

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002132.D
 Acq On : 30 May 2018 09:32
 Operator : JC/MD
 Sample : J3165-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-36

Quant Time: May 30 12:01:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	296326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	430744	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	403725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	255967	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	202578	38.25	ug/l	0.00
Spiked Amount			Recovery	=	76.50%	
35) Dibromofluoromethane	5.51	113	152338	35.37	ug/l	0.00
Spiked Amount			Recovery	=	70.74%	
50) Toluene-d8	8.72	98	613295	39.33	ug/l	0.00
Spiked Amount			Recovery	=	78.66%	
62) 4-Bromofluorobenzene	11.14	95	240376	39.40	ug/l	0.00
Spiked Amount			Recovery	=	78.80%	

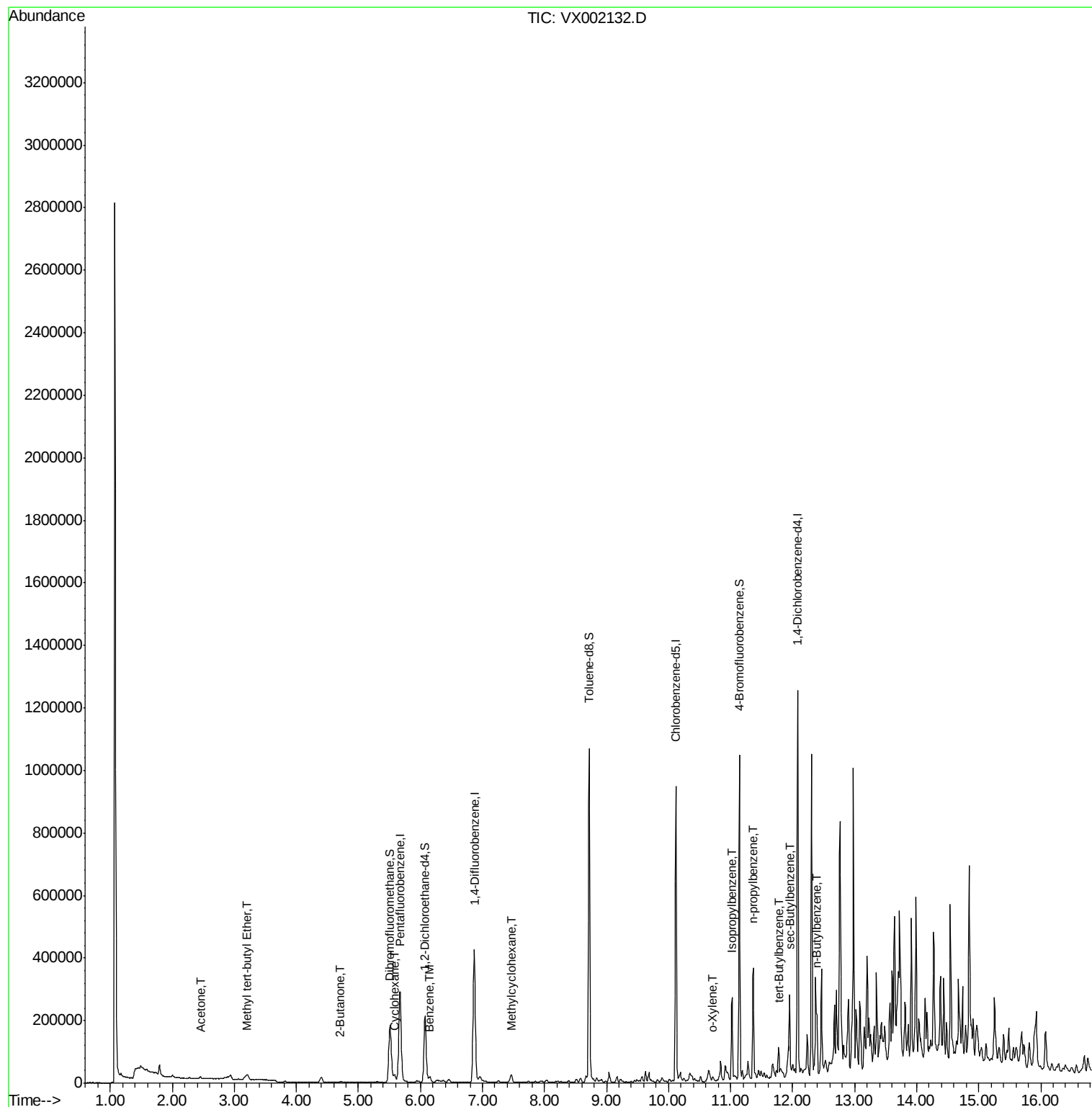
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	7630	3.73	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	18094	1.39	ug/l	100
25) 2-Butanone	4.71	43	4733	1.26	ug/l	93
31) Cyclohexane	5.58	56	16619	2.28	ug/l	94
39) Methylcyclohexane	7.46	83	9492	1.29	ug/l	93
40) Benzene	6.15	78	19134	1.09	ug/l	97
69) o-Xylene	10.71	106	1718	0.20	ug/l	96
73) Isopropylbenzene	11.02	105	134013	6.18	ug/l	99
78) n-propylbenzene	11.37	91	213114	8.78	ug/l	99
83) tert-Butylbenzene	11.77	119	16724	0.92	ug/l	89
85) sec-Butylbenzene	11.95	105	118502	5.42	ug/l	81
89) n-Butylbenzene	12.39	91	79890	4.82	ug/l #	74

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

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
Data File : VX002132.D
Acq On : 30 May 2018 09:32
Operator : JC/MD
Sample : J3165-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-36

Quant Time: May 30 12:01:35 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002132.D

Acq: 30 May 2018 09:32

Instrument :

MSVOA_X

ClientSampled :

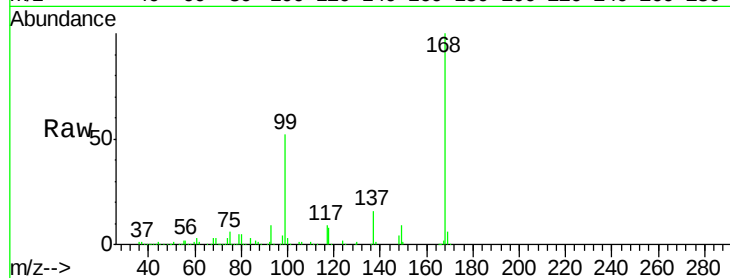
MW-36

Tot Ion:168 Resp: 296326

Ion Ratio Lower Upper

168 100

99 51.8 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

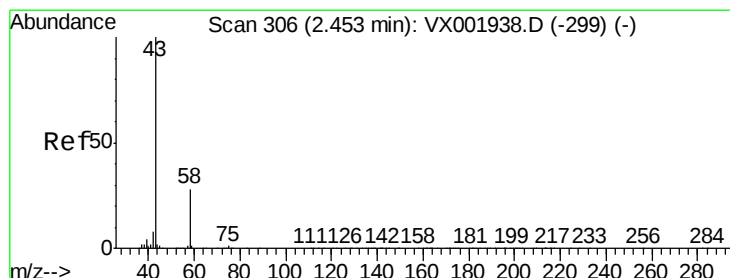
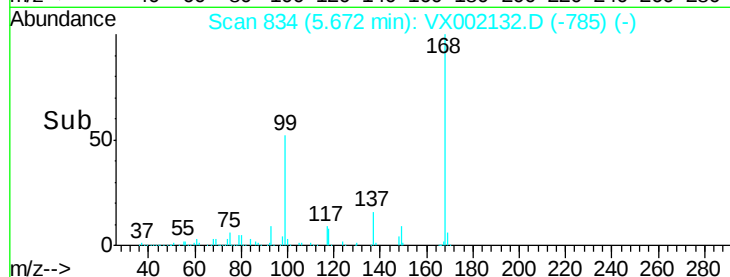
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 3.73 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002132.D

