

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005962.D
 Acq On : 13 Nov 2018 21:14
 Operator : JC/MD
 Sample : J5913-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DOC-19-PRE-CHAR-COMPOSITE

Quant Time: Nov 14 04:44:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

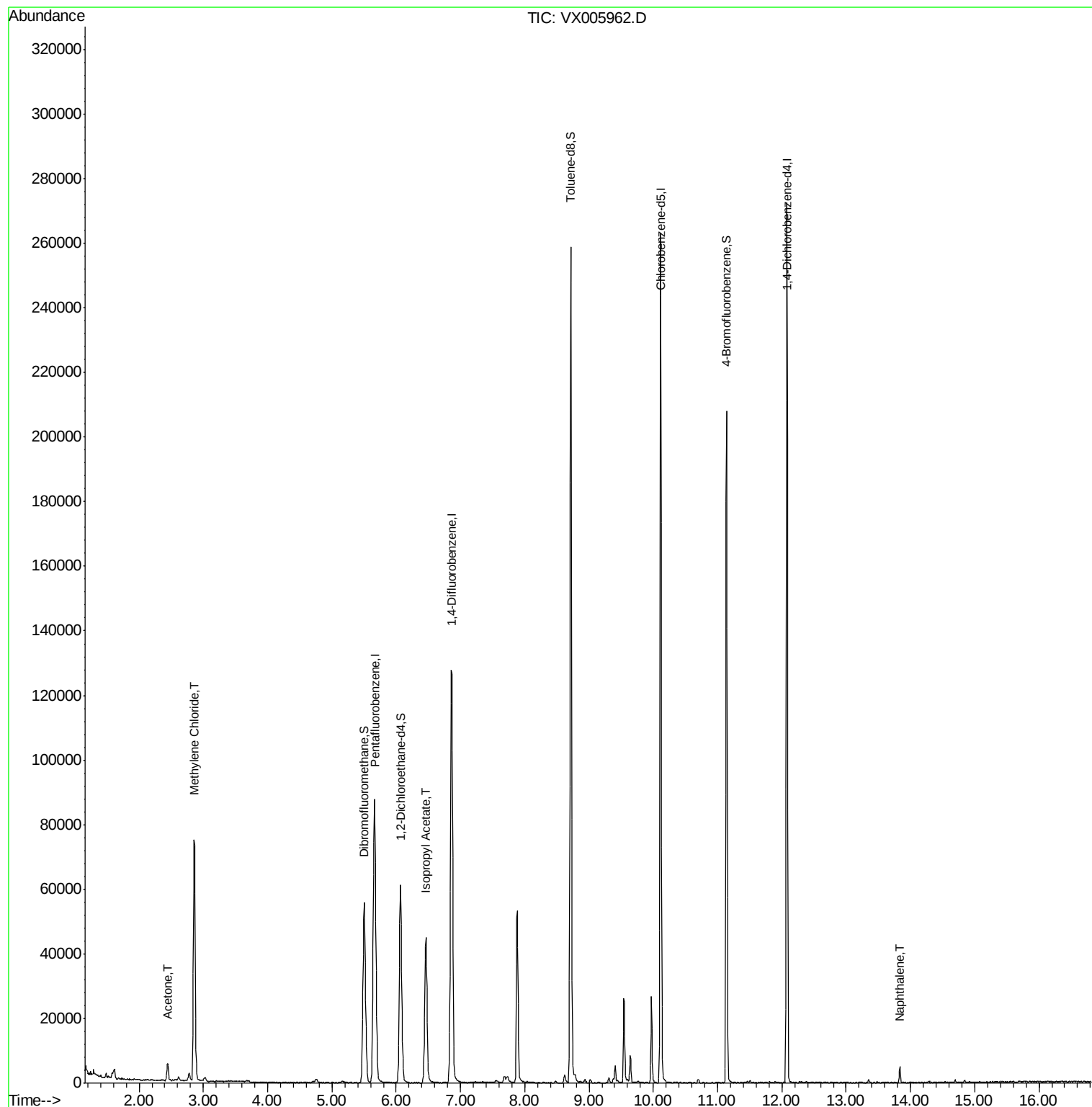
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	88768	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	130650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	119846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	56187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	60600	59.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.76%	
35) Dibromofluoromethane	5.50	113	46329	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
50) Toluene-d8	8.71	98	156865	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
62) 4-Bromofluorobenzene	11.14	95	51820	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
Target Compounds						
16) Acetone	2.45	43	5969	10.863	ug/l	99
20) Methylene Chloride	2.86	84	33265	36.855	ug/l	89
43) Isopropyl Acetate	6.46	43	58722	24.468	ug/l	99
95) Naphthalene	13.83	128	3256	1.964	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005962.D

