

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010310.D
 Acq On : 14 Jun 2019 18:59
 Operator : JC/SP
 Sample : K3387-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 03:05:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	334805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	505224	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	464986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228976	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	150887	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.34%		
35) Dibromofluoromethane	5.50	113	153113	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.26%		
50) Toluene-d8	8.71	98	597131	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.26%		
62) 4-Bromofluorobenzene	11.13	95	210073	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.32%		

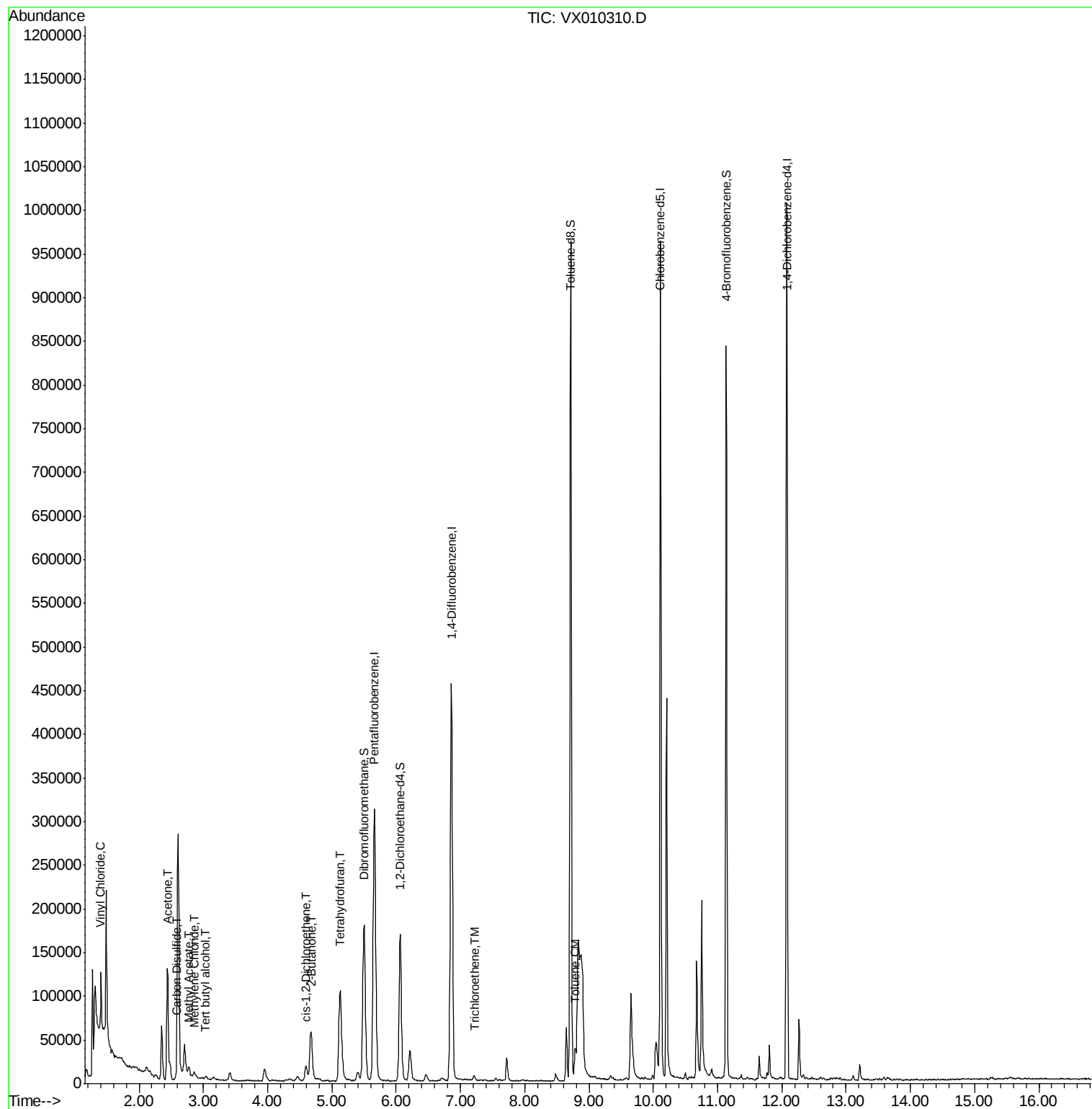
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	43630	15.173	ug/l #	84
11) Tert butyl alcohol	3.04	59	4385	5.477	ug/l #	79
16) Acetone	2.44	43	132457	86.173	ug/l	89
17) Carbon Disulfide	2.57	76	9355	1.077	ug/l #	95
18) Methyl Acetate	2.78	43	11062	3.272	ug/l #	78
20) Methylene Chloride	2.85	84	2963	0.878	ug/l #	83
25) 2-Butanone	4.67	43	99244	43.359	ug/l #	81
27) cis-1,2-Dichloroethene	4.60	96	12564	3.394	ug/l	71
29) Tetrahydrofuran	5.13	42	50984	35.443	ug/l #	76
44) Trichloroethene	7.21	130	2042	0.532	ug/l	94
52) Toluene	8.79	92	13302	1.588	ug/l	100

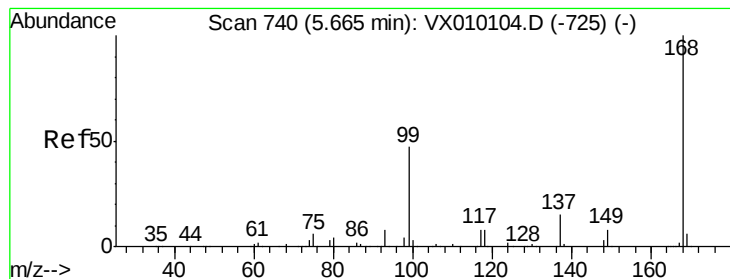
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 15 03:05:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 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: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

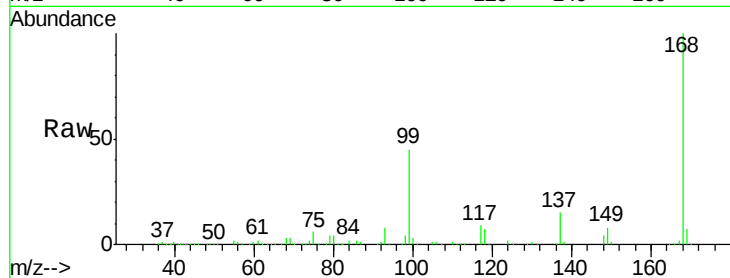
ClientSampleId :

