

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004714.D
 Acq On : 19 Sep 2018 18:59
 Operator : JC/MD
 Sample : J4916-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW02SR1-20180911

Quant Time: Sep 20 04:49:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309413	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151725	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	123264	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	
35) Dibromofluoromethane	5.51	113	119608	42.24	ug/l	0.00
Spiked Amount			Recovery	=	84.48%	
50) Toluene-d8	8.71	98	436657	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	
62) 4-Bromofluorobenzene	11.14	95	148547	43.83	ug/l	0.00
Spiked Amount			Recovery	=	87.66%	

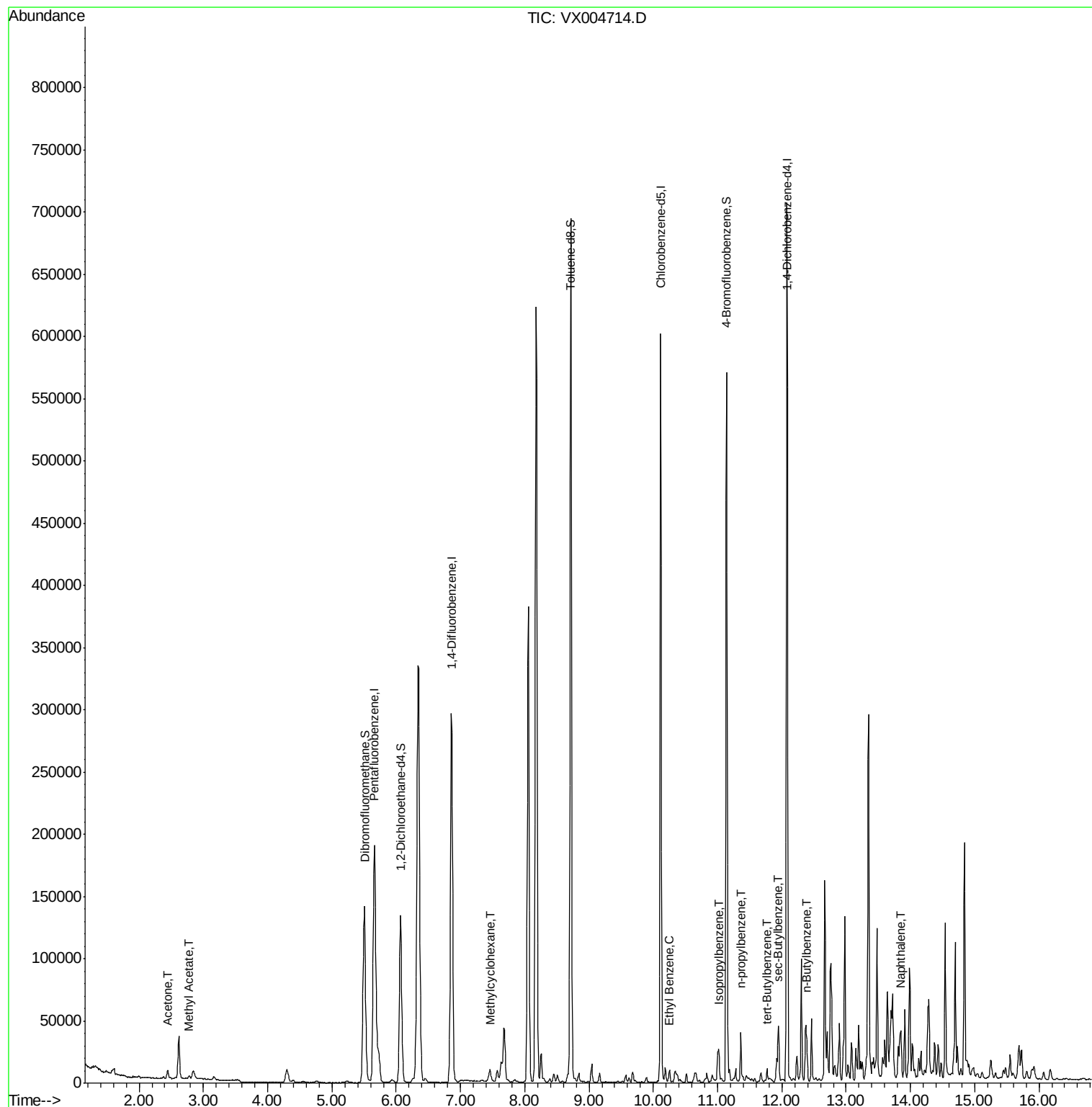
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	6580	5.08	ug/l	94
18) Methyl Acetate	2.78	43	1830	0.50	ug/l	92
39) Methylcyclohexane	7.46	83	3866	0.99	ug/l #	85
67) Ethyl Benzene	10.26	91	5088	0.44	ug/l	92
73) Isopropylbenzene	11.02	105	12471	1.25	ug/l	96
78) n-propylbenzene	11.36	91	23611	2.06	ug/l	99
83) tert-Butylbenzene	11.77	119	3670	0.46	ug/l	87
85) sec-Butylbenzene	11.94	105	23615	2.32	ug/l	82
89) n-Butylbenzene	12.39	91	13644	1.66	ug/l #	75
95) Naphthalene	13.83	128	21687	2.09	ug/l #	88

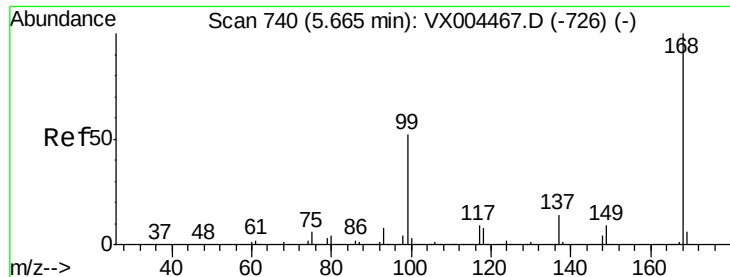
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