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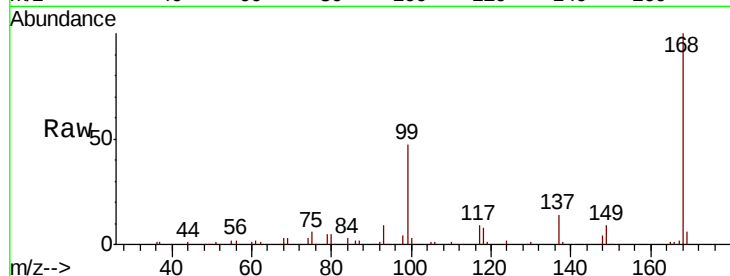
DOC-19-PRE-CHAR-COMPOSITE

Tot Ion:168 Resp: 88768

Ion Ratio Lower Upper

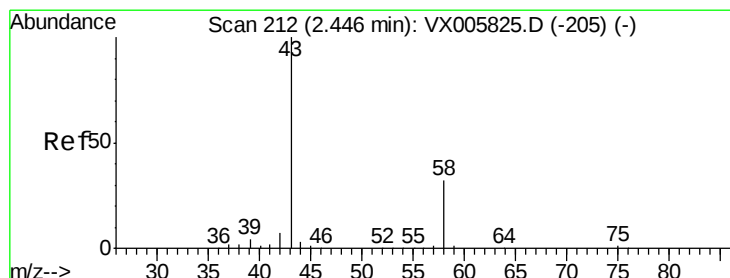
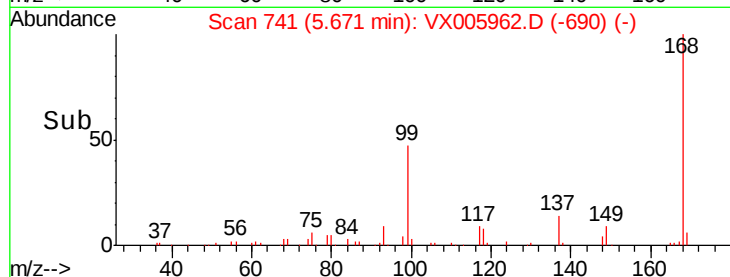
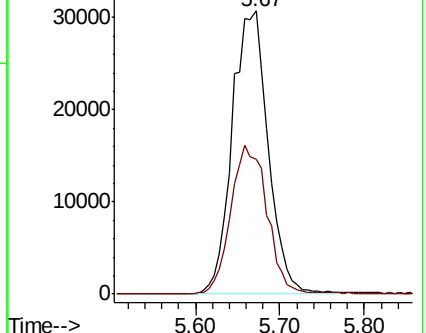
168 100

99 47.5 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VX005825.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX005825.D (-727) (-)



#16

Acetone

Concen: 10.863 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005962.D

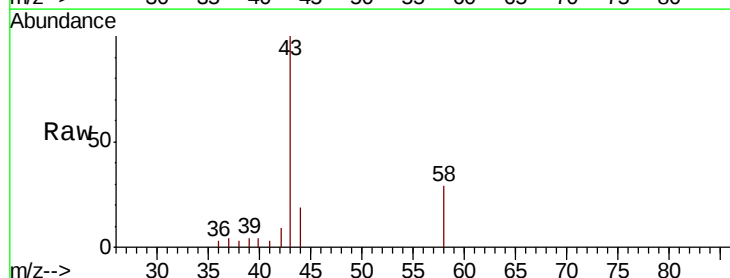
Acq: 13 Nov 2018 21:14

Tgt Ion: 43 Resp: 5969

Ion Ratio Lower Upper

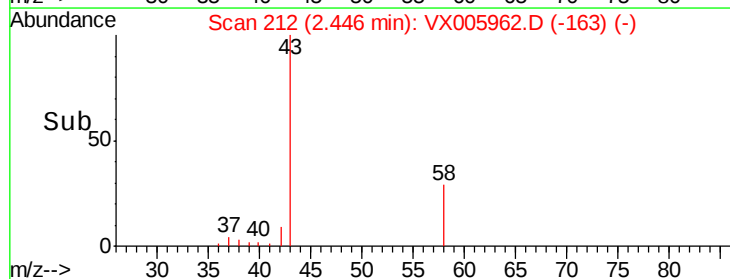
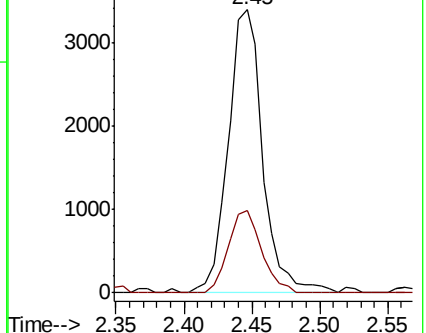
43 100