Tot Ion:168 Resp: 334805

Ion Ratio Lower Upper

168 100

99 45.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

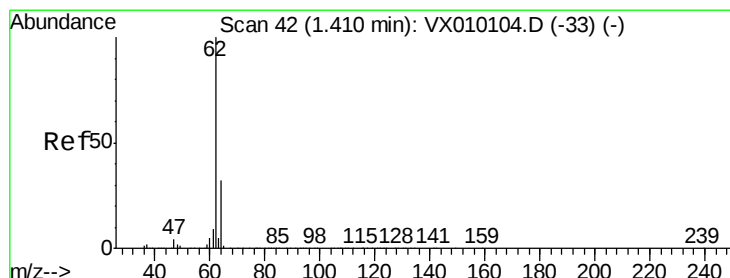
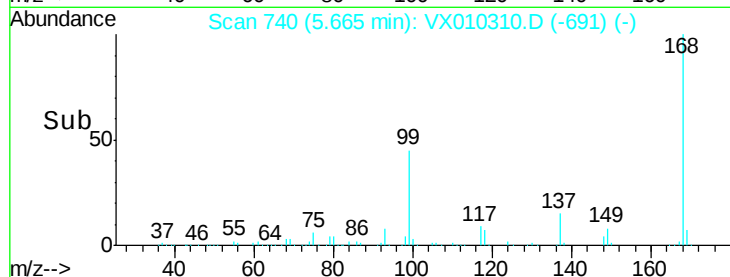
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 15.173 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010310.D

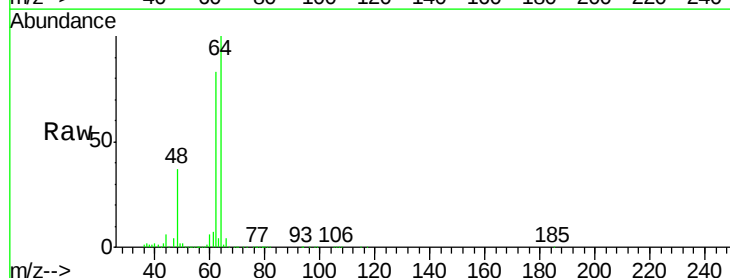
Acq: 14 Jun 2019 18:59

Tgt Ion: 62 Resp: 43630

Ion Ratio Lower Upper

62 100

64 41.2 25.7 38.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

80000

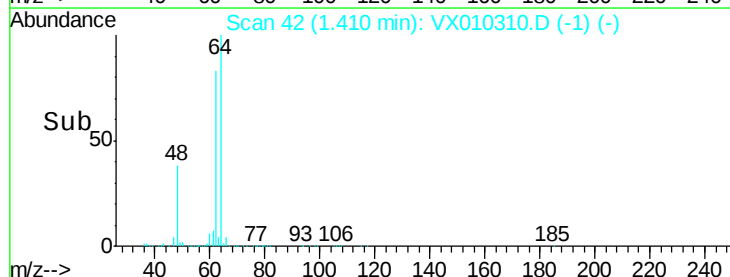
60000

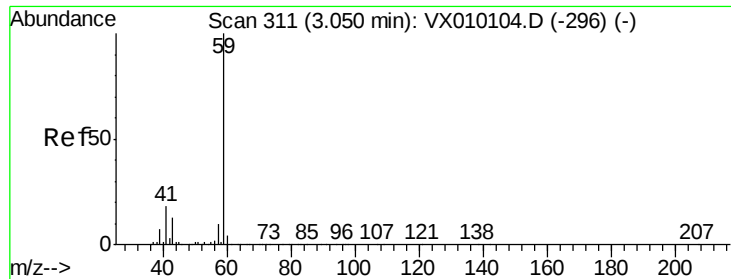
40000

20000

0

Time--> 1.30 1.40 1.50

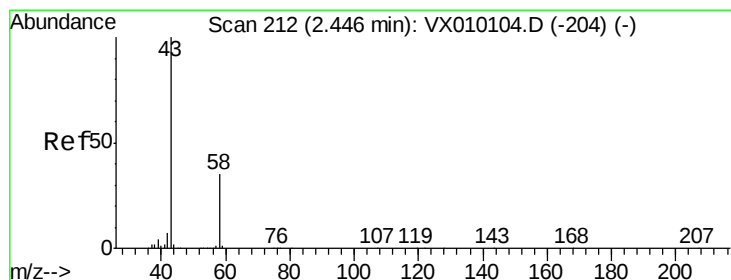
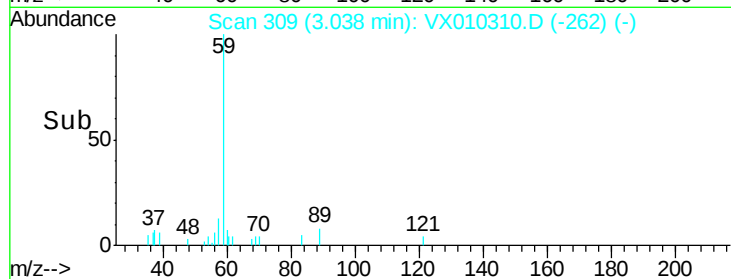
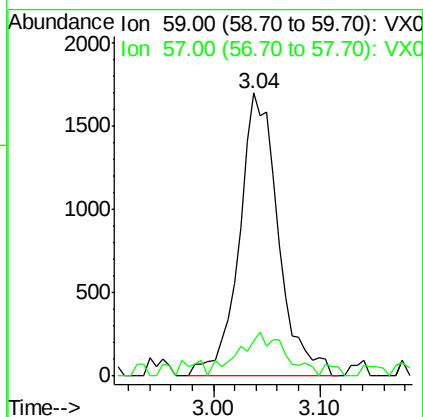
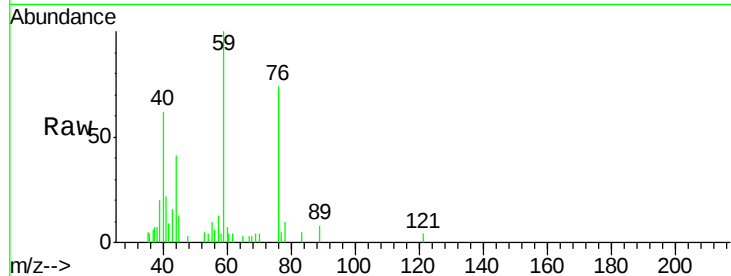




#11
Tert butyl alcohol
Concen: 5.477 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010310.D
Acq: 14 Jun 2019 18:59

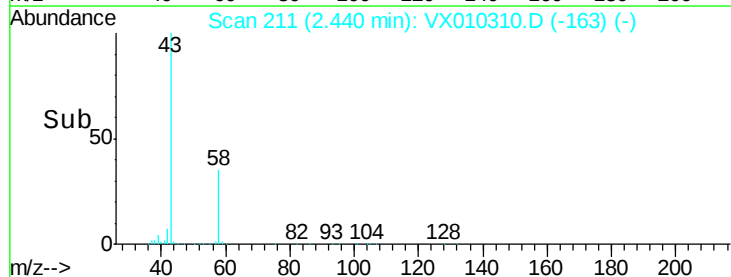
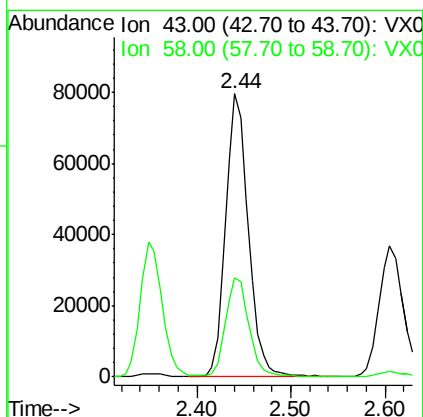
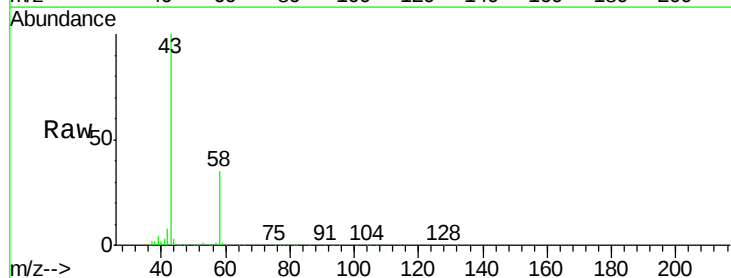
Instrument :
MSVOA_X
ClientSampleId :