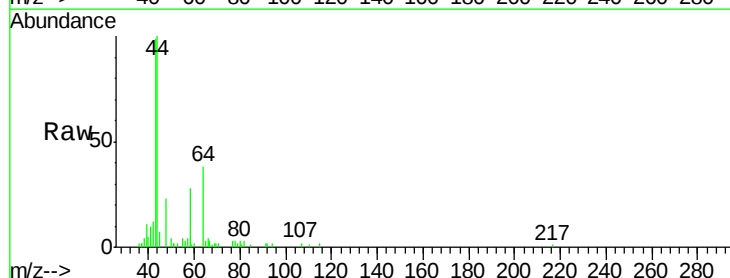
Acq: 30 May 2018 09:32

Tgt Ion: 43 Resp: 7630

Ion Ratio Lower Upper

43 100

58 31.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

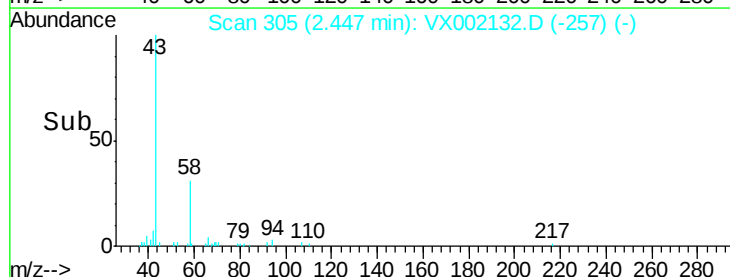
3000

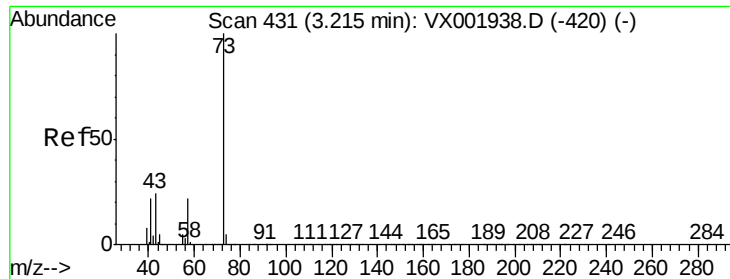
2000

1000

0

Time--> 2.40 2.45 2.50

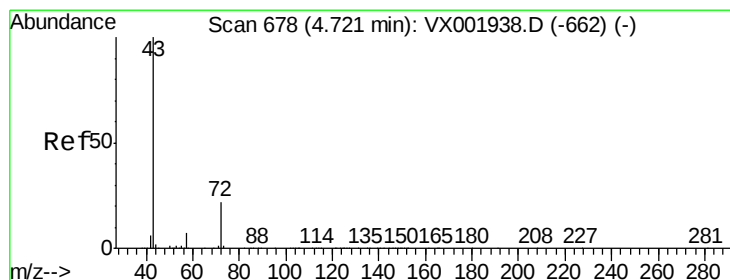
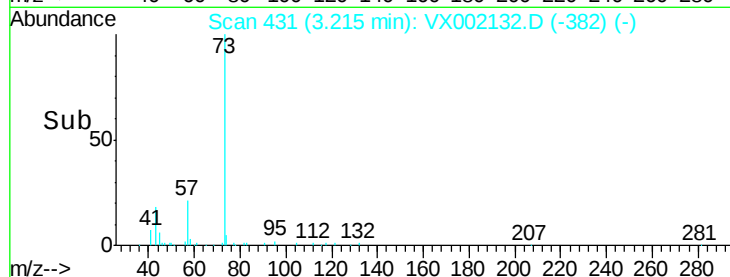
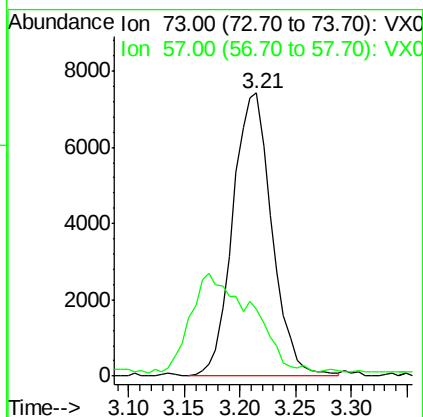
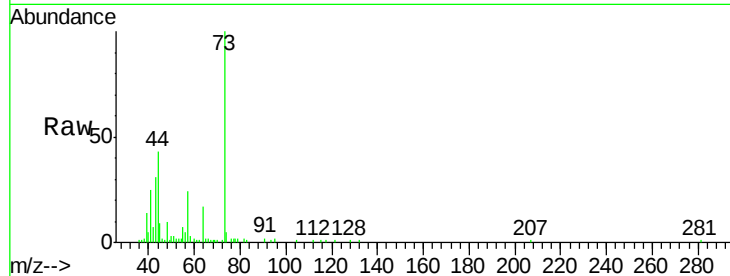




#19
Methvl tert-butvl Ether
Concen: 1.39 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX002132.D
Acq: 30 May 2018 09:32

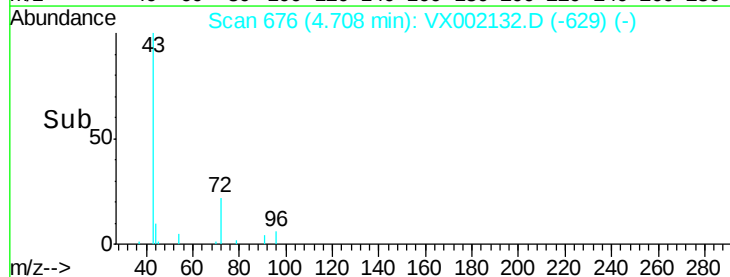
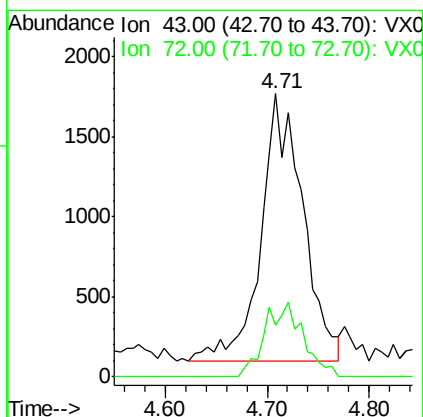
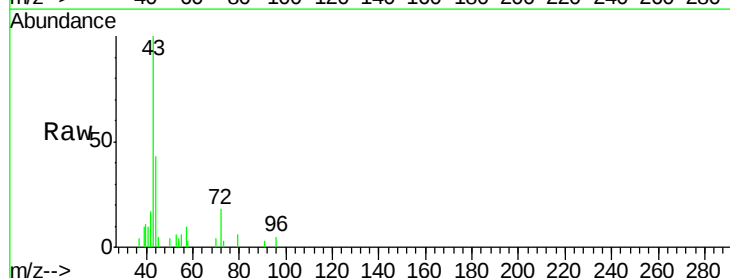
Instrument :
MSVOA_X
ClientSampleId :
MW-36