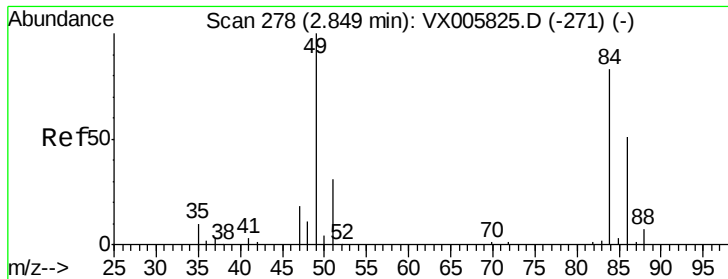
58 29.1 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX005825.D (-205) (-)

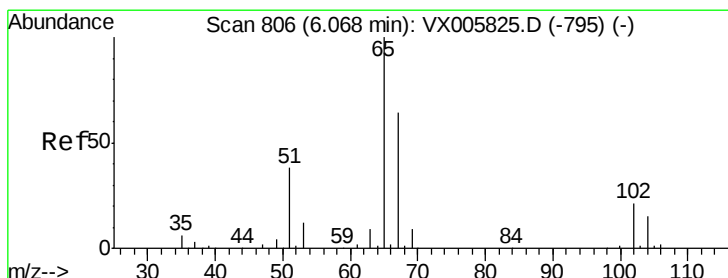
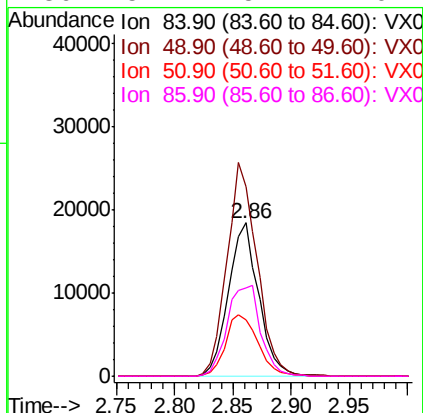
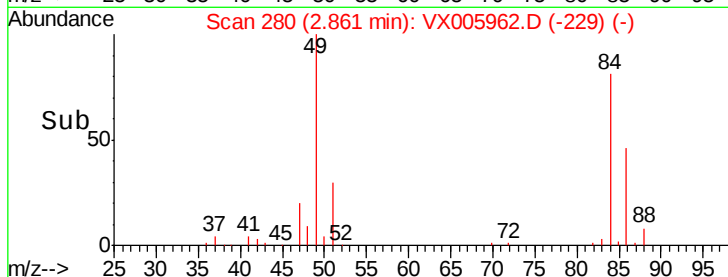
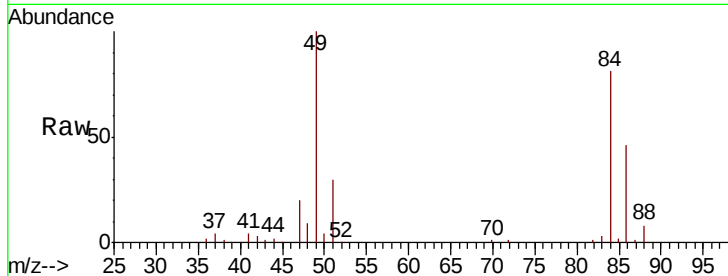




#20
Methvlene Chloride
Concen: 36.855 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005962.D
Acq: 13 Nov 2018 21:14