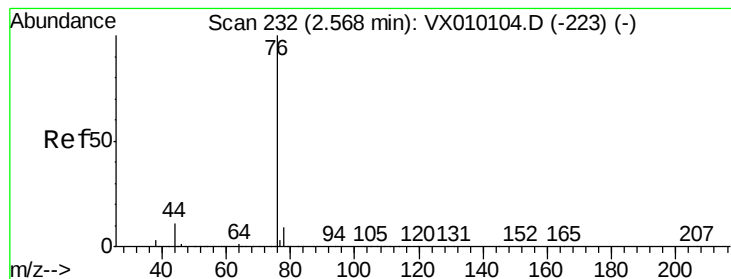
Tot Ion: 59 Resp: 4385
Ion Ratio Lower Upper
59 100
57 18.2 8.2 12.2#



#16
Acetone
Concen: 86.173 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010310.D
Acq: 14 Jun 2019 18:59

Tgt Ion: 43 Resp: 132457
Ion Ratio Lower Upper
43 100
58 34.8 23.2 34.8





#17

Carbon Disulfide

Concen: 1.077 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

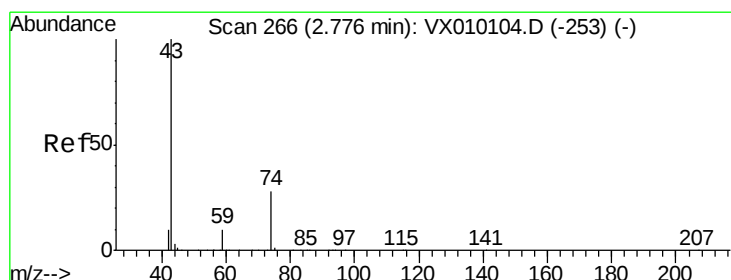
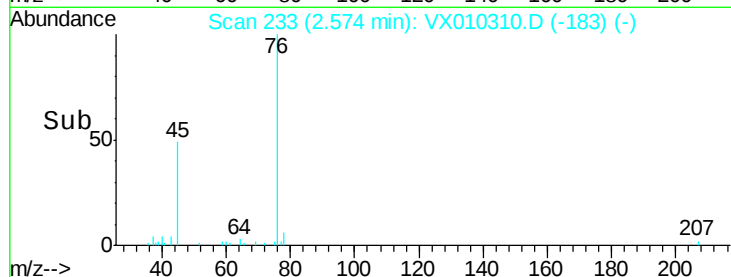
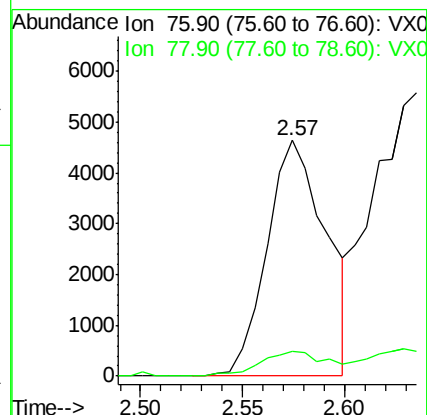
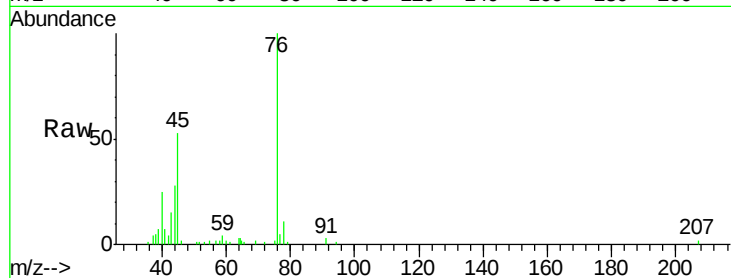
ClientSampled :

Tot Ion: 76 Resp: 9355

Ion Ratio Lower Upper

76 100

78 10.6 7.0 10.6#



#18

Methyl Acetate

Concen: 3.272 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010310.D

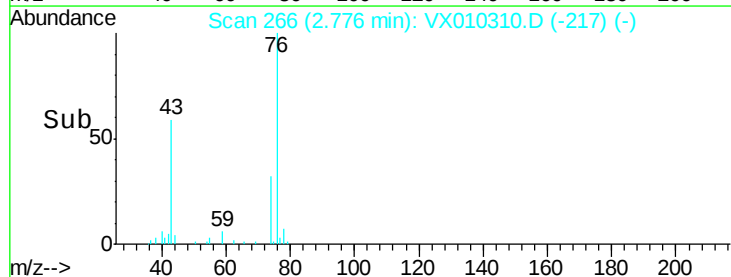
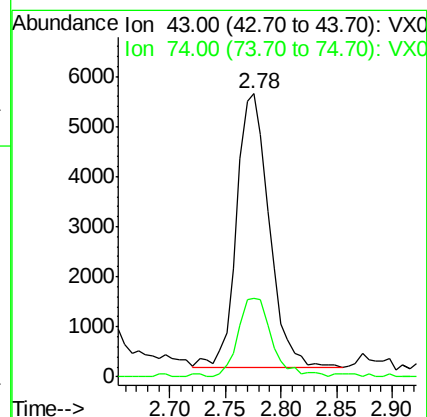
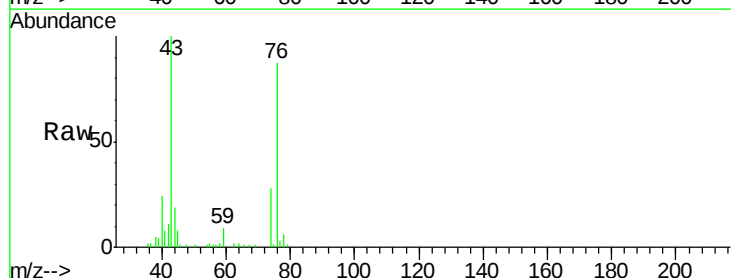
Acq: 14 Jun 2019 18:59