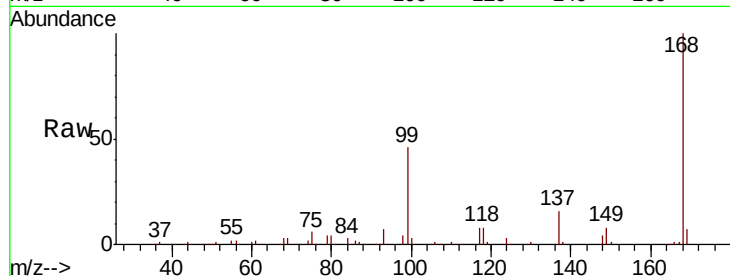
FC-MW02SR1-20180911

Tot Ion:168 Resp: 205953

Ion Ratio Lower Upper

168 100

99 45.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

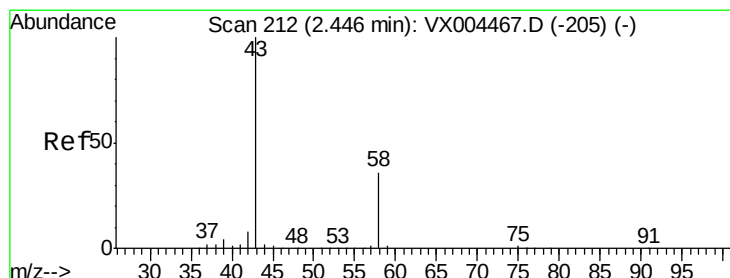
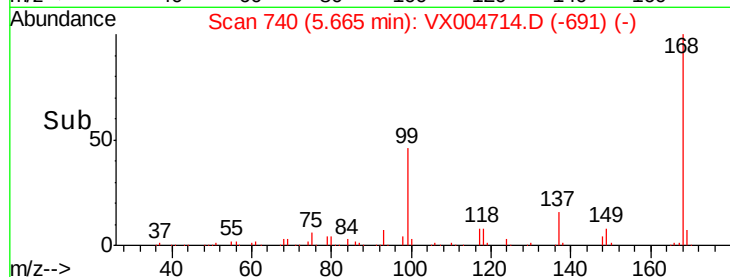
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.08 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004714.D

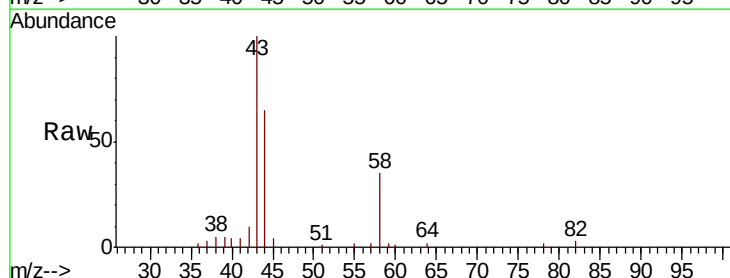
Acq: 19 Sep 2018 18:59

Tgt Ion: 43 Resp: 6580

Ion Ratio Lower Upper

43 100

58 36.0 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

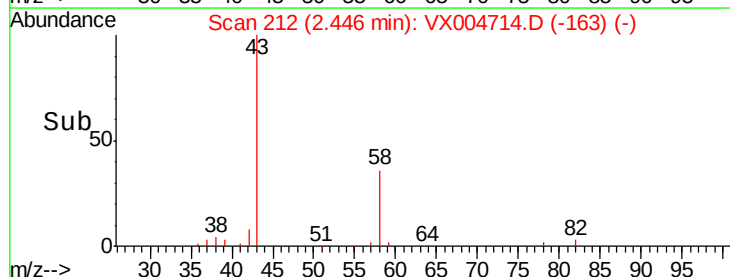
3000

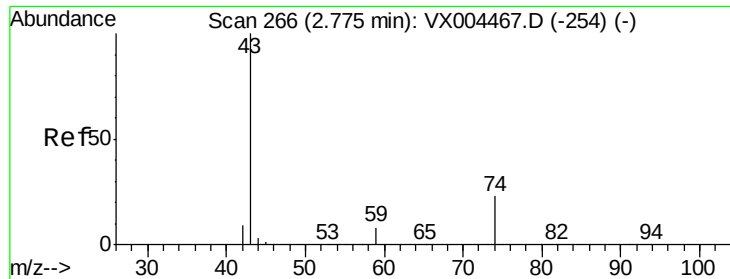
2000

1000

0

Time--> 2.40 2.45 2.50

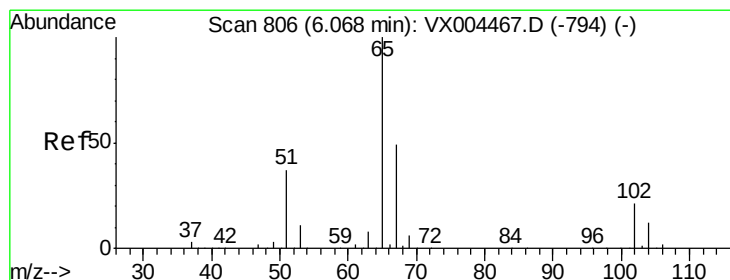
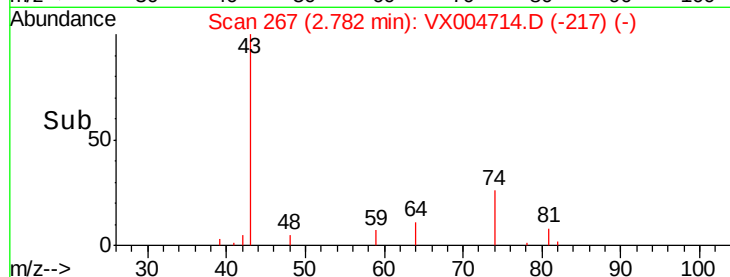
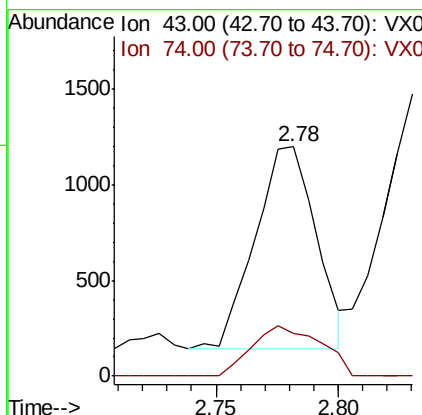
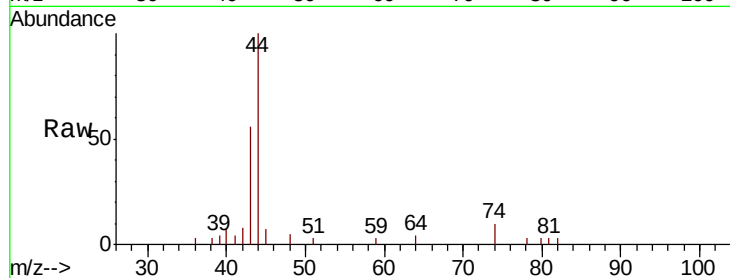




#18
Methvl Acetate
Concen: 0.50 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