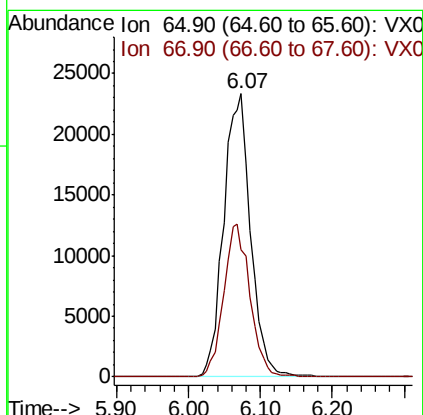
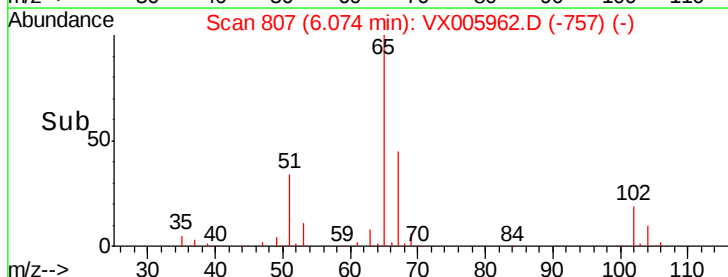
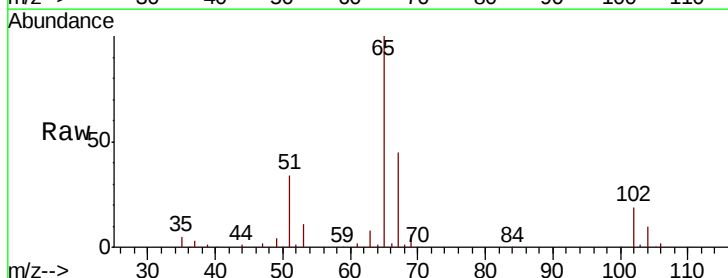
Instrument :
MSVOA_X
ClientSampleId :
DOC-19-PRE-CHAR-COMPOSITE

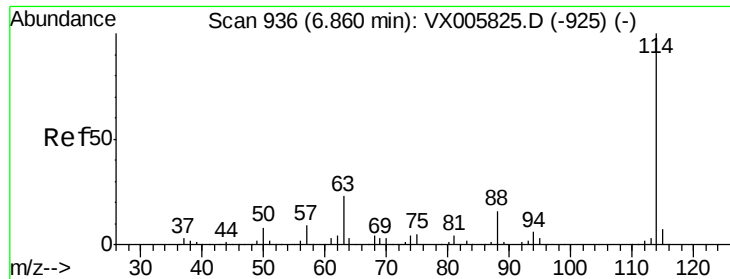
Tot Ion: 84 Resp: 33265
Ion Ratio Lower Upper
84 100
49 123.1 109.5 164.3
51 36.9 33.3 49.9
86 57.2 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 59.383 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX005962.D
Acq: 13 Nov 2018 21:14

Tgt Ion: 65 Resp: 60600
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0

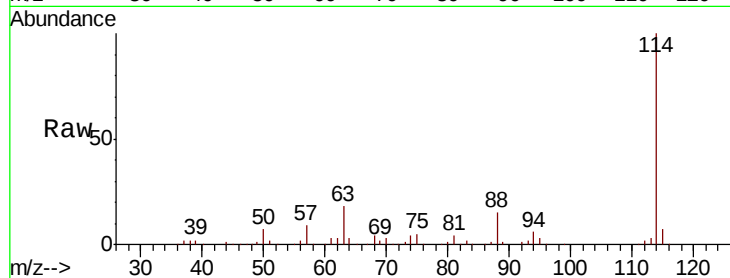




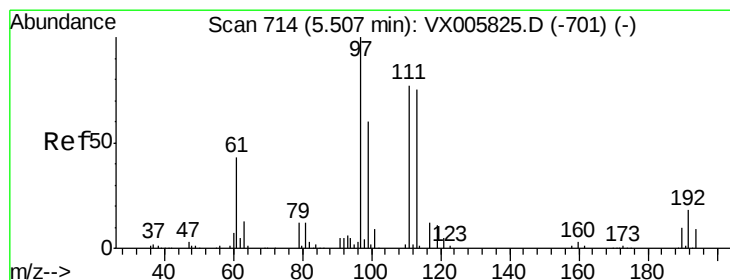
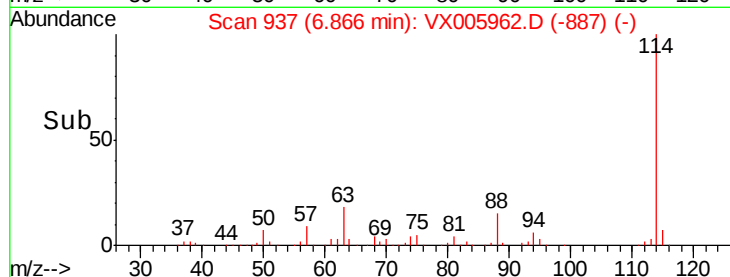
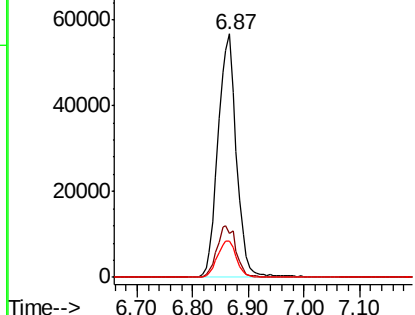
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005962.D
 Acq: 13 Nov 2018 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 DOC-19-PRE-CHAR-COMPOSITE