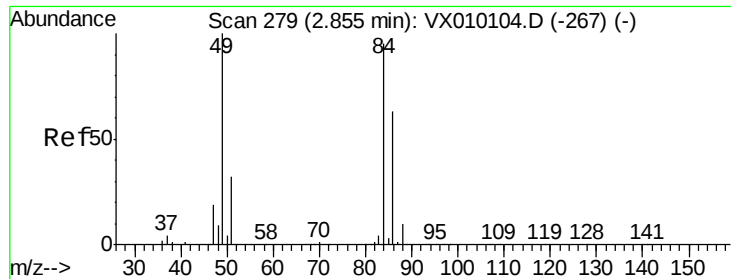
Tgt Ion: 43 Resp: 11062

Ion Ratio Lower Upper

43 100

74 29.8 15.8 23.6#





#20

Methvlene Chloride

Concen: 0.878 ug/l

RT: 2.85 min Scan# 279

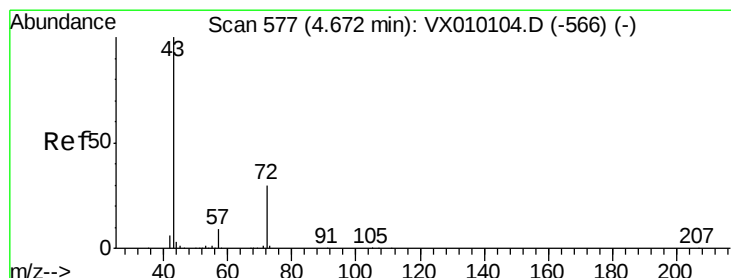
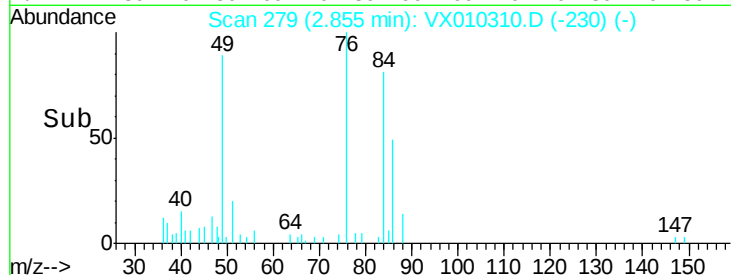
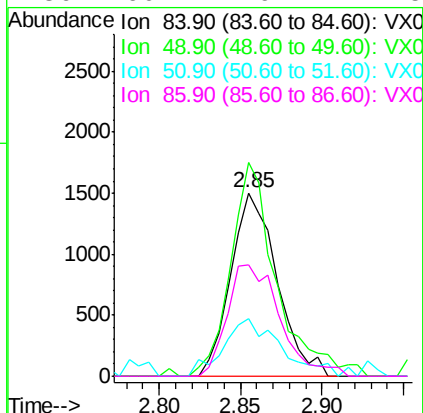
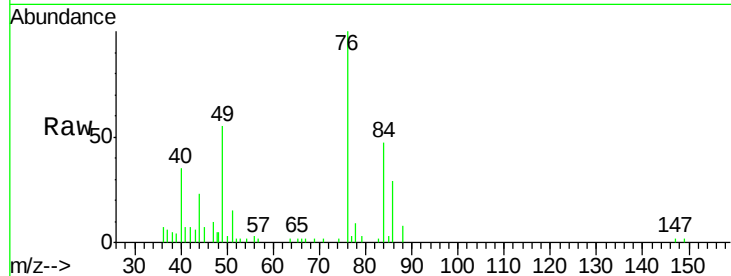
Delta R.T. -0.00 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	84	Resp:	2963
Ion	Ratio	Lower	Upper
84	100		
49	116.3	115.8	173.6
51	31.7	34.4	51.6#
86	60.4	49.7	74.5



#25

2-Butanone

Concen: 43.359 ug/l

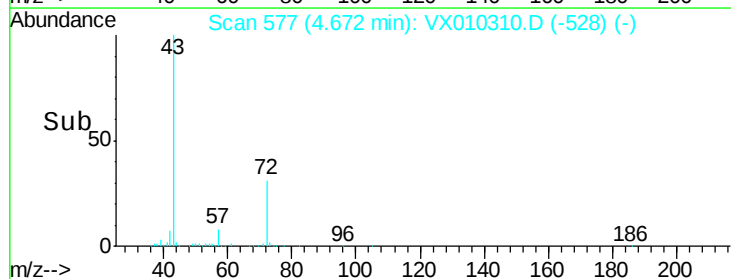
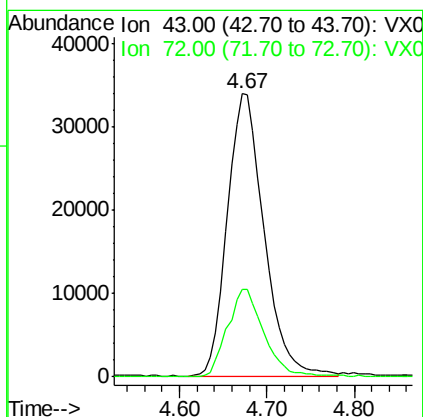
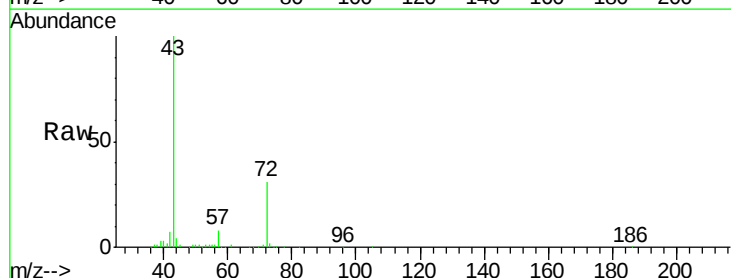
RT: 4.67 min Scan# 577

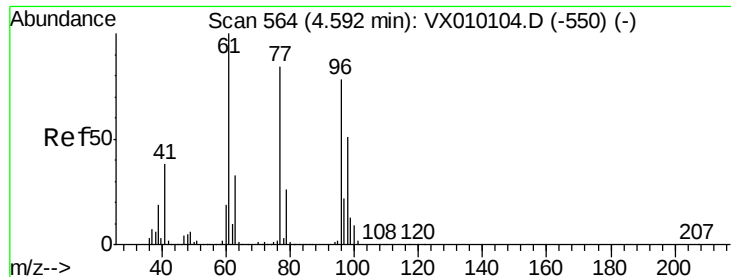
Delta R.T. -0.00 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Tgt Ion:	43	Resp:	99244
Ion	Ratio	Lower	Upper
43	100		
72	31.0	17.5	26.3#