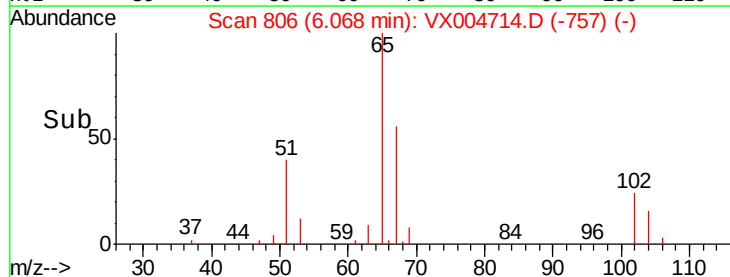
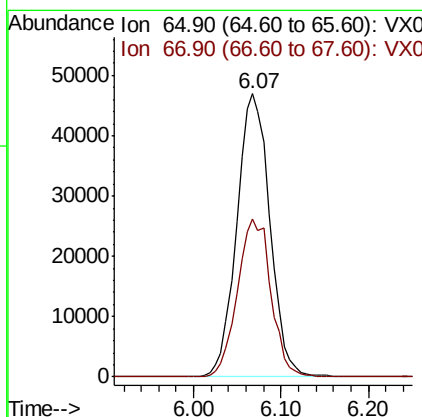
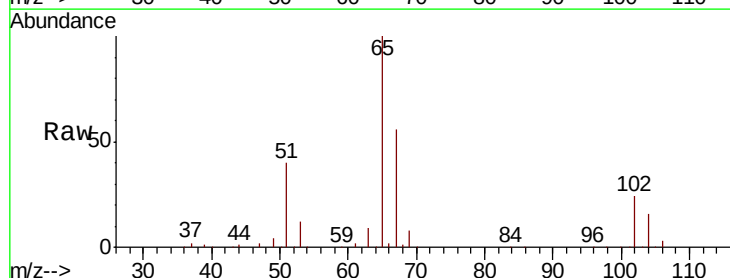
Instrument :
MSVOA_X
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FC-MW02SR1-20180911

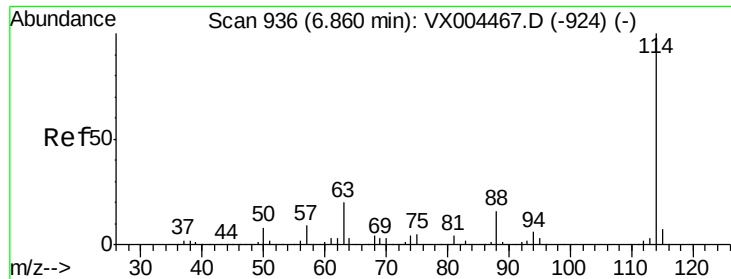
Tot Ion: 43 Resp: 1830
Ion Ratio Lower Upper
43 100
74 28.0 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 46.42 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

Tgt Ion: 65 Resp: 123264
Ion Ratio Lower Upper
65 100
67 56.5 0.0 106.8

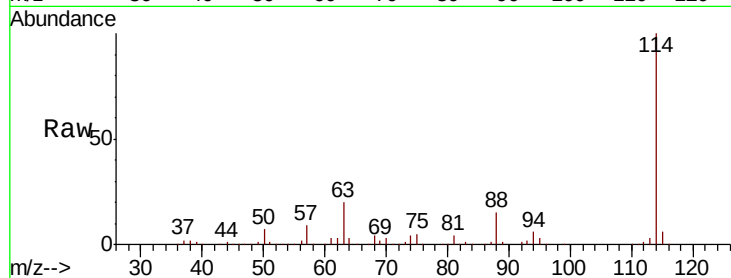




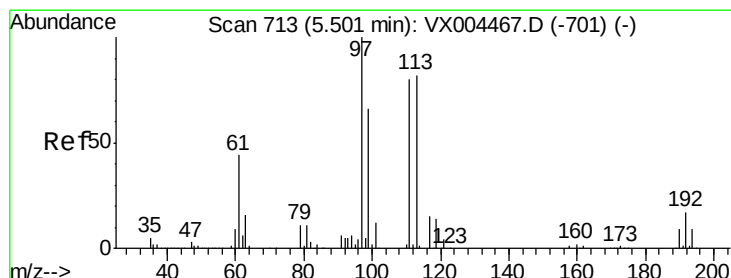
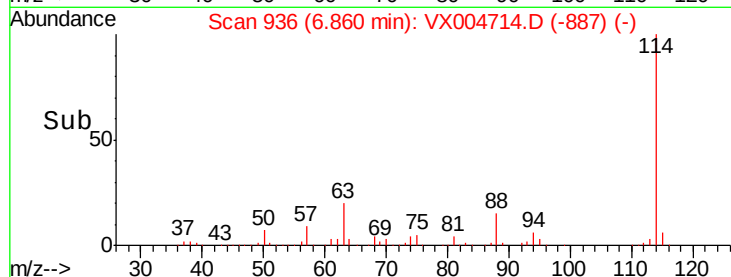
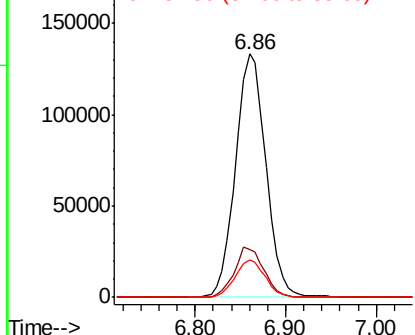
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004714.D
 Acq: 19 Sep 2018 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW02SR1-20180911

Tot Ion:114 Resp: 309413
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.5 0.0 30.4

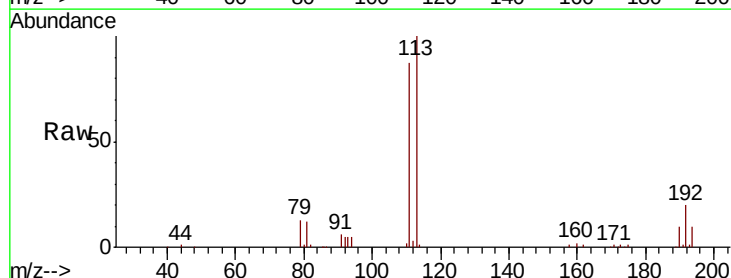


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

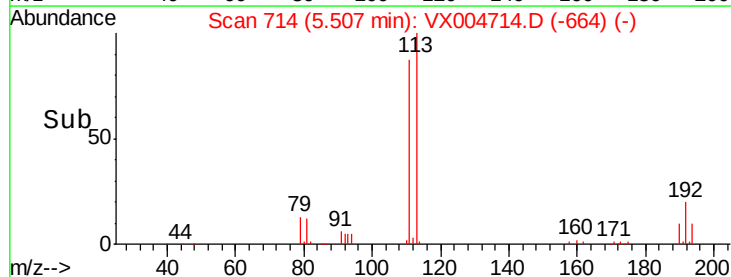
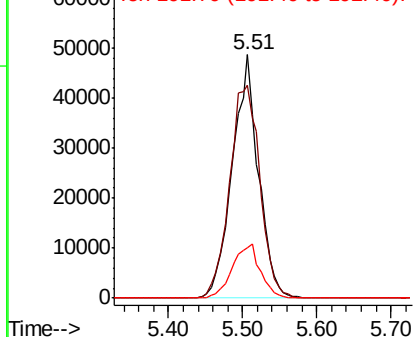