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	42.8
88	14.8	0.0	31.2

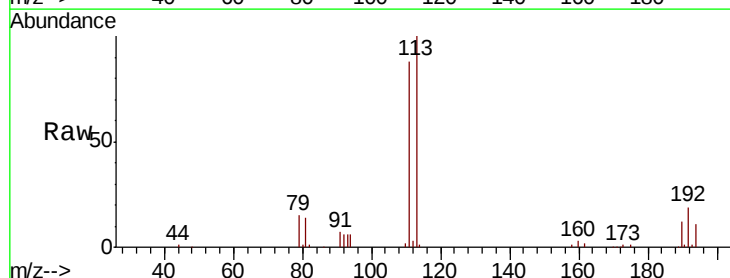


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

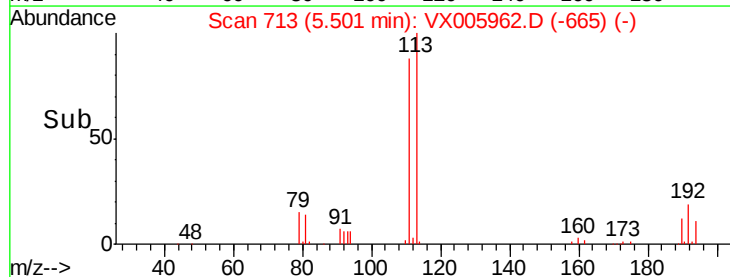
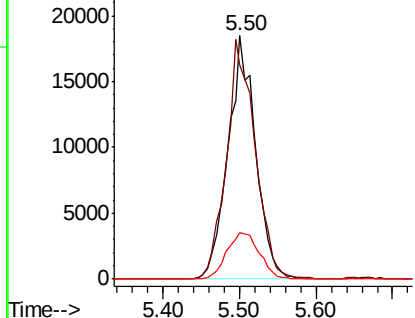


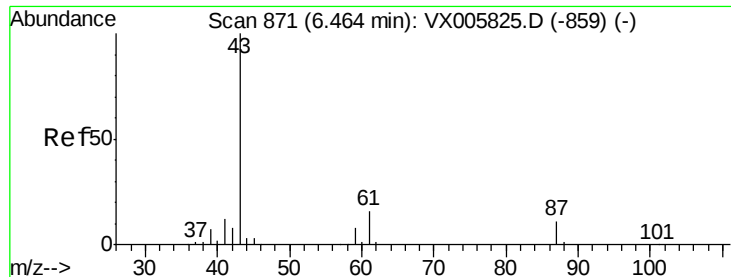
#35
 Dibromofluoromethane
 Concen: 52.136 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX005962.D
 Acq: 13 Nov 2018 21:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.3	123.5
192	22.4	17.9	26.9



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



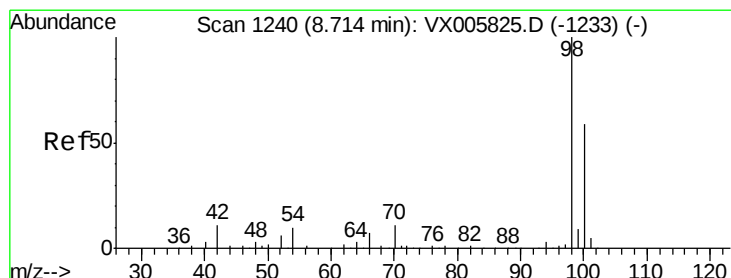
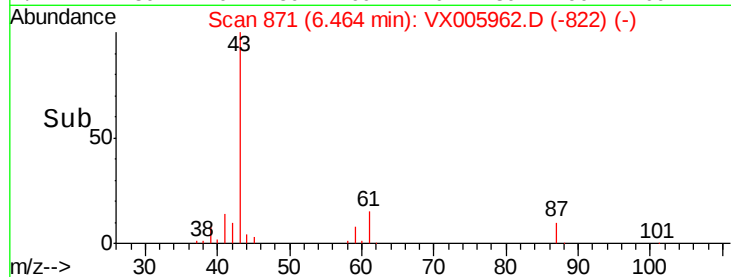
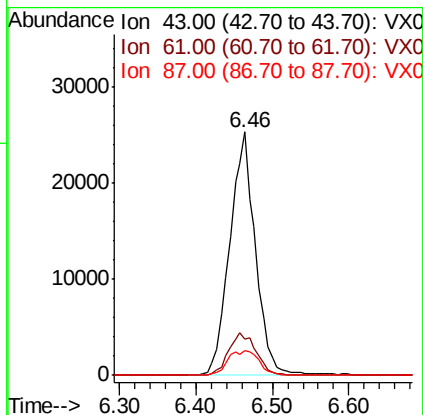
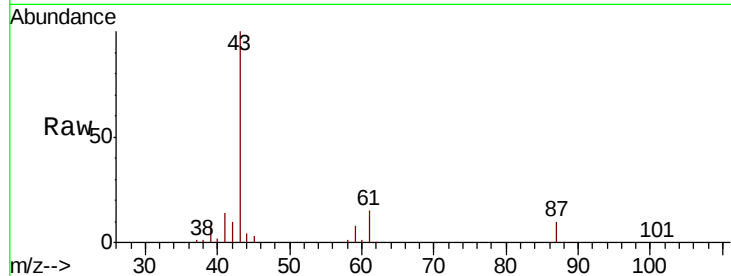