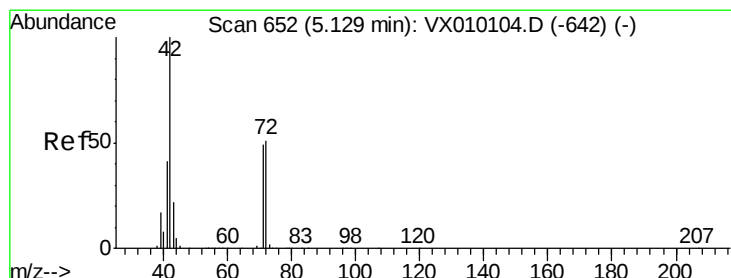
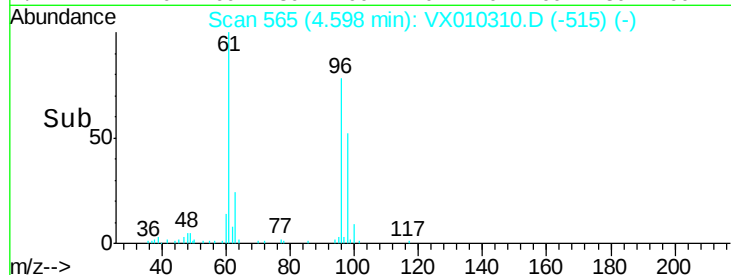
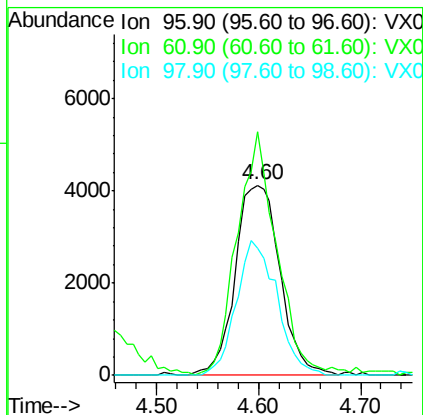
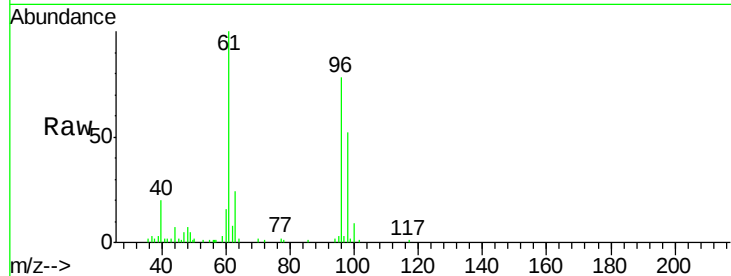


#27

cis-1,2-Dichloroethene
 Concen: 3.394 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010310.D
 Acq: 14 Jun 2019 18:59

Instrument :
 MSVOA_X
 ClientSampleId :

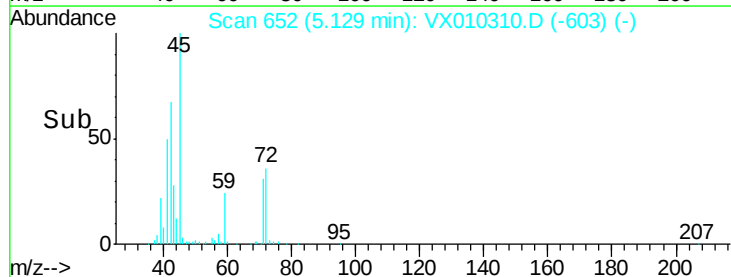
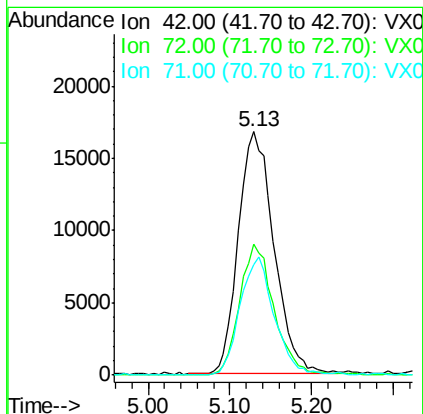
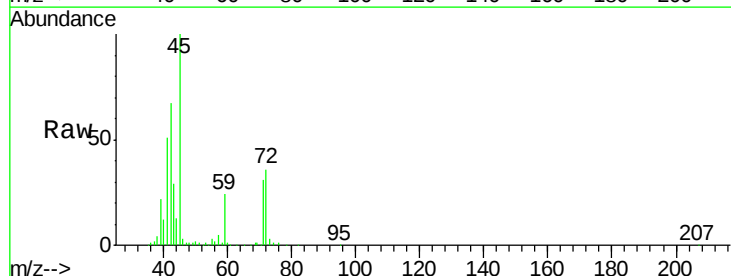
Tot Ion	Ratio	Lower	Upper
96	100		
61	113.9	0.0	334.0
98	64.5	0.0	131.6

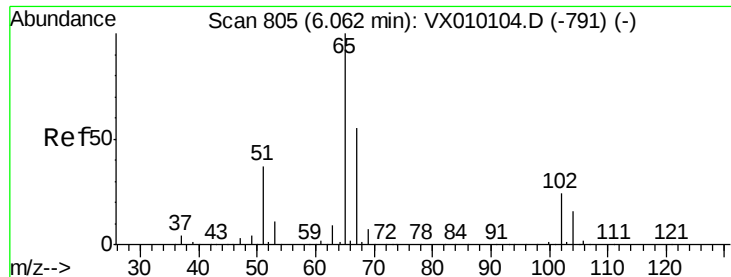


#29

Tetrahydrofuran
 Concen: 35.443 ug/l
 RT: 5.13 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: VX010310.D
 Acq: 14 Jun 2019 18:59

Tgt Ion	Ratio	Lower	Upper
42	100		
72	52.0	29.2	43.8#
71	46.8	27.6	41.4#

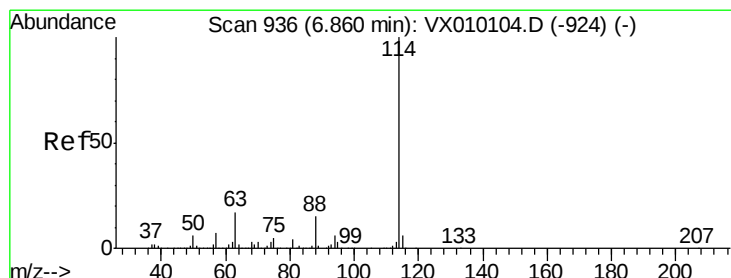
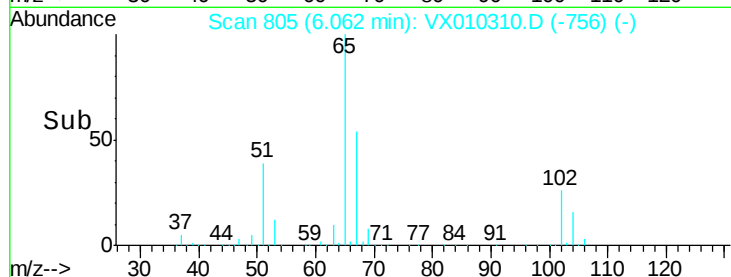
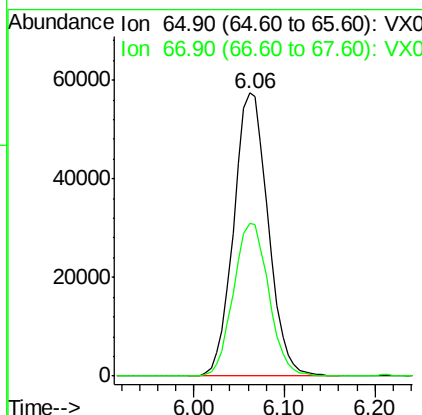
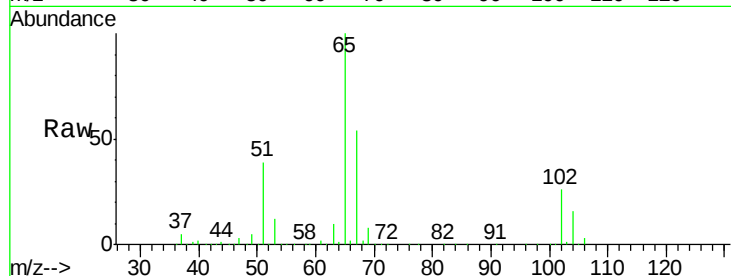