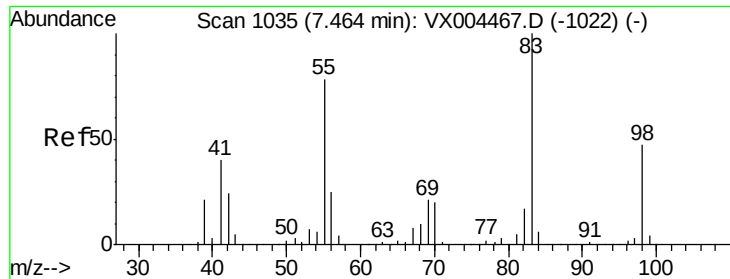
#35
 Dibromofluoromethane
 Concen: 42.24 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004714.D
 Acq: 19 Sep 2018 18:59

Tgt Ion:113 Resp: 119608
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.4 123.6
 192 23.6 19.4 29.2



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

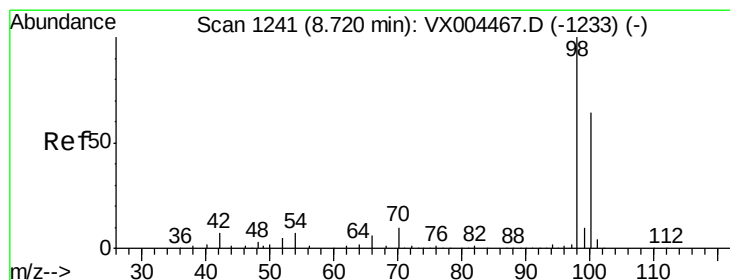
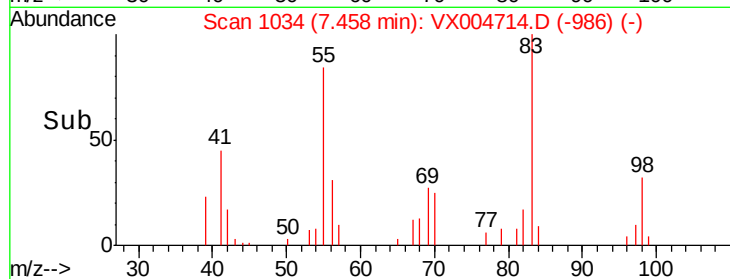
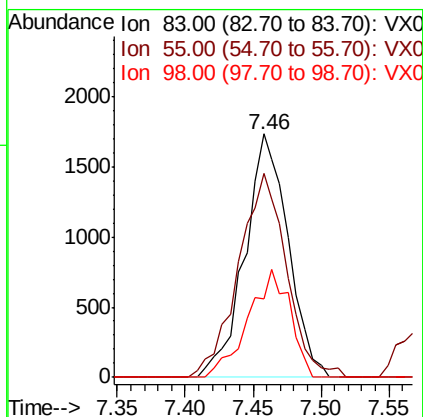
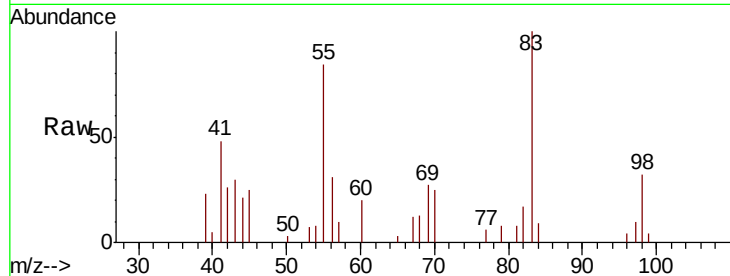




#39
Methylvlcyclohexane
Concen: 0.99 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

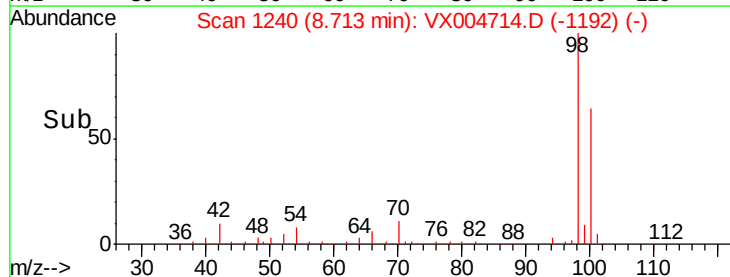
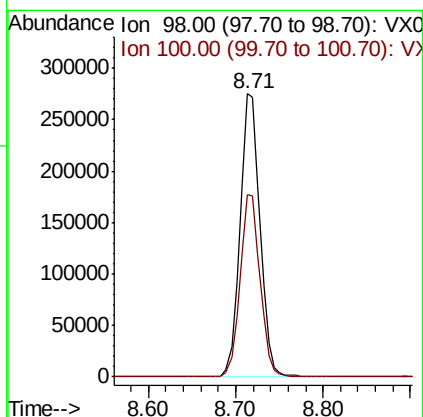
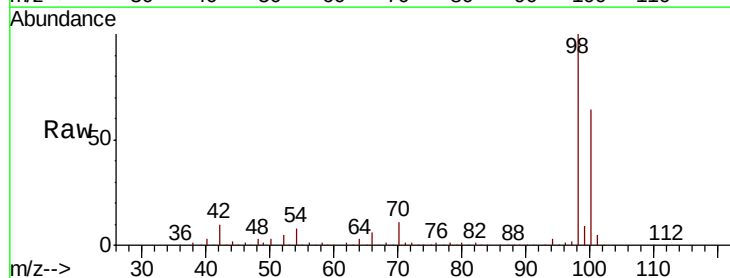
Instrument :
MSVOA_X
ClientSampleId :
FC-MW02SR1-20180911