#43

Isopropyl Acetate
 Concen: 24.468 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX005962.D
 Acq: 13 Nov 2018 21:14

Instrument :
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 ClientSampleId :
 DOC-19-PRE-CHAR-COMPOSITE

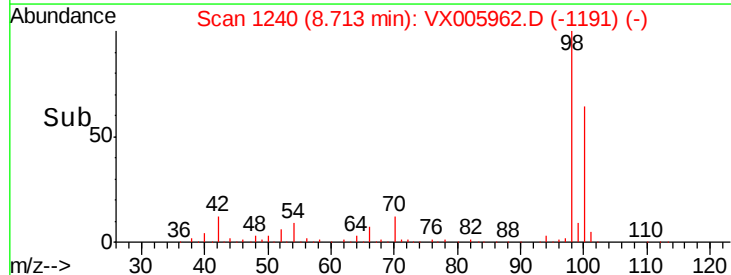
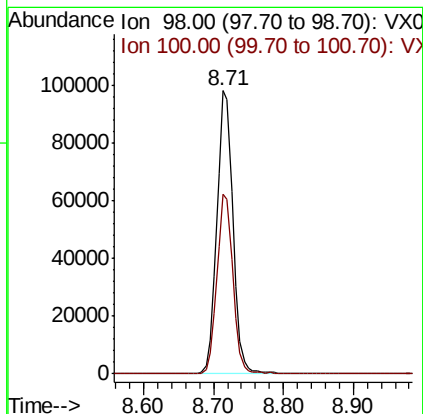
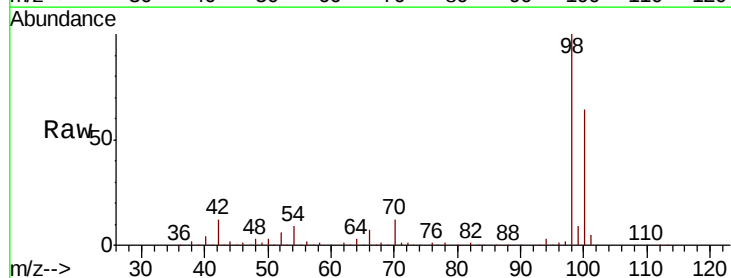
Tot Ion: 43 Resp: 58722
 Ion Ratio Lower Upper
 43 100
 61 18.9 14.6 22.0
 87 12.2 9.6 14.4

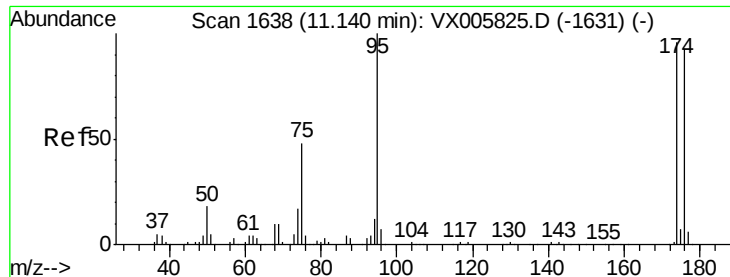


#50

Toluene-d8
 Concen: 53.098 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX005962.D
 Acq: 13 Nov 2018 21:14

Tgt Ion: 98 Resp: 156865
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 48.787 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005962.D

Acq: 13 Nov 2018 21:14

Instrument :

MSVOA_X

ClientSampleId :