#33
 1,2-Dichloroethane-d4
 Concen: 46.170 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010310.D
 Acq: 14 Jun 2019 18:59

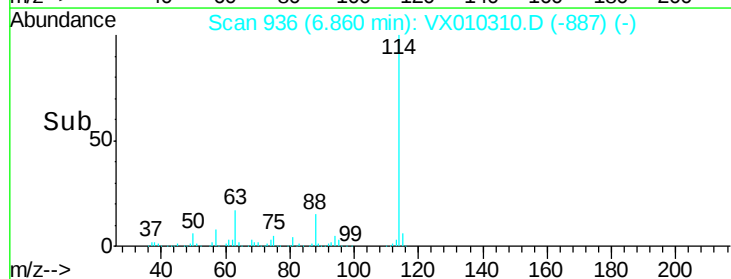
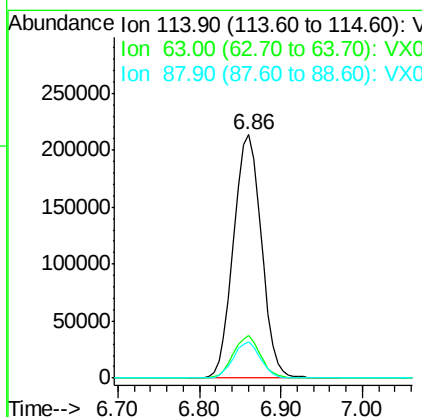
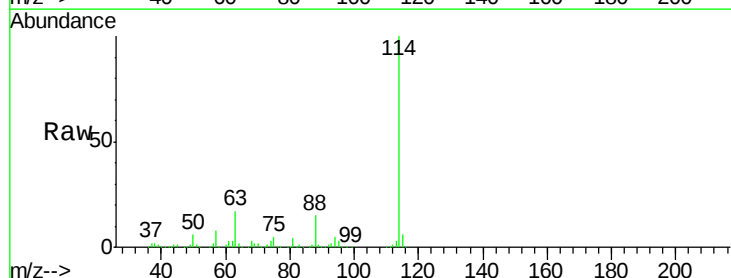
Instrument :
 MSVOA_X
 ClientSampleId :

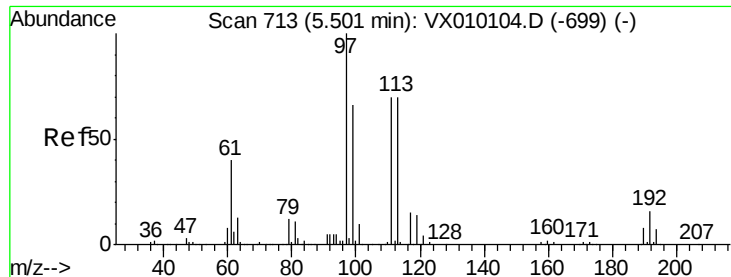
Tot Ion: 65 Resp: 150887
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010310.D
 Acq: 14 Jun 2019 18:59

Tgt Ion: 114 Resp: 505224
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 47.4
 88 14.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.132 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

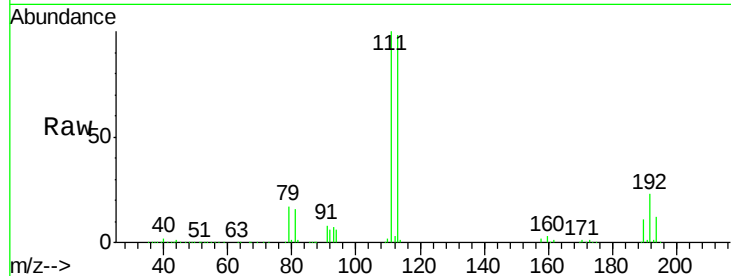
Tot Ion:113 Resp: 153113

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

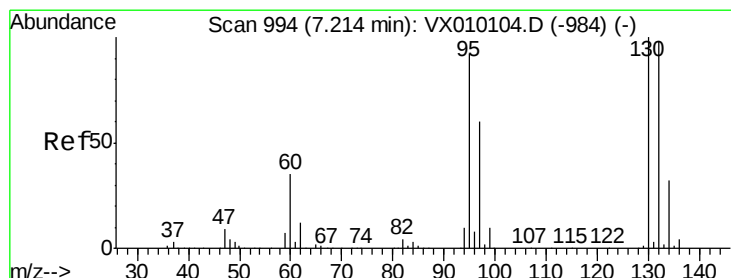
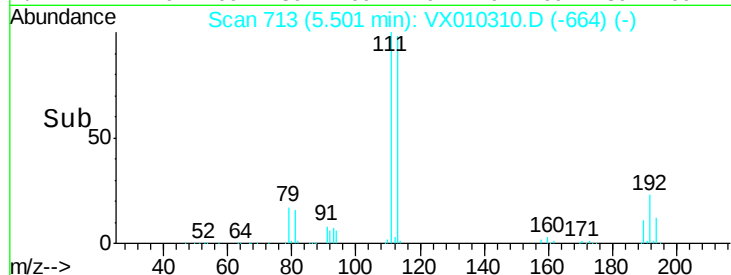
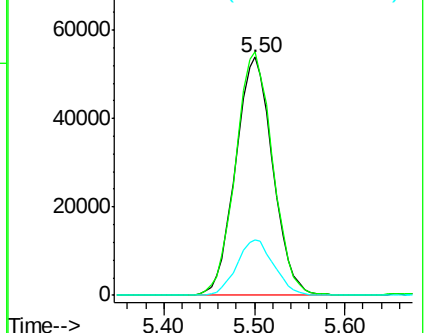
192 23.2 17.1 25.7



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



#44

Trichloroethene

Concen: 0.532 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010310.D

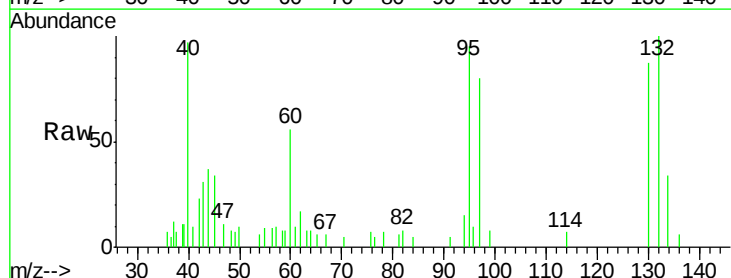
Acq: 14 Jun 2019 18:59

Tgt Ion:130 Resp: 2042

Ion Ratio Lower Upper

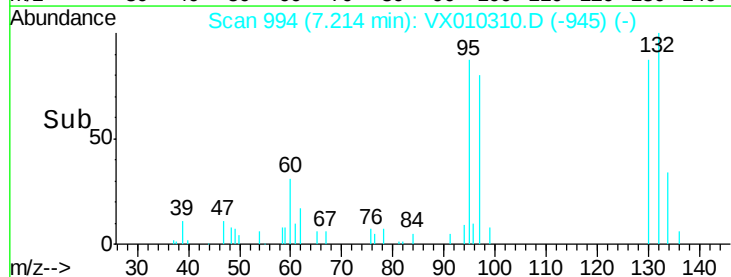
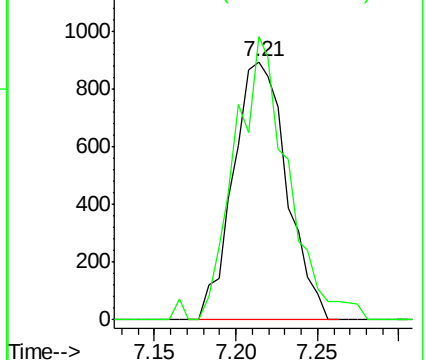
130 100

