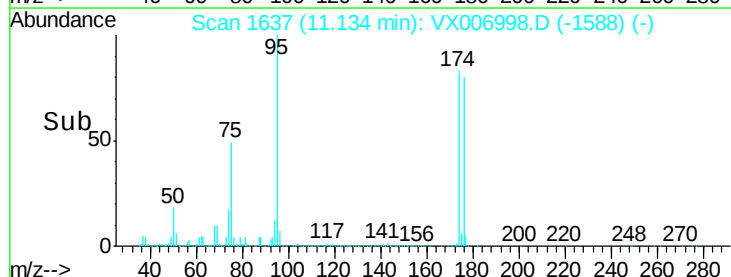
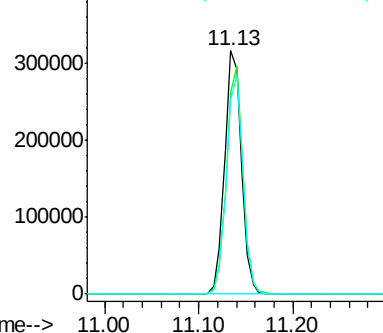
176 89.3 0.0 178.8

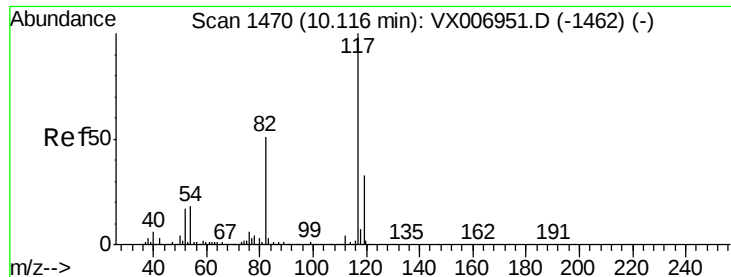


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

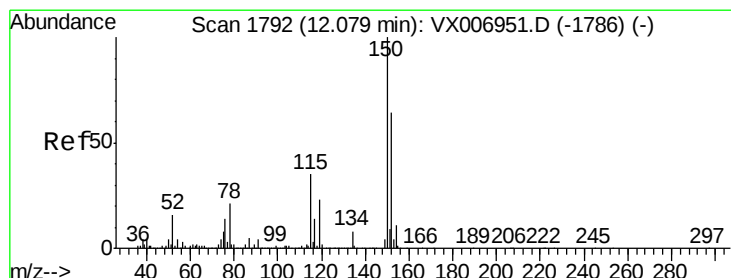
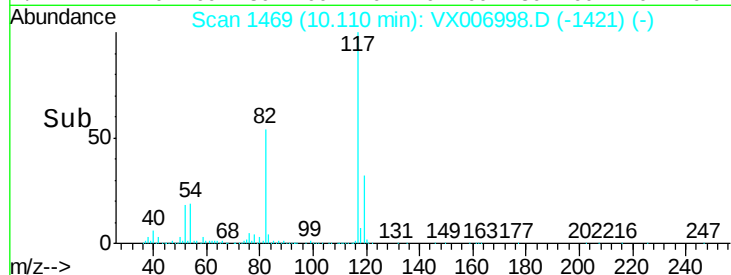
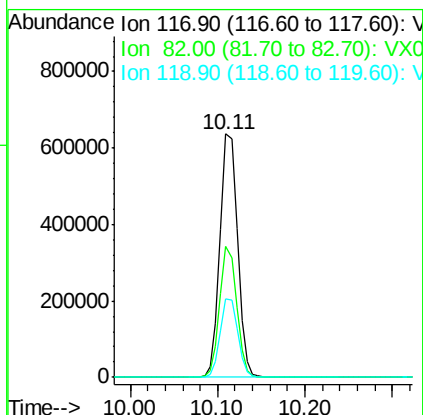
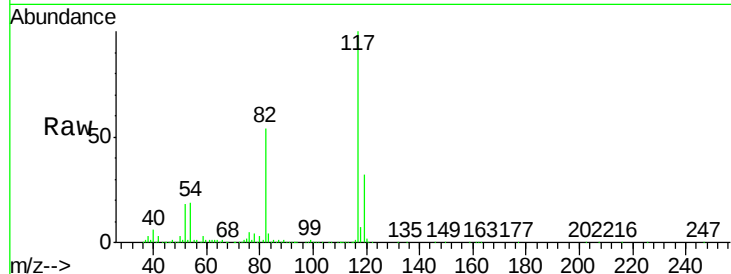