DOC-19-PRE-CHAR-COMPOSITE

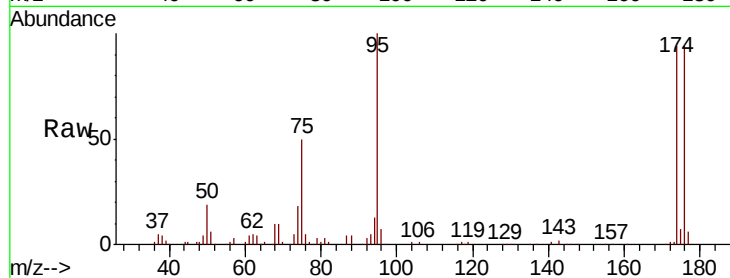
Tot Ion: 95 Resp: 51820

Ion Ratio Lower Upper

95 100

174 92.8 0.0 184.4

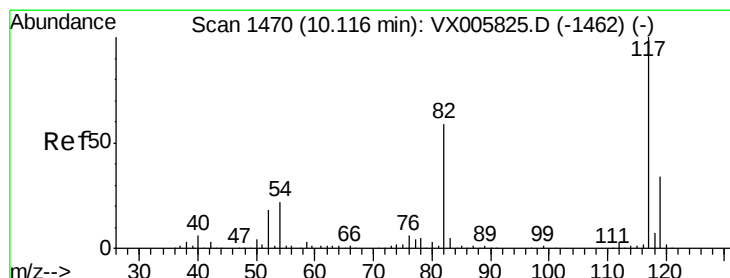
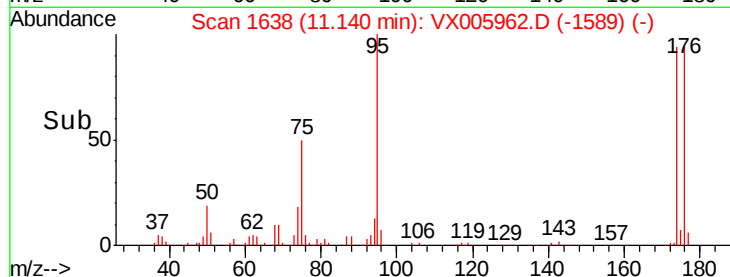
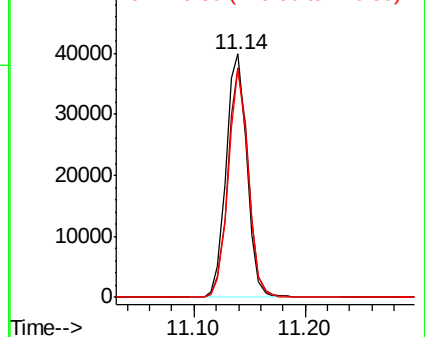
176 89.1 0.0 177.4



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: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005962.D

Acq: 13 Nov 2018 21:14

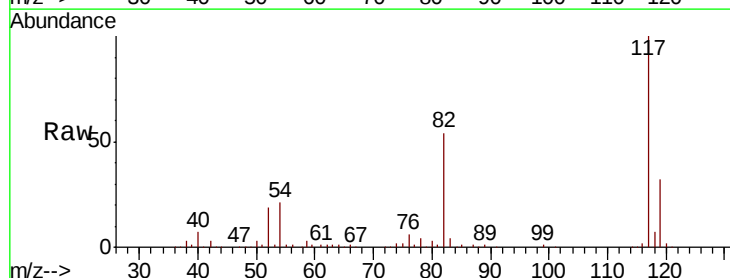
Tgt Ion: 117 Resp: 119846

Ion Ratio Lower Upper

117 100

82 54.5 44.1 66.1

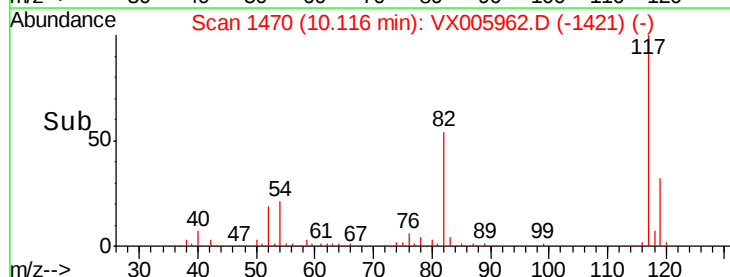
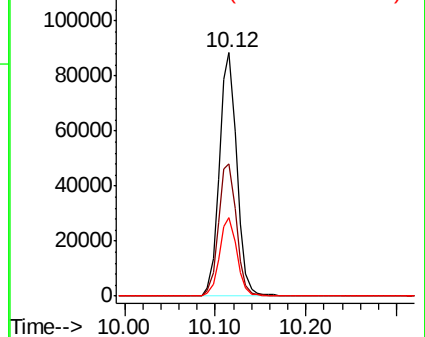
119 32.1 26.2 39.2