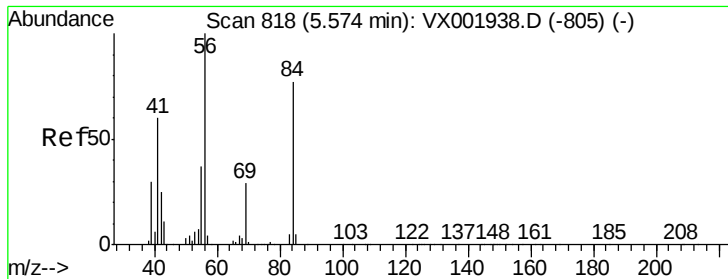
Tot Ion: 73 Resp: 18094
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0



#25
2-Butanone
Concen: 1.26 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002132.D
Acq: 30 May 2018 09:32

Tgt Ion: 43 Resp: 4733
Ion Ratio Lower Upper
43 100
72 19.2 17.9 26.9

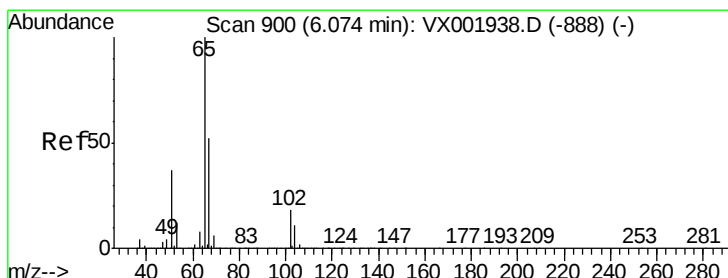
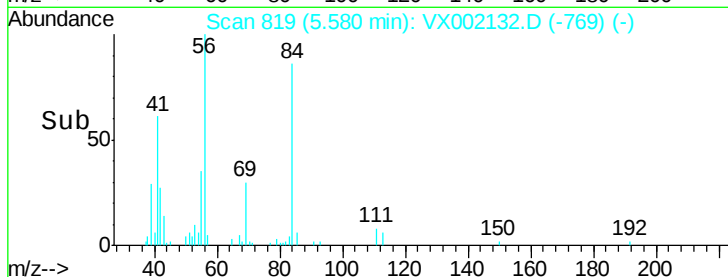
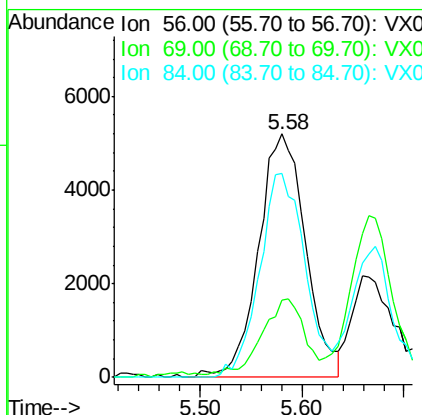
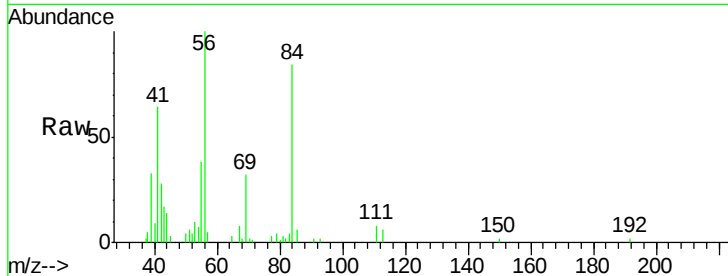




#31
Cyclohexane
Concen: 2.28 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002132.D
Acq: 30 May 2018 09:32

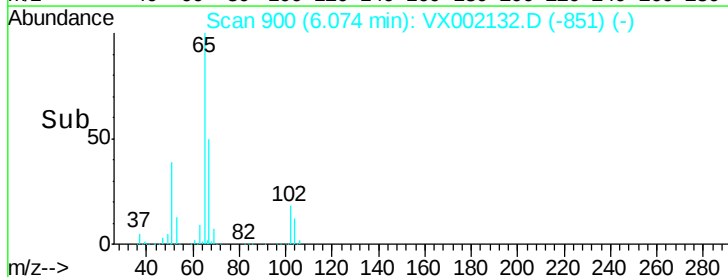
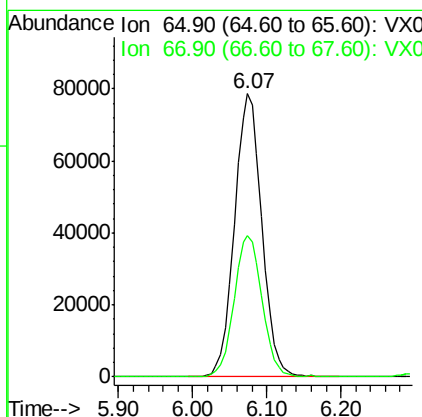
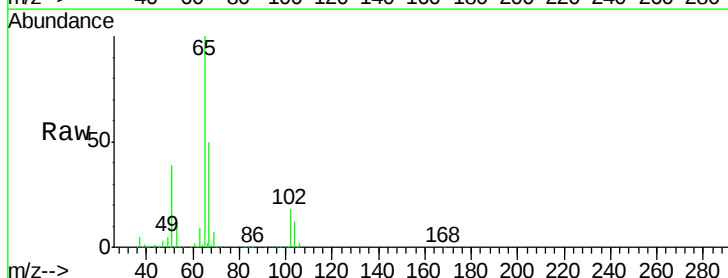
Instrument :
MSVOA_X
ClientSampled :
MW-36

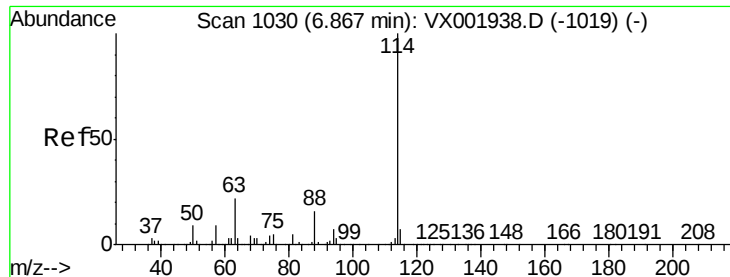
Tot Ion: 56 Resp: 16619
Ion Ratio Lower Upper
56 100
69 30.5 23.1 34.7
84 83.9 62.0 93.0



#33
1,2-Dichloroethane-d4
Concen: 38.25 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002132.D
Acq: 30 May 2018 09:32

Tgt Ion: 65 Resp: 202578
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002132.D