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006998.D
Acq: 10 Jan 2019 18:54

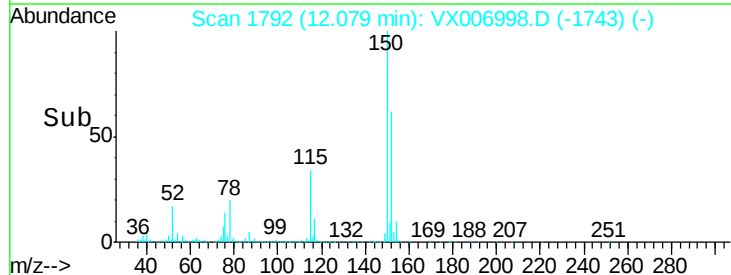
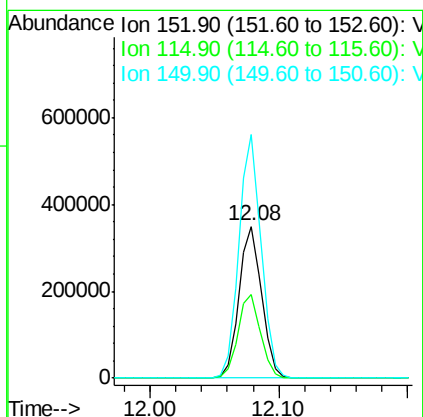
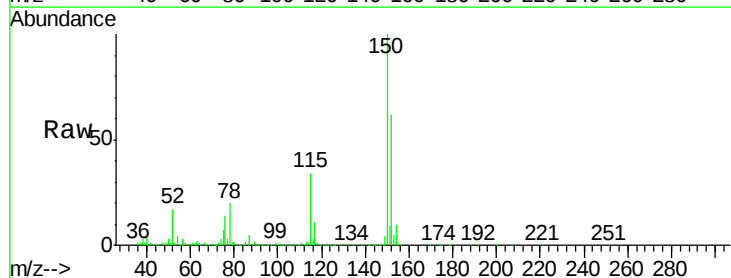
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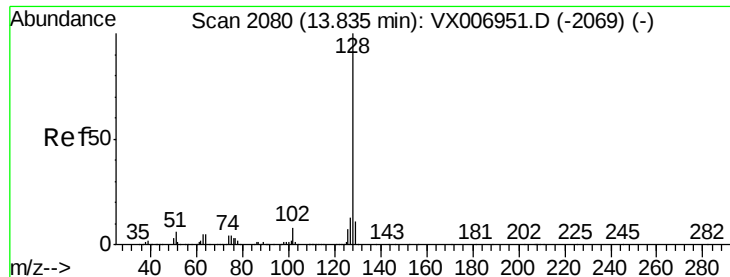
Tot Ion:117 Resp: 885683
Ion Ratio Lower Upper
117 100
82 53.7 41.0 61.6
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006998.D
Acq: 10 Jan 2019 18:54

Tgt Ion:152 Resp: 424687
Ion Ratio Lower Upper
152 100
115 55.2 39.1 117.2
150 157.9 0.0 344.8





#95

Naphthalene

Concen: 1.066 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006998.D

Acq: 10 Jan 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

SU-03-010918-B

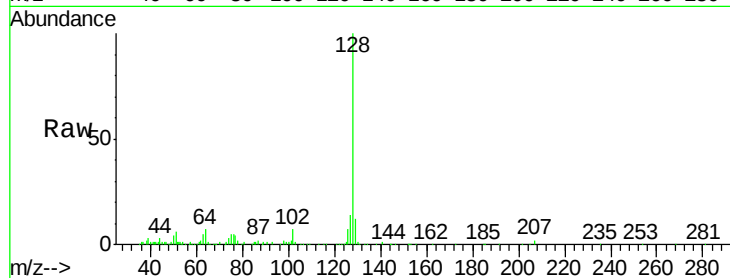
Tot Ion:128 Resp: 32622

Ion Ratio Lower Upper

128 100

127 13.5 10.1 15.1

129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