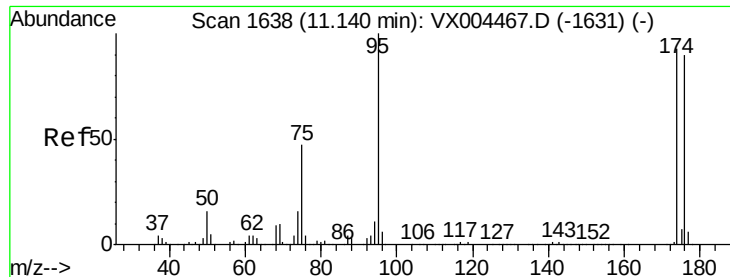
Tot Ion: 83 Resp: 3866
Ion Ratio Lower Upper
83 100
55 83.8 61.0 91.4
98 32.4 39.6 59.4#



#50
Toluene-d8
Concen: 45.99 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

Tgt Ion: 98 Resp: 436657
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 43.83 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

FC-MW02SR1-20180911

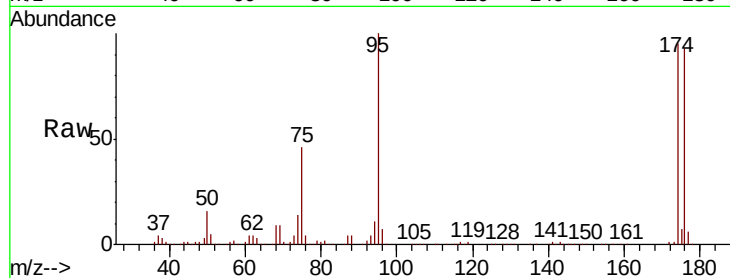
Tot Ion: 95 Resp: 148547

Ion Ratio Lower Upper

95 100

174 94.3 0.0 185.2

176 91.4 0.0 178.6

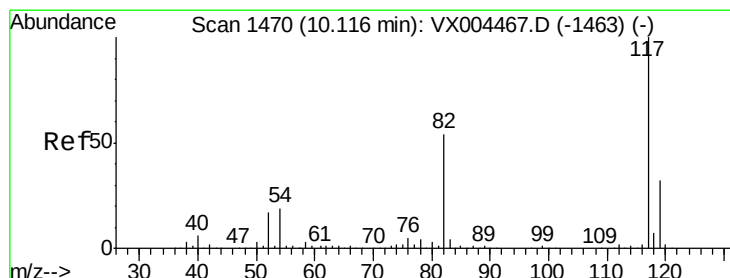
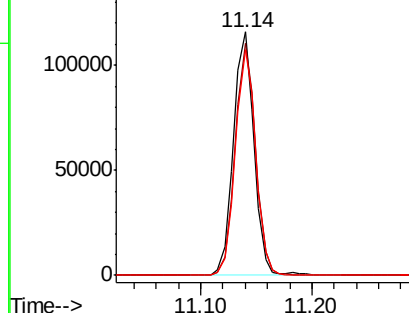
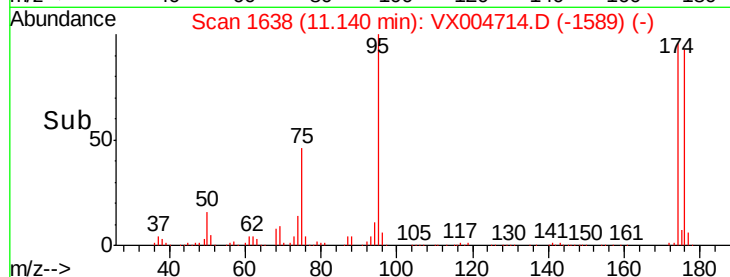


Abundance

Ion 94.90 (94.60 to 95.60): VX004714.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX004714.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX004714.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

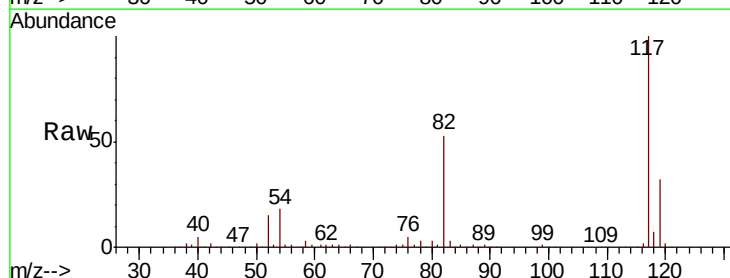
Tgt Ion: 117 Resp: 283849

Ion Ratio Lower Upper

117 100

82 52.9 47.8 71.6

119 32.4 29.3 43.9

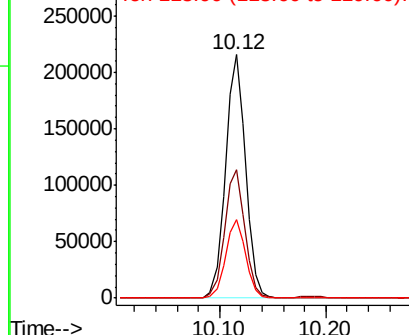
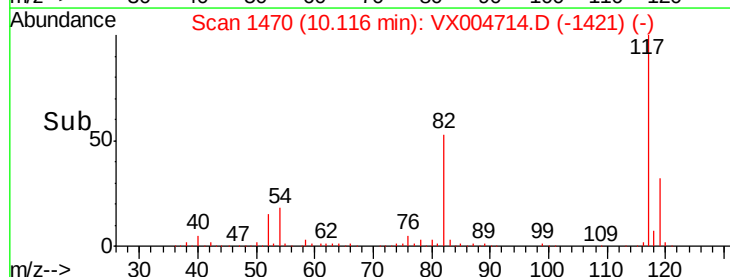


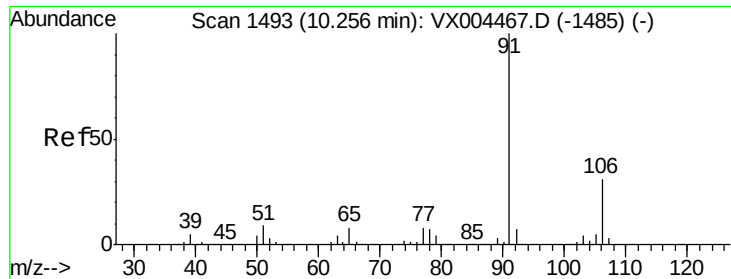
Abundance

Ion 116.90 (116.60 to 117.60): VX004714.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX004714.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX004714.D (-1421) (-)