Acq: 30 May 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

MW-36

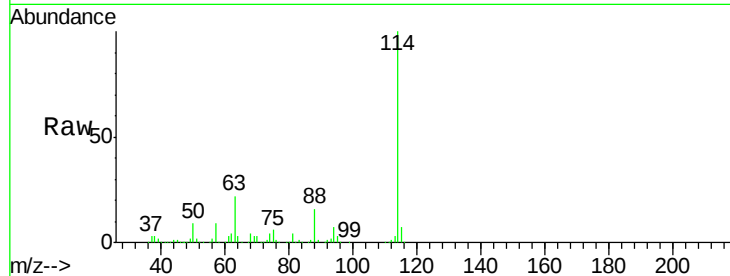
Tot Ion:114 Resp: 430744

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

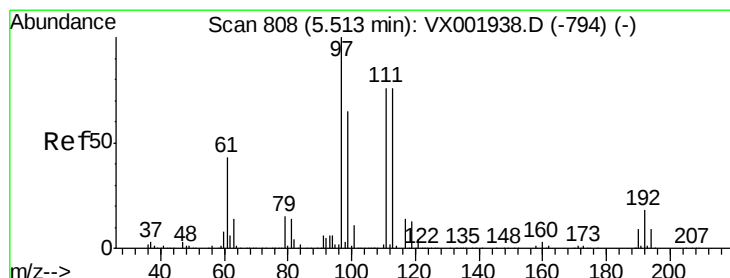
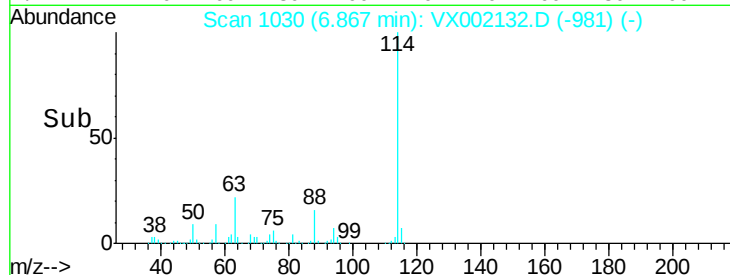
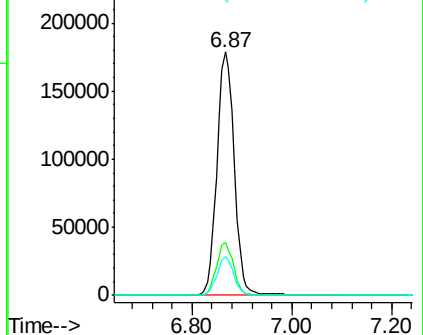
88 16.0 0.0 31.6



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: 35.37 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002132.D

Acq: 30 May 2018 09:32

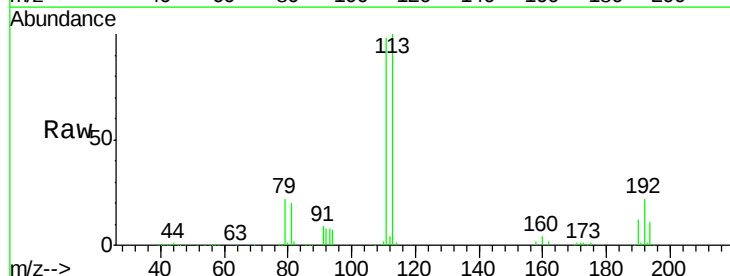
Tgt Ion:113 Resp: 152338

Ion Ratio Lower Upper

113 100

111 100.4 82.0 123.0

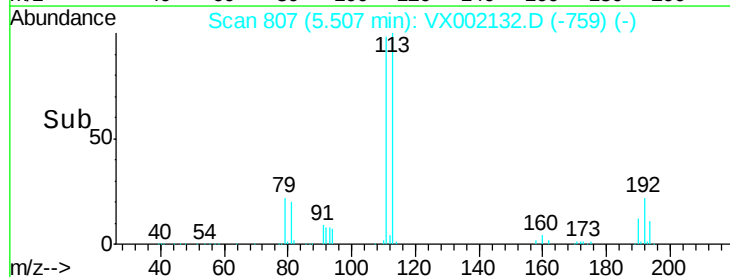
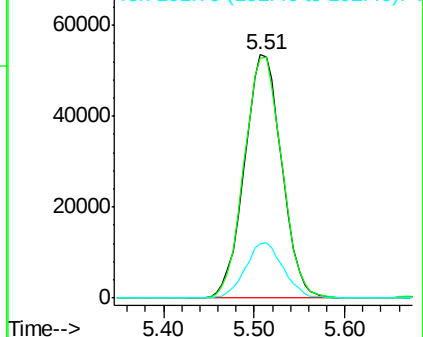
192 23.0 18.9 28.3

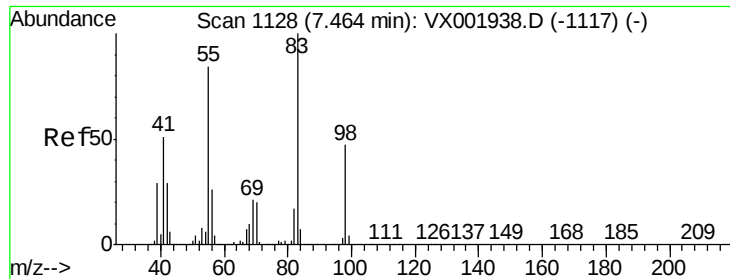


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

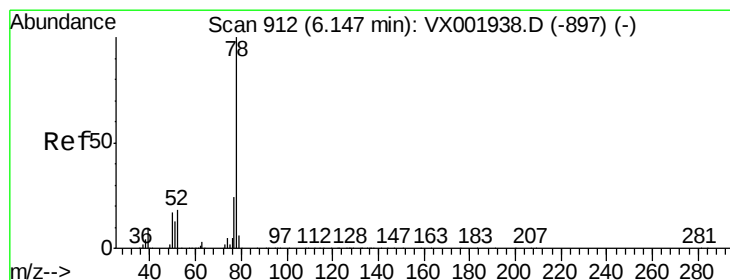
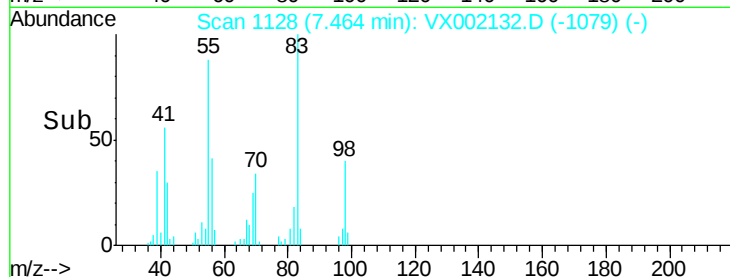
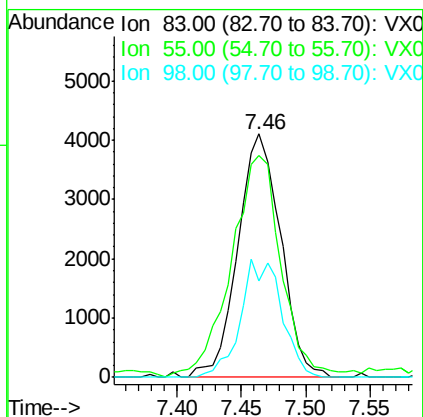
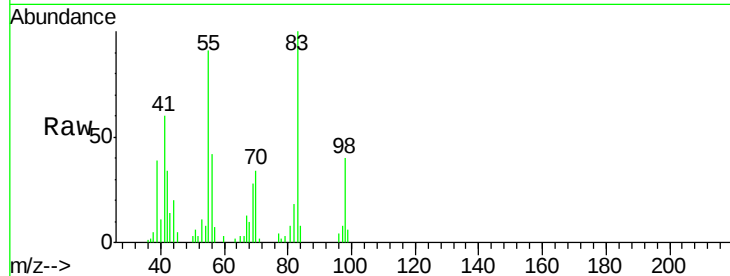




