

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX002010.D
 Acq On : 26 May 2018 06:48
 Operator : JC/MD
 Sample : J3065-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-21

Quant Time: Jun 01 14:47:50 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

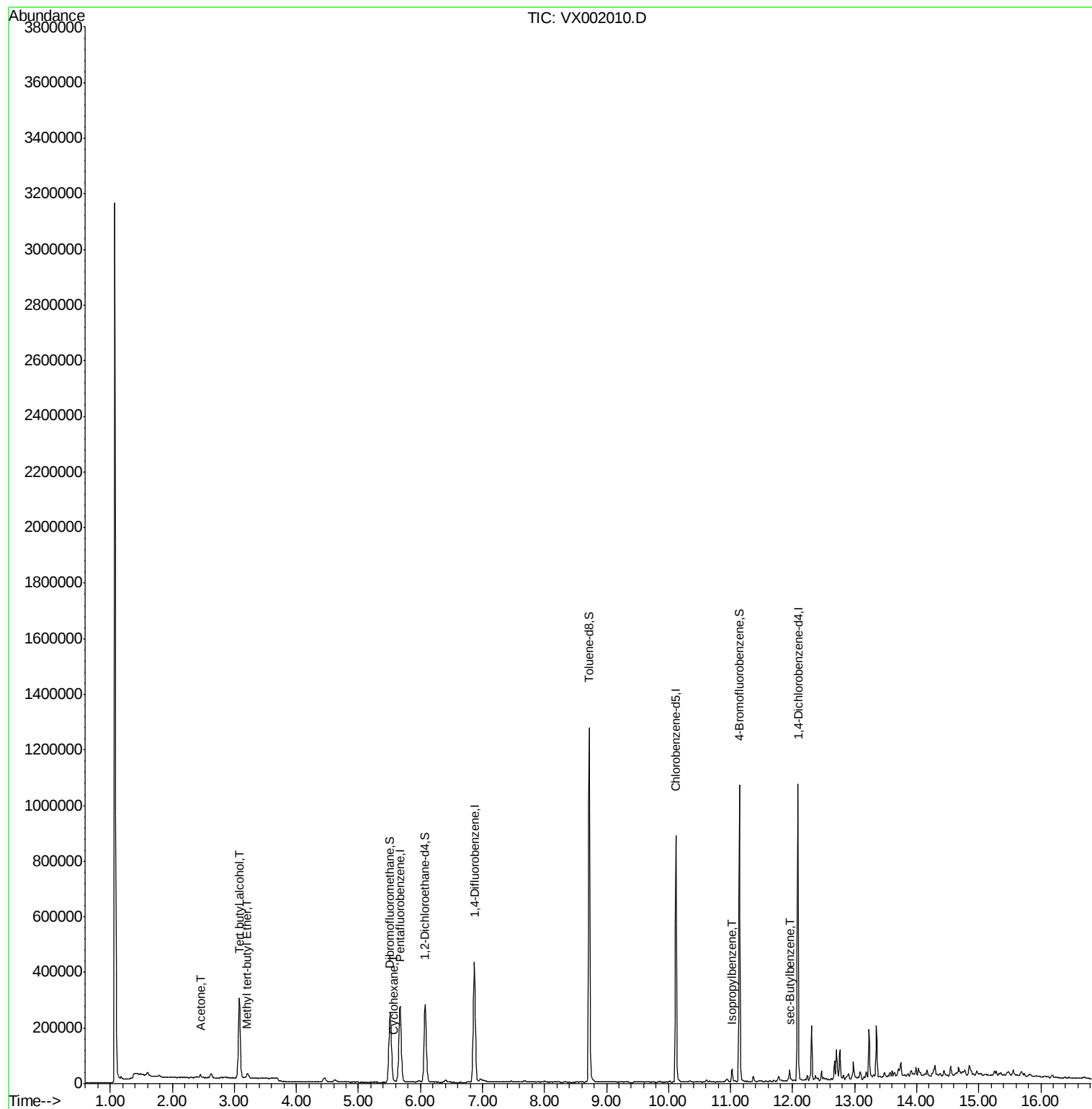
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	427142	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	396936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	264353	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	5.51	113	204536	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
50) Toluene-d8	8.72	98	736655	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
62) 4-Bromofluorobenzene	11.14	95	271392	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	
Target Compounds						
11) Tert butyl alcohol	3.08	59	358633	368.47	ug/l	99
16) Acetone	2.45	43	12527	6.55	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	17558	1.44	ug/l	100
31) Cyclohexane	5.57	56	2224	0.33	ug/l #	77
73) Isopropylbenzene	11.02	105	22101	1.20	ug/l	98
85) sec-Butylbenzene	11.95	105	17973	0.97	ug/l	93