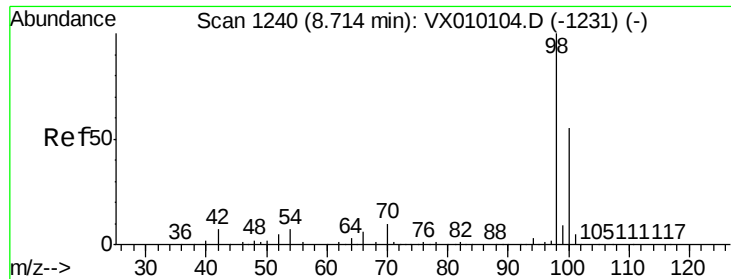
95 109.6 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

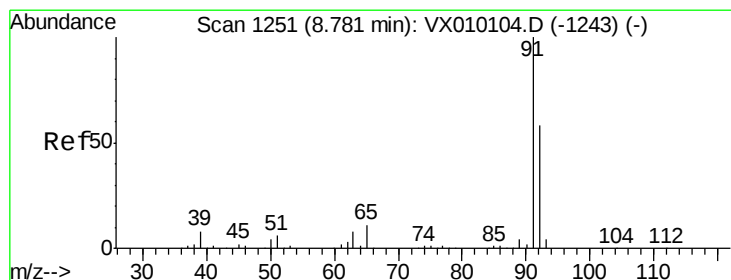
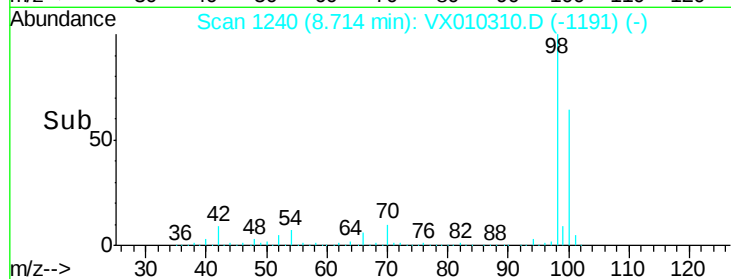
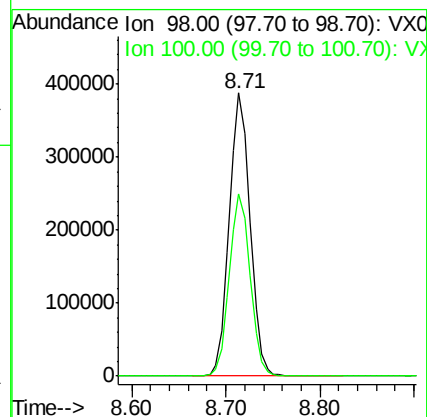
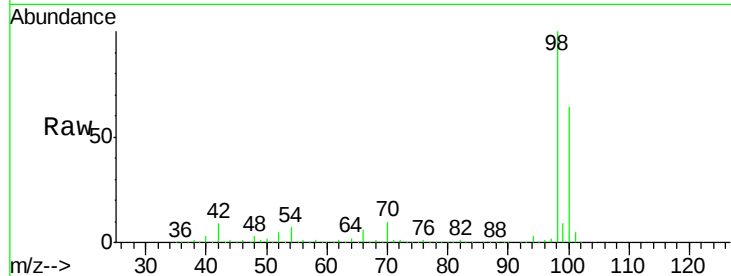




#50
Toluene-d8
Concen: 51.126 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010310.D
Acq: 14 Jun 2019 18:59

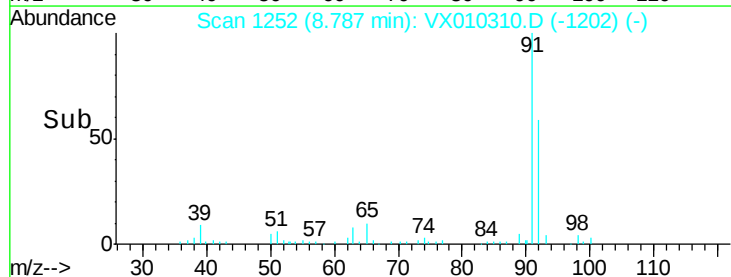
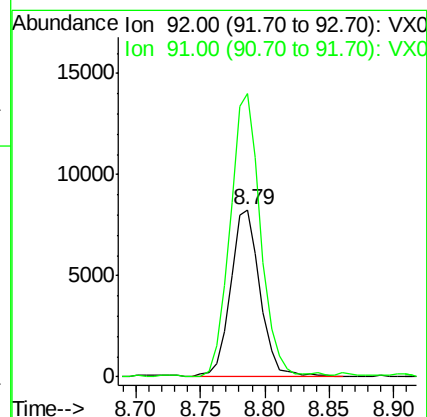
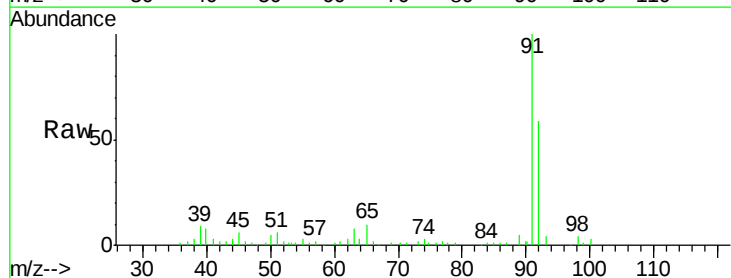
Instrument :
MSVOA_X
ClientSampleId :

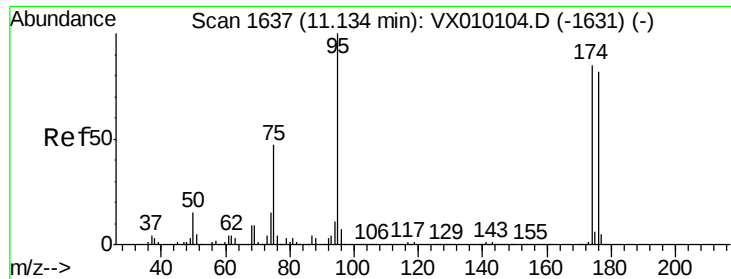
Tot Ion: 98 Resp: 597131
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#52
Toluene
Concen: 1.588 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX010310.D
Acq: 14 Jun 2019 18:59