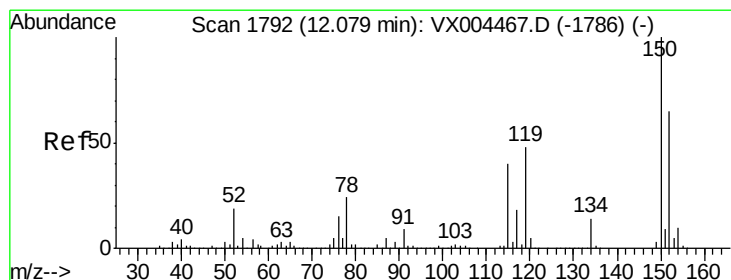
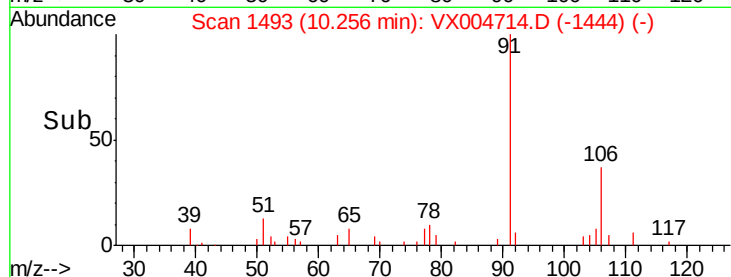
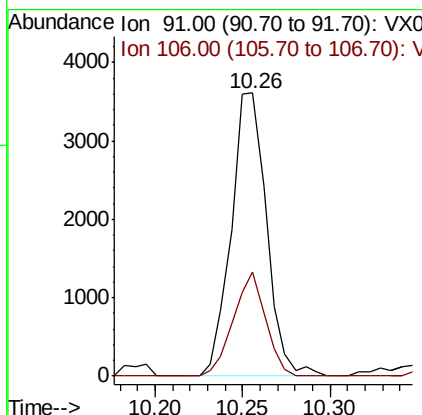
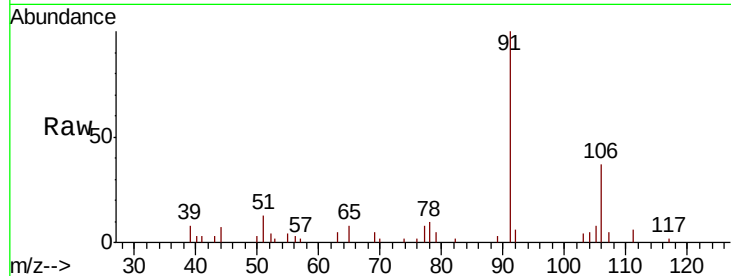




#67
Ethyl Benzene
Concen: 0.44 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

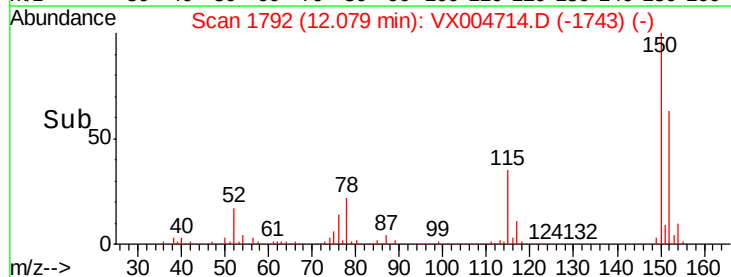
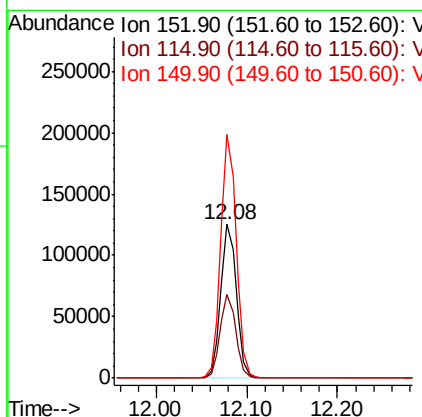
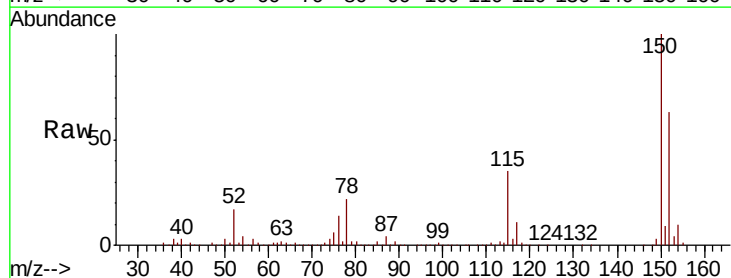
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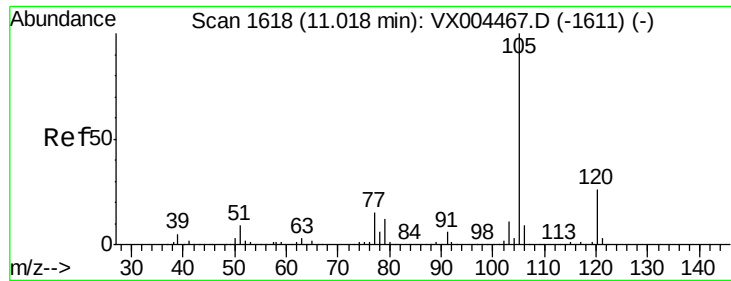
Tot Ion: 91 Resp: 5088
Ion Ratio Lower Upper
91 100
106 36.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

Tgt Ion: 152 Resp: 151725
Ion Ratio Lower Upper
152 100
115 54.6 39.0 117.0
150 158.2 0.0 351.0

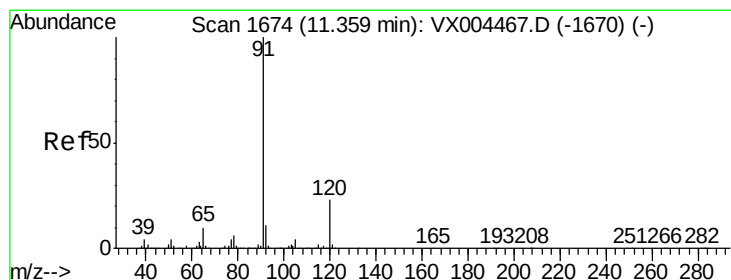
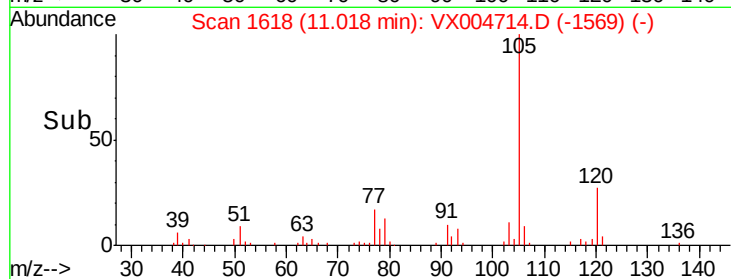
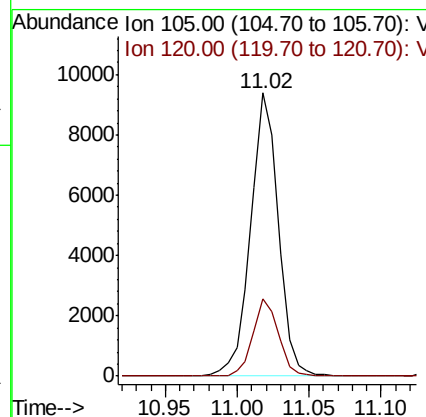
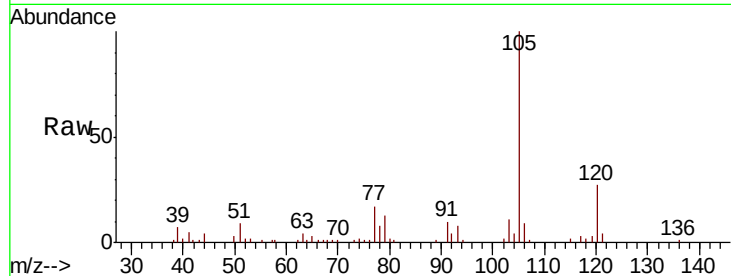