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

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
Data File : VX002010.D
Acq On : 26 May 2018 06:48
Operator : JC/MD
Sample : J3065-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-21

Quant Time: Jun 01 14:47:50 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: VX002010.D

Acq: 26 May 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

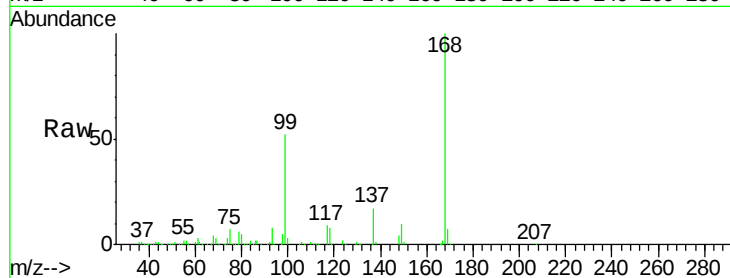
MW-21

Tot Ion:168 Resp: 277396

Ion Ratio Lower Upper

168 100

99 52.2 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

100000

80000

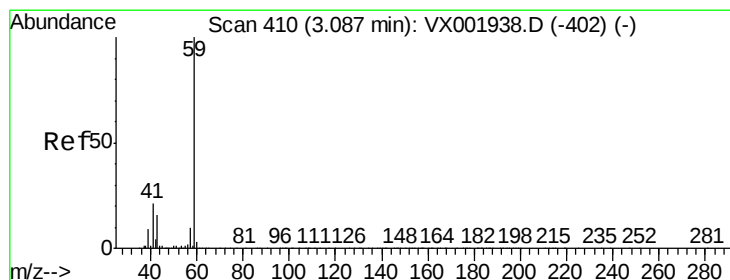
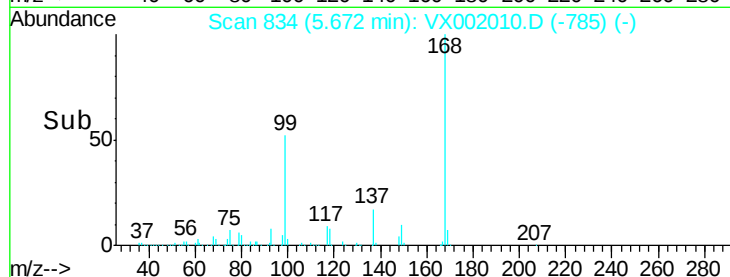
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 368.47 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX002010.D