Tgt Ion: 92 Resp: 13302
Ion Ratio Lower Upper
92 100
91 174.6 139.9 209.9





#62

4-Bromofluorobenzene

Concen: 48.162 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

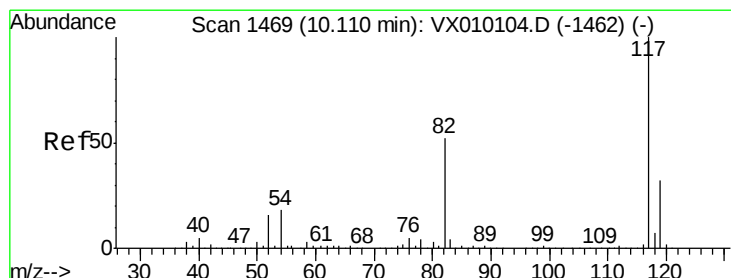
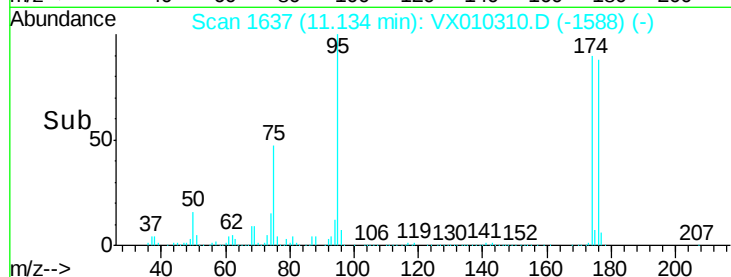
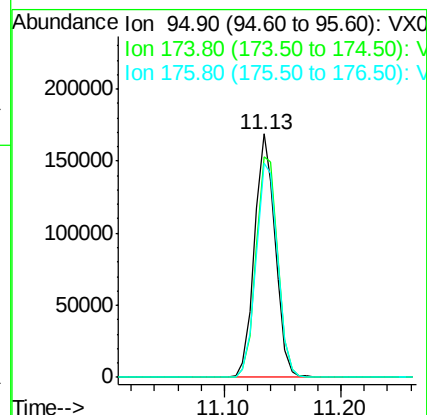
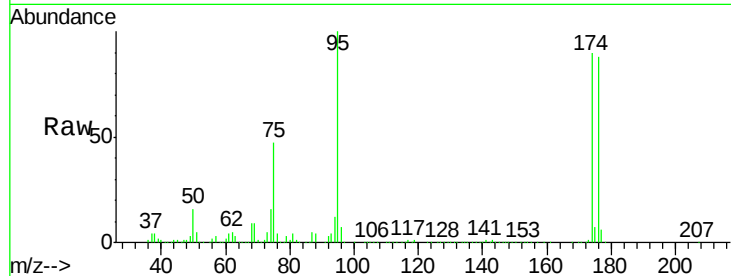
Tot Ion: 95 Resp: 210073

Ion Ratio Lower Upper

95 100

174 95.1 0.0 160.4

176 91.8 0.0 154.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

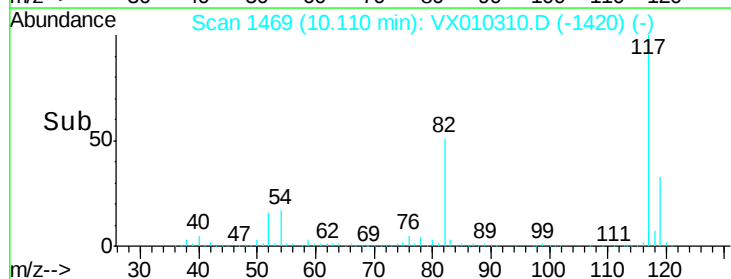
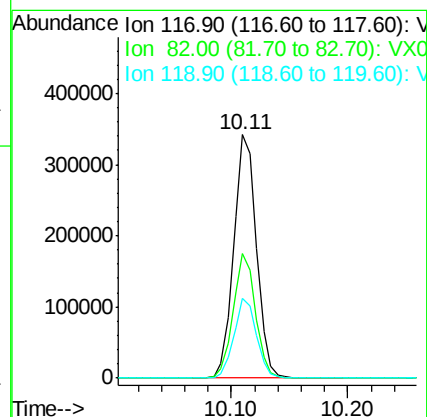
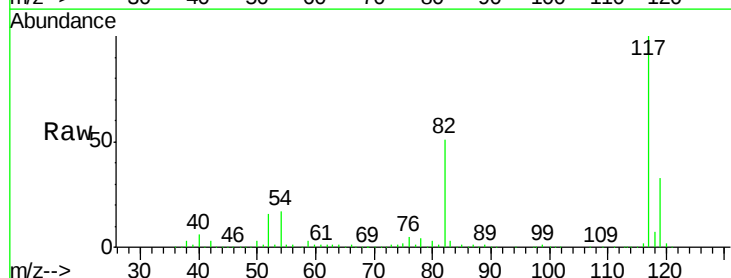
Tgt Ion: 117 Resp: 464986

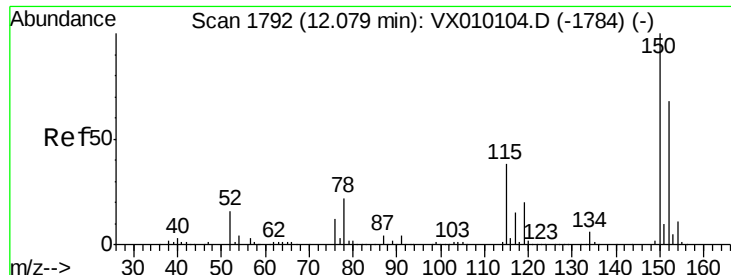
Ion Ratio Lower Upper

117 100

82 51.3 49.2 73.8

119 32.5 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

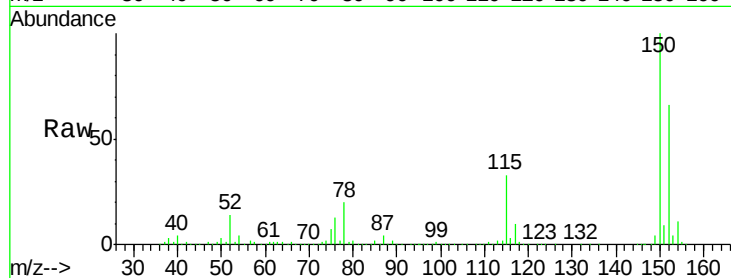
Lab File: VX010310.D

Acq: 14 Jun 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :



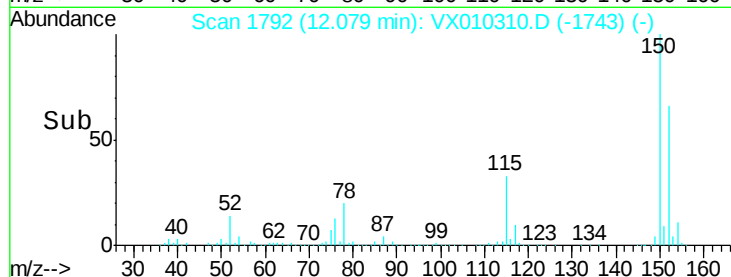
Tot Ion:152 Resp: 228976

Ion Ratio Lower Upper

152 100

115 53.8 41.4 124.2

150 156.0 0.0 345.2



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