#39
Methvlcvclohexane
Concen: 1.29 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002132.D
Acq: 30 May 2018 09:32

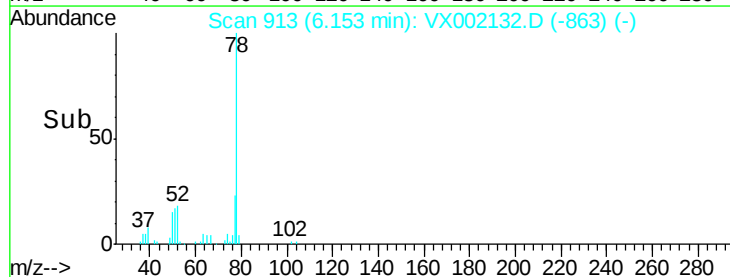
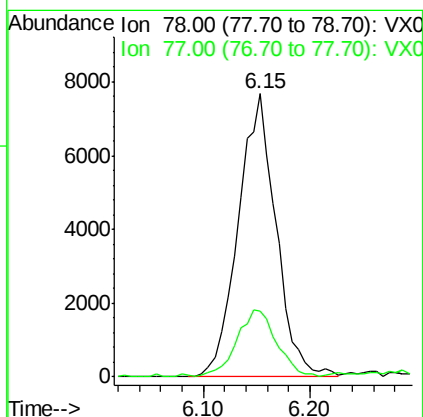
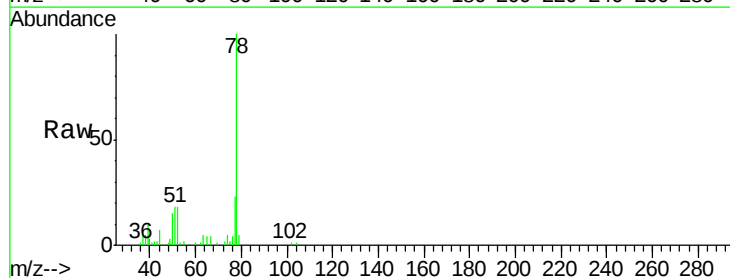
Instrument :
MSVOA_X
ClientSampled :
MW-36

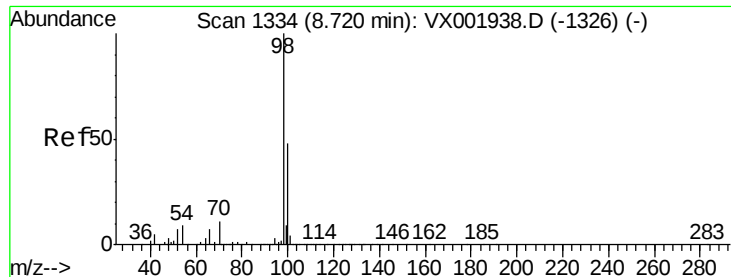
Tot Ion: 83 Resp: 9492
Ion Ratio Lower Upper
83 100
55 88.9 67.3 100.9
98 39.8 37.5 56.3



#40
Benzene
Concen: 1.09 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX002132.D
Acq: 30 May 2018 09:32

Tgt Ion: 78 Resp: 19134
Ion Ratio Lower Upper
78 100
77 22.4 19.1 28.7





#50

Toluene-d8

Concen: 39.33 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002132.D

Acq: 30 May 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

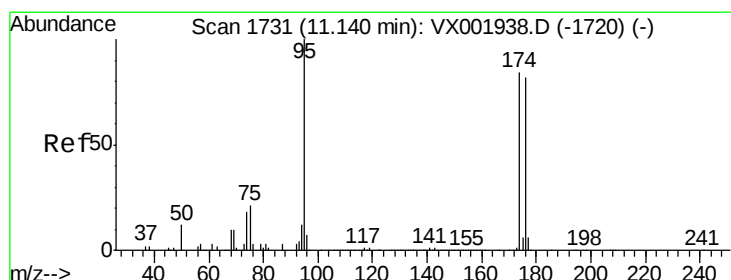
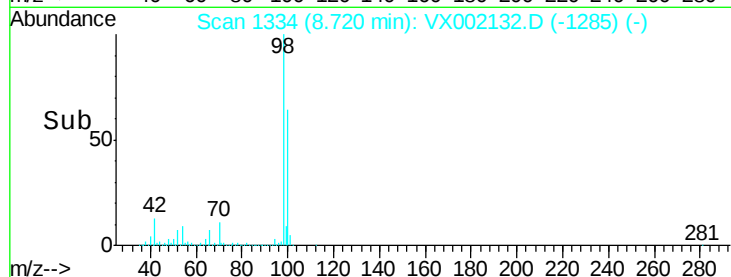
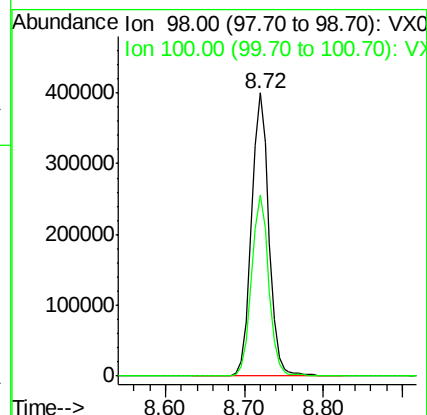
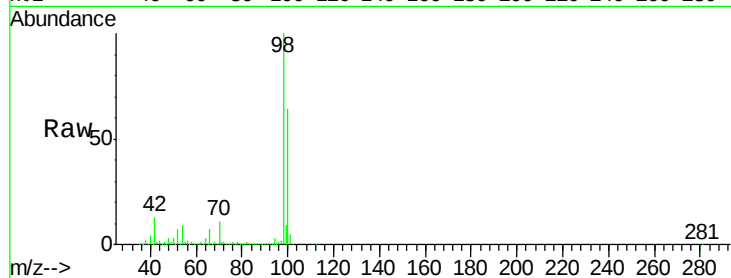
MW-36

Tot Ion: 98 Resp: 613295

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 39.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002132.D

Acq: 30 May 2018 09:32

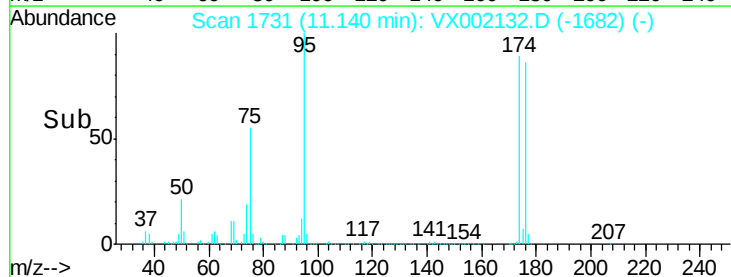
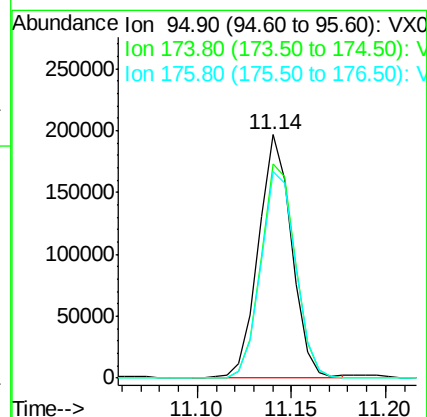
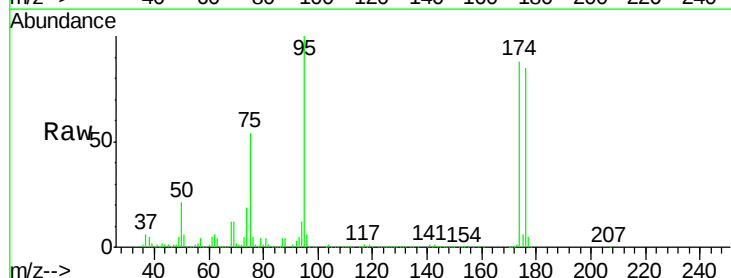
Tgt Ion: 95 Resp: 240376