#73
Isopropylbenzene
Concen: 1.25 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

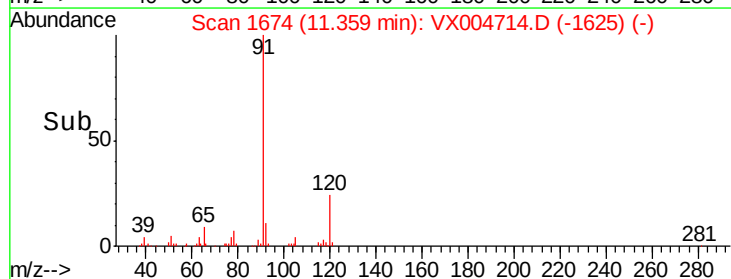
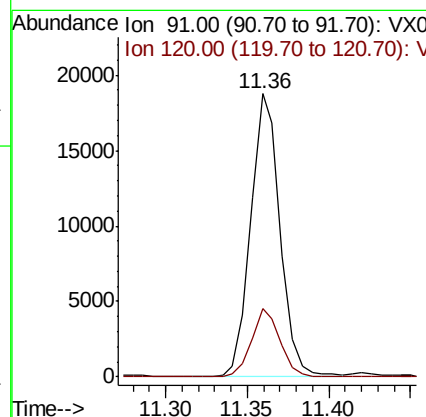
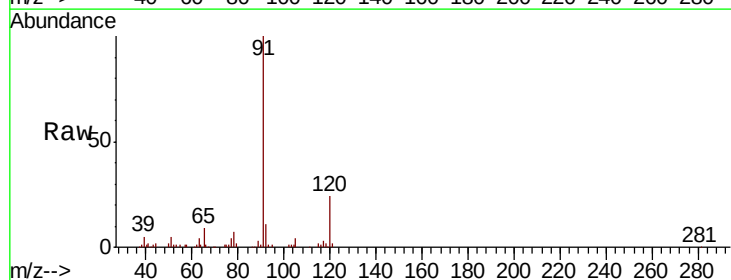
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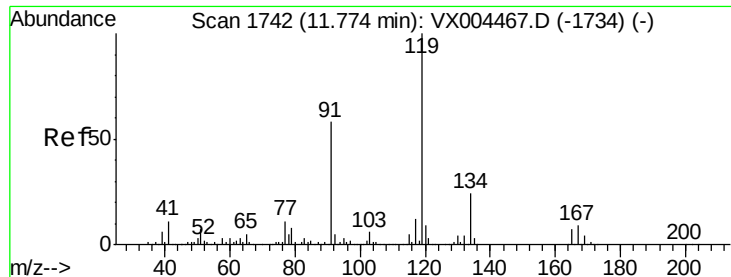
Tot Ion:105 Resp: 12471
Ion Ratio Lower Upper
105 100
120 24.9 13.5 40.4



#78
n-propylbenzene
Concen: 2.06 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

Tgt Ion: 91 Resp: 23611
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.9

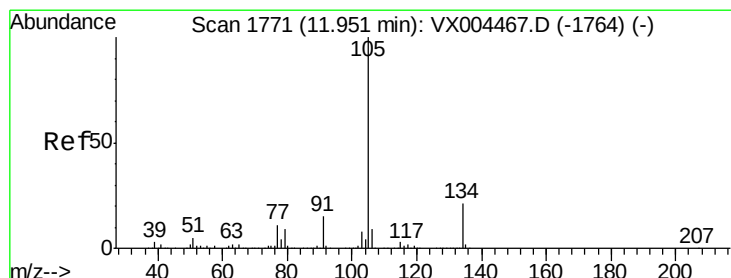
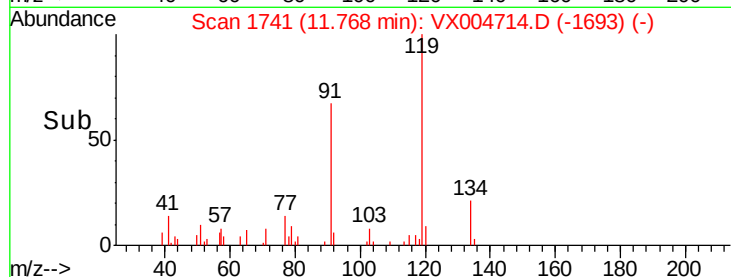
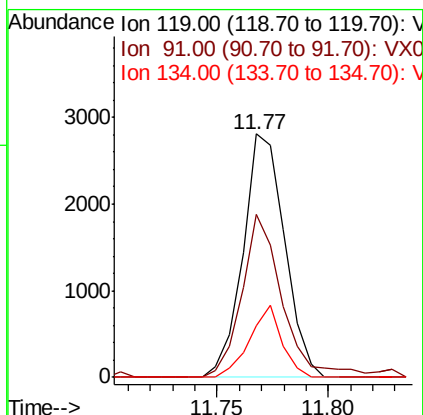
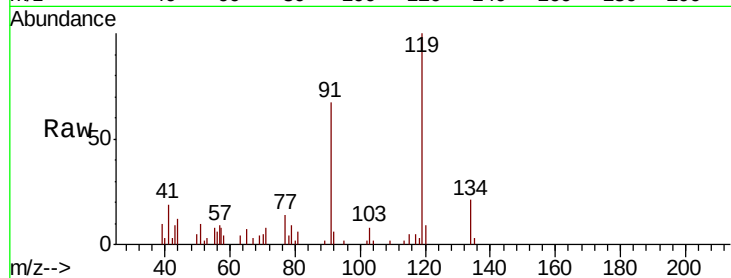