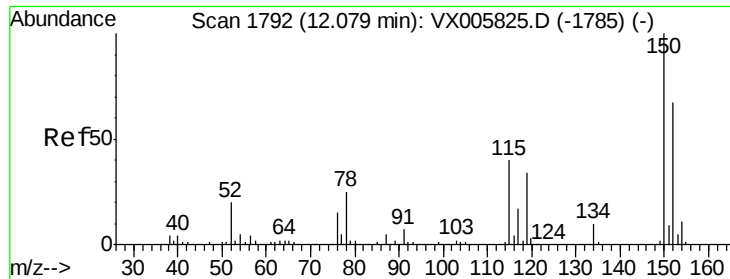


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005962.D

Acq: 13 Nov 2018 21:14

Instrument :

MSVOA_X

ClientSampleId :

DOC-19-PRE-CHAR-COMPOSITE

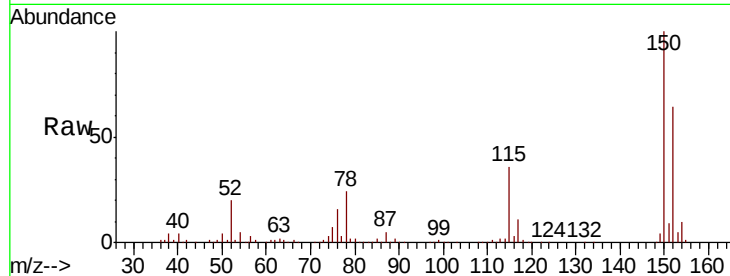
Tot Ion:152 Resp: 56187

Ion Ratio Lower Upper

152 100

115 56.3 39.4 118.1

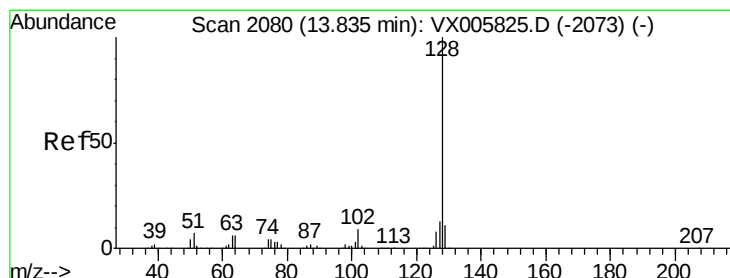
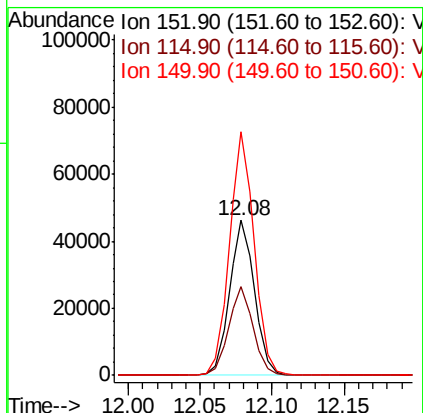
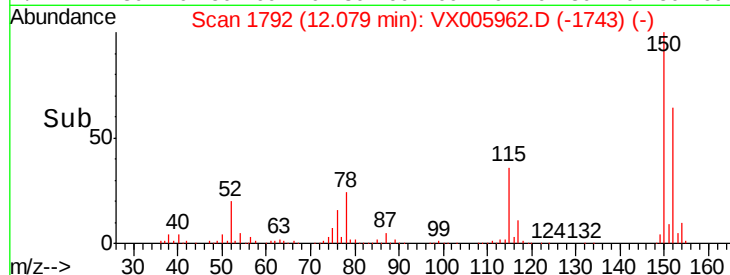
150 155.7 0.0 346.4



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



#95

Naphthalene

Concen: 1.964 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005962.D

Acq: 13 Nov 2018 21:14

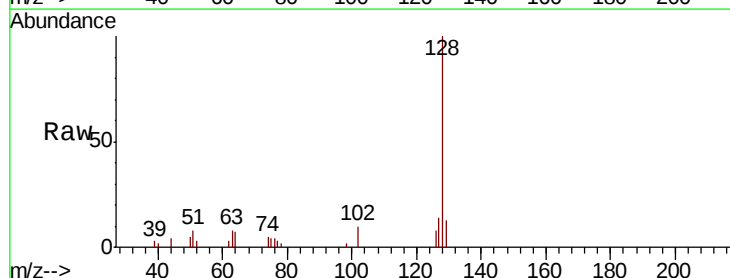
Tgt Ion:128 Resp: 3256

Ion Ratio Lower Upper

128 100

127 14.6 10.4 15.6

129 11.3 8.7 13.1



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