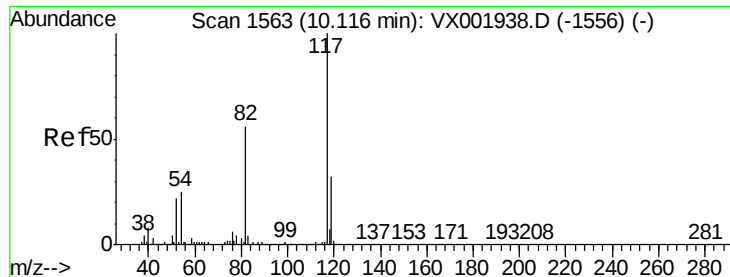
Ion Ratio Lower Upper

95 100

174 91.8 0.0 178.8

176 89.2 0.0 175.6

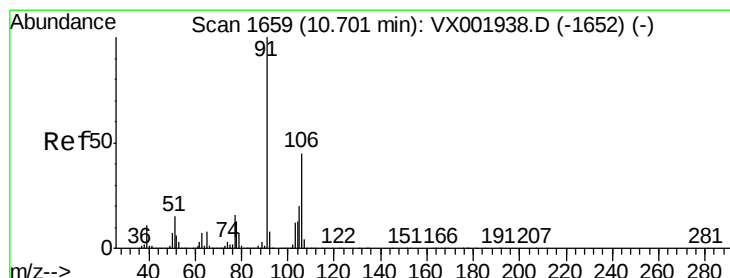
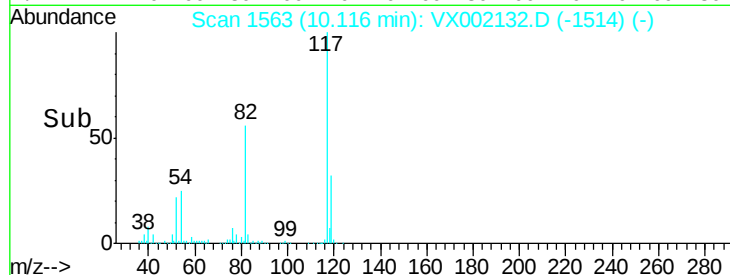
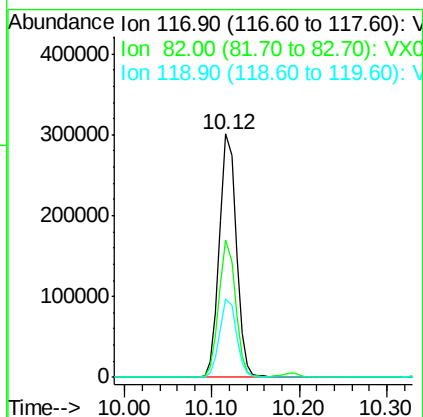
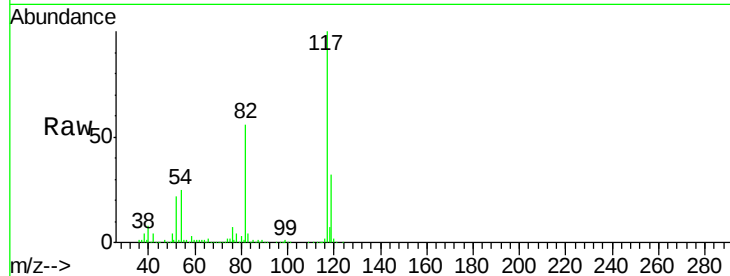




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002132.D
Acq: 30 May 2018 09:32

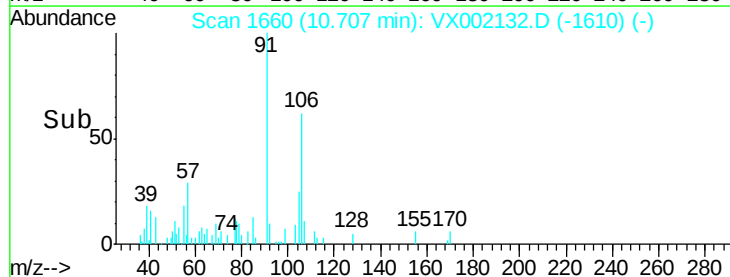
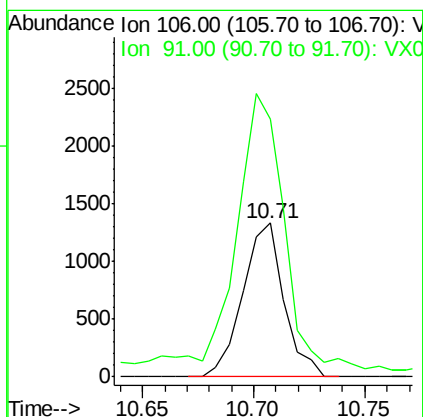
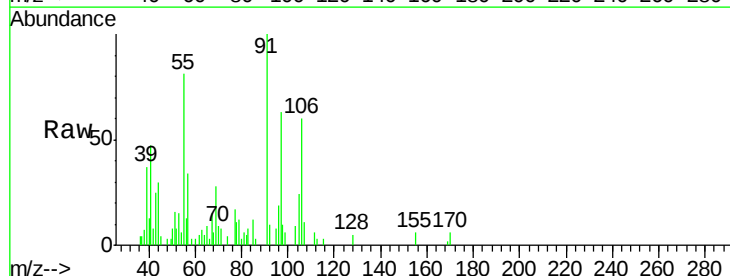
Instrument :
MSVOA_X
ClientSampled :
MW-36

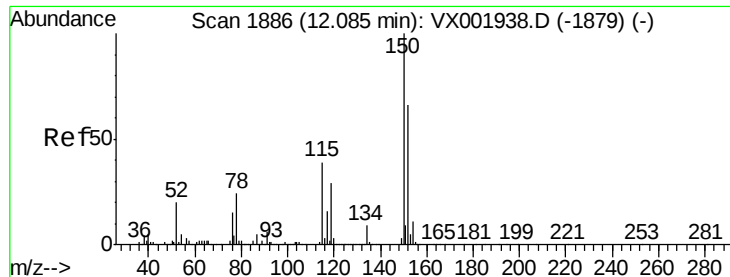
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.8	67.2
119	32.0	25.5	38.3



#69
o-Xylene
Concen: 0.20 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX002132.D
Acq: 30 May 2018 09:32

Tgt Ion	Ratio	Lower	Upper
106	100		
91	223.1	108.7	325.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002132.D

Acq: 30 May 2018 09:32

Instrument :

MSVOA_X

ClientSampled :