#83
tert-Butylbenzene
Concen: 0.46 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

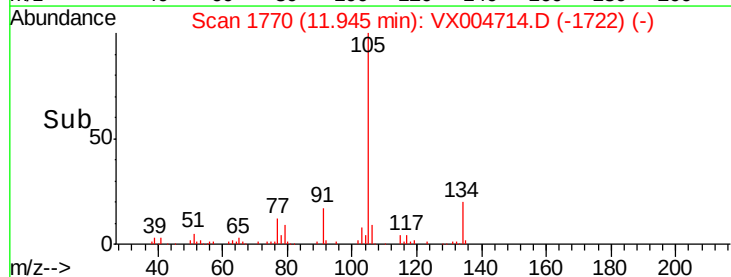
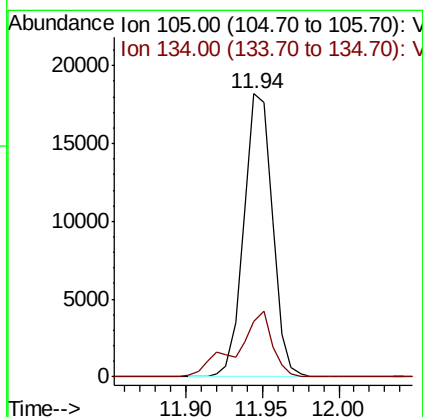
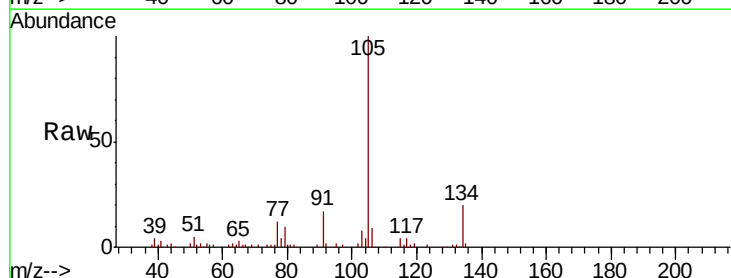
Instrument :
MSVOA_X
ClientSampleId :
FC-MW02SR1-20180911

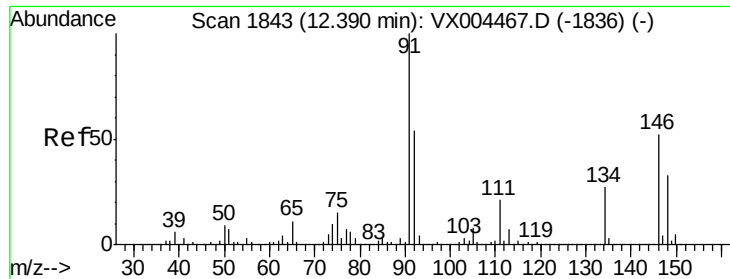
Tot Ion:119 Resp: 3670
Ion Ratio Lower Upper
119 100
91 66.7 27.0 81.0
134 22.9 11.7 35.1



#85
sec-Butylbenzene
Concen: 2.32 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX004714.D
Acq: 19 Sep 2018 18:59

Tgt Ion:105 Resp: 23615
Ion Ratio Lower Upper
105 100
134 29.2 10.5 31.5





#89

n-Butylbenzene

Concen: 1.66 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

FC-MW02SR1-20180911

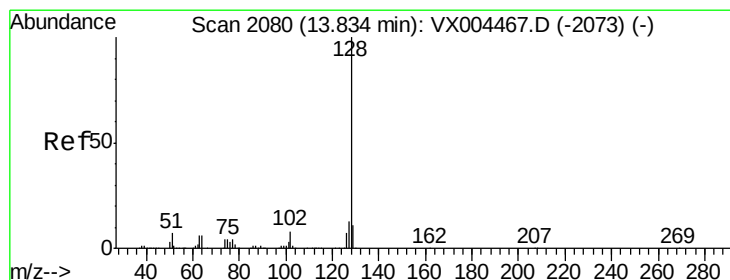
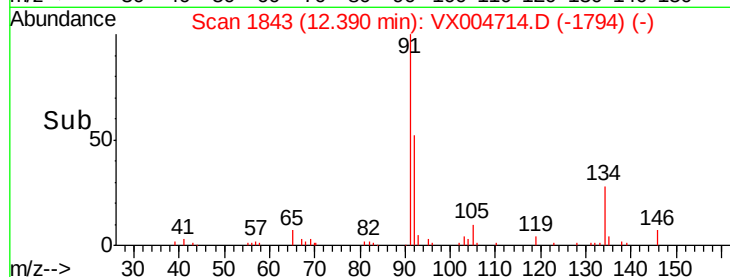
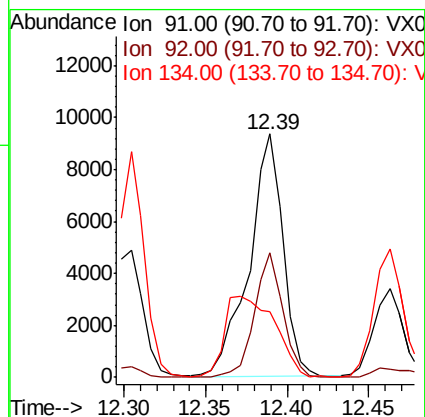
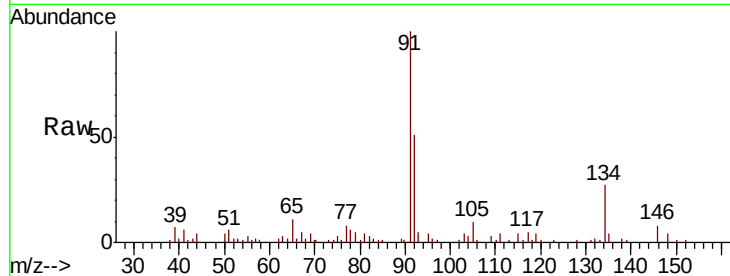
Tot Ion: 91 Resp: 13644

Ion Ratio Lower Upper

91 100

92 42.9 27.3 81.9

134 49.4 13.6 40.7#



#95

Naphthalene

Concen: 2.09 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004714.D

Acq: 19 Sep 2018 18:59

Tgt Ion: 128 Resp: 21687

Ion Ratio Lower Upper

128 100

127 15.7 10.2 15.2#

129 17.6 8.6 12.8#