MW-36

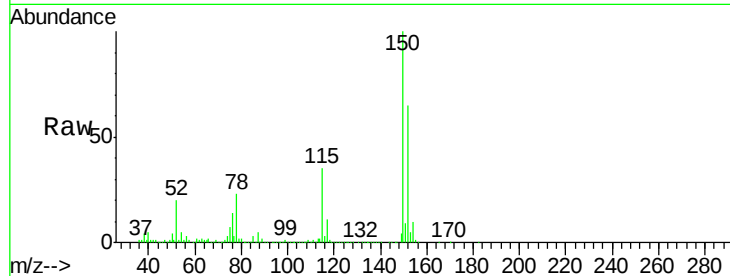
Tot Ion:152 Resp: 255967

Ion Ratio Lower Upper

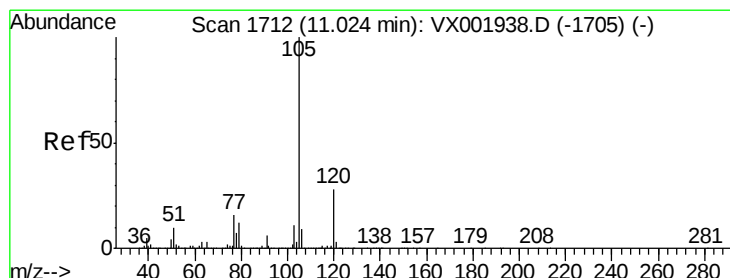
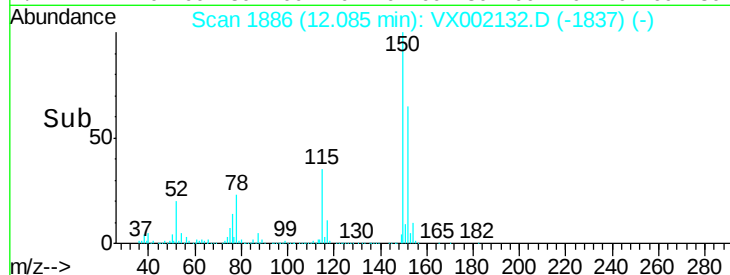
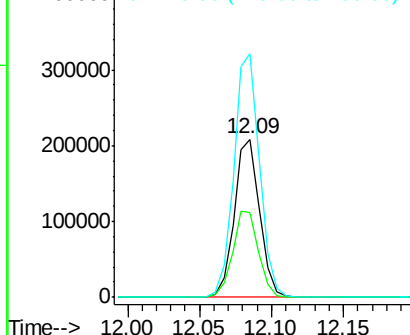
152 100

115 55.5 42.3 126.8

150 155.5 0.0 351.0



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



#73

Isopropylbenzene

Concen: 6.18 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002132.D

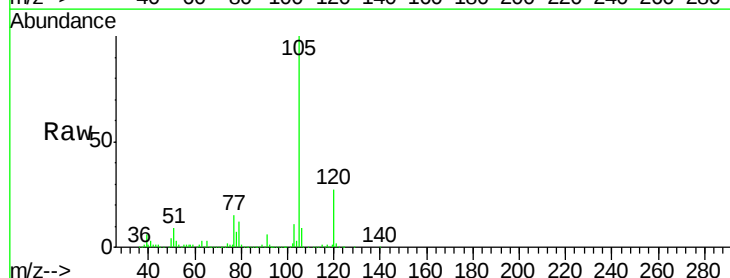
Acq: 30 May 2018 09:32

Tgt Ion:105 Resp: 134013

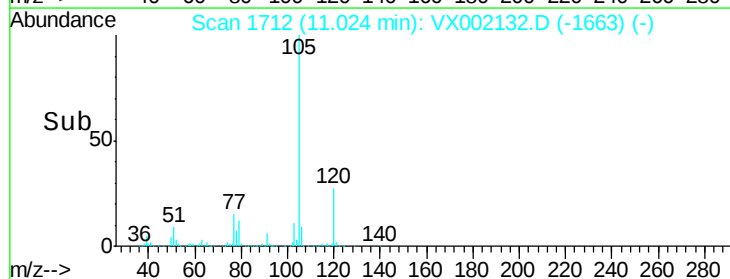
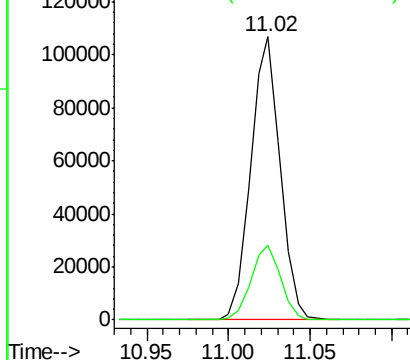
Ion Ratio Lower Upper

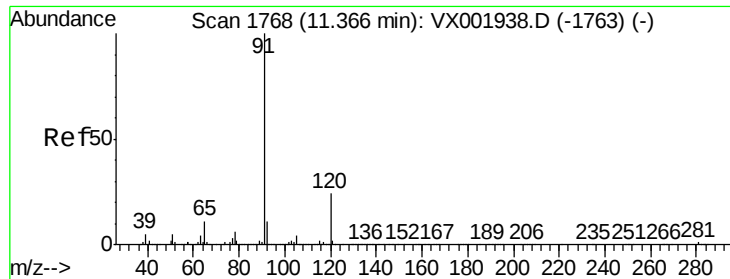
105 100

120 26.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 8.78 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002132.D

Acq: 30 May 2018 09:32

Instrument :

MSVOA_X

ClientSampleId :

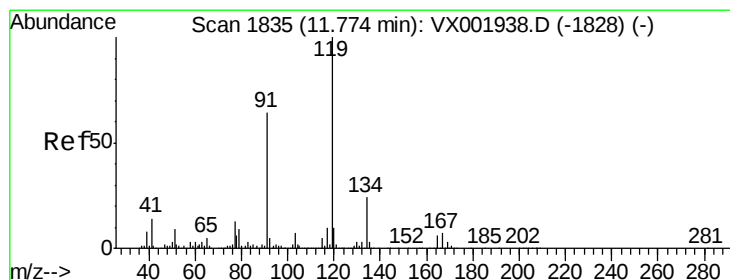
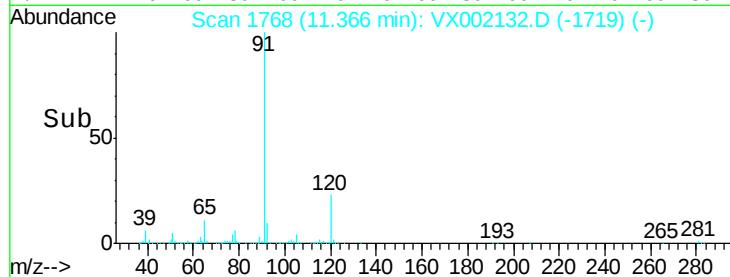
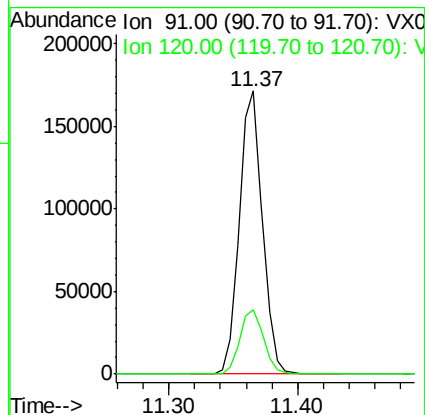
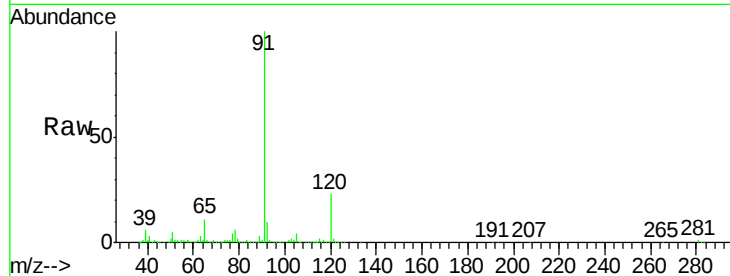
MW-36

Tot Ion: 91 Resp: 213114

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.7



#83

tert-Butylbenzene

Concen: 0.92 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX002132.D

Acq: 30 May 2018 09:32

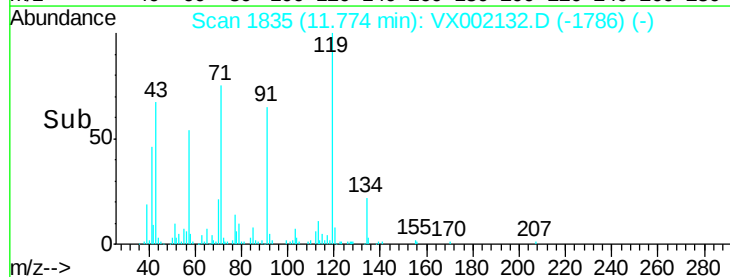
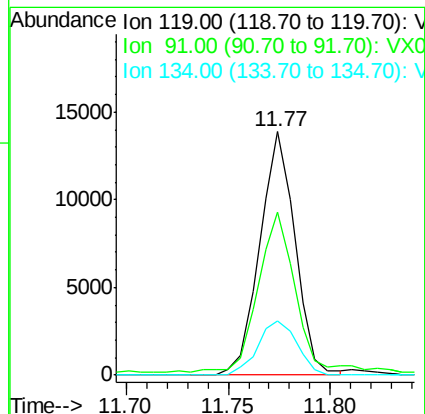
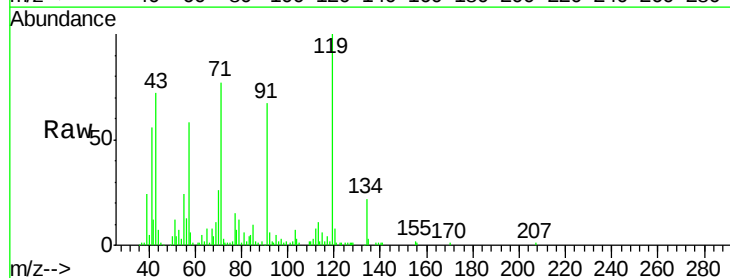
Tgt Ion: 119 Resp: 16724

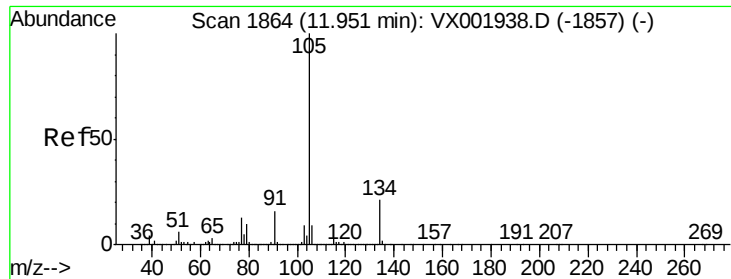
Ion Ratio Lower Upper

119 100

91 71.8 30.6 91.8

134 24.7 11.7 35.0





#85

sec-Butylbenzene

Concen: 5.42 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002132.D

Acq: 30 May 2018 09:32

Instrument :

MSVOA_X

ClientSampled :

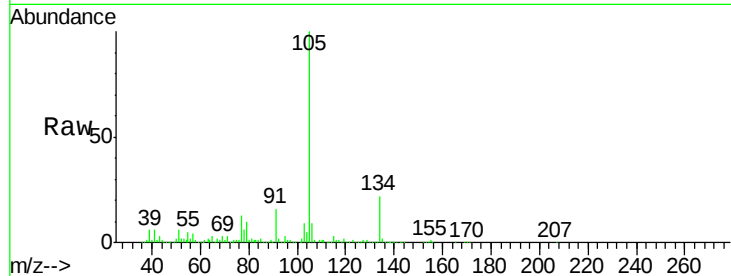
MW-36

Tot Ion:105 Resp: 118502

Ion Ratio Lower Upper

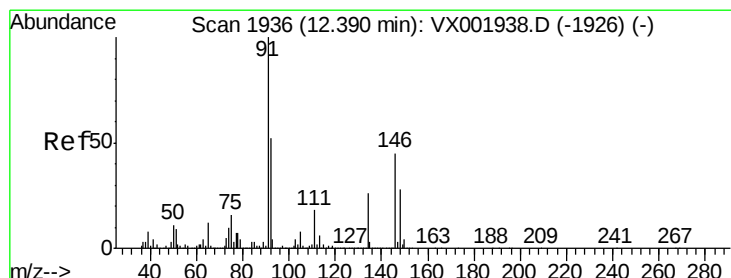
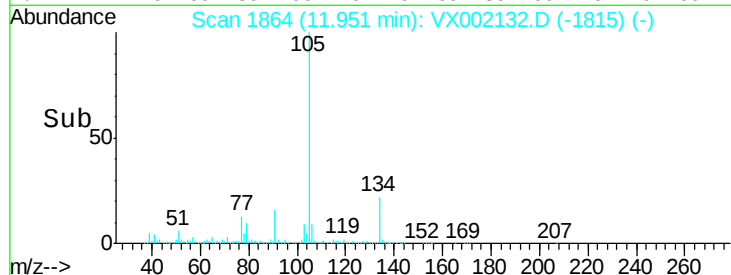
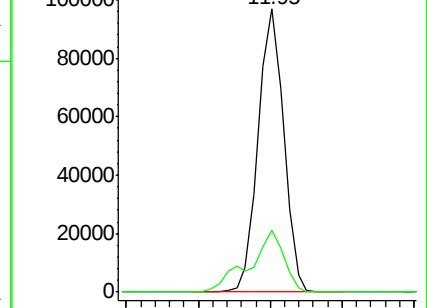
105 100

134 29.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 4.82 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002132.D

Acq: 30 May 2018 09:32

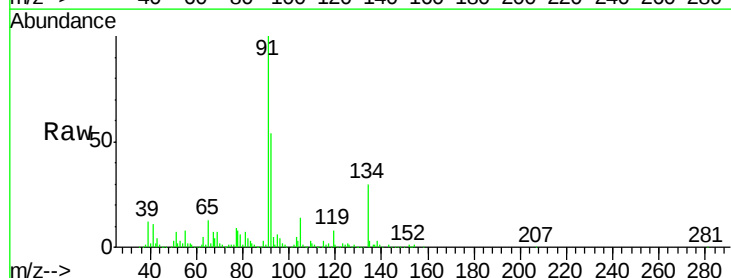
Tgt Ion: 91 Resp: 79890

Ion Ratio Lower Upper

91 100

92 42.9 26.3 78.9

134 52.6 13.6 40.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