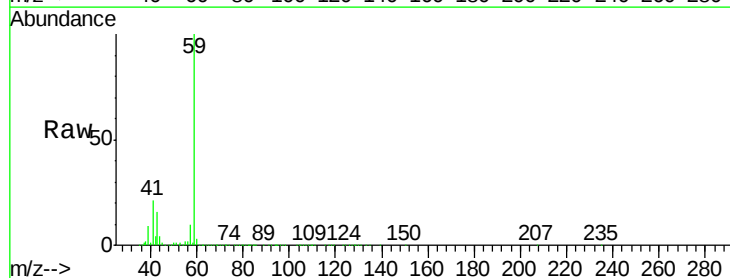
Acq: 26 May 2018 06:48

Tgt Ion: 59 Resp: 358633

Ion Ratio Lower Upper

59 100

57 10.7 8.9 13.3



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.08

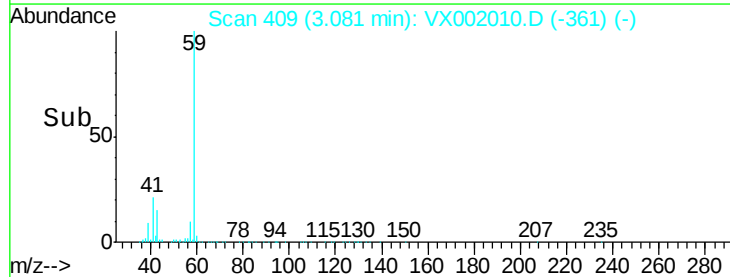
150000

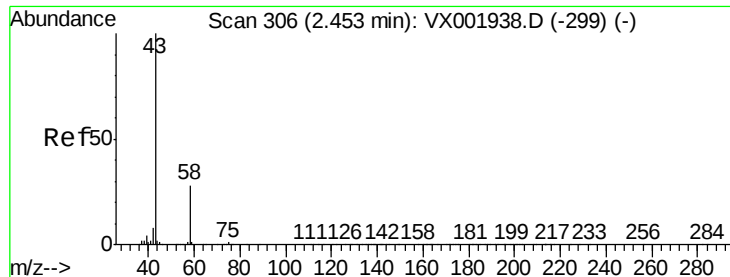
100000

50000

0

Time--> 2.90 3.00 3.10 3.20





#16

Acetone

Concen: 6.55 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002010.D

Acq: 26 May 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

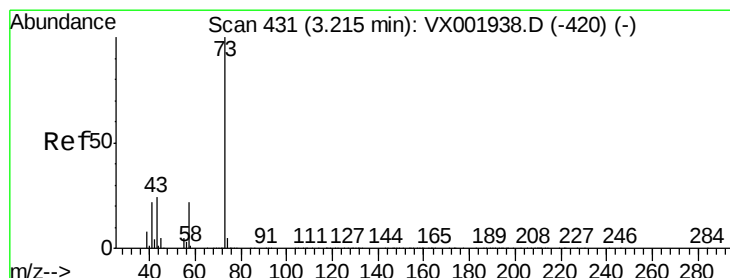
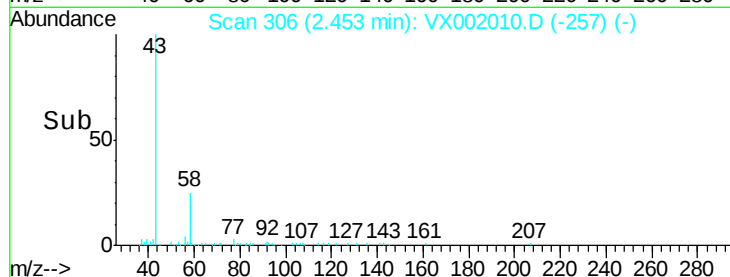
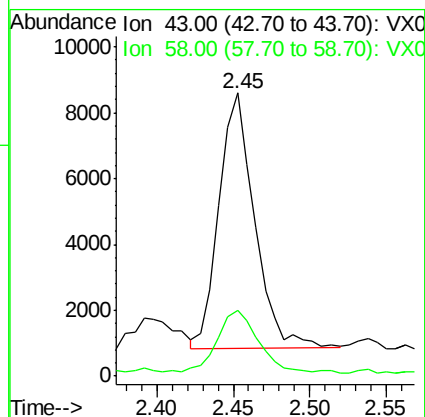
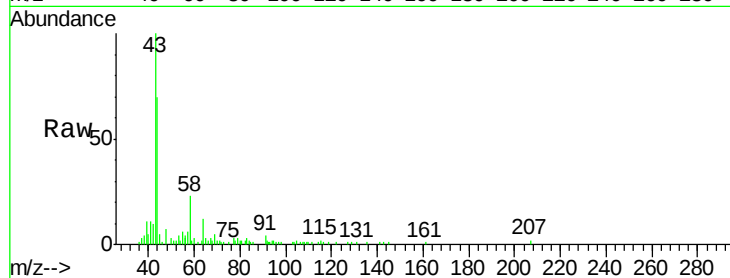
MW-21

Tot Ion: 43 Resp: 12527

Ion Ratio Lower Upper

43 100

58 24.7 22.3 33.5



#19

Methyl tert-butyl Ether

Concen: 1.44 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX002010.D

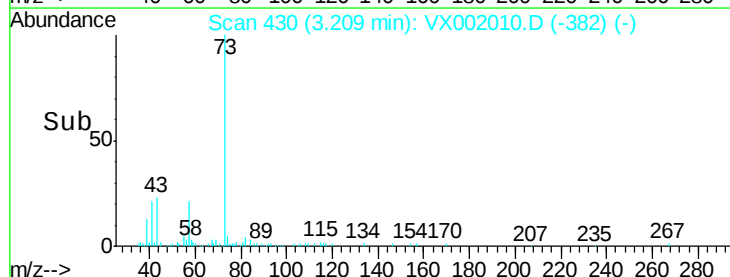
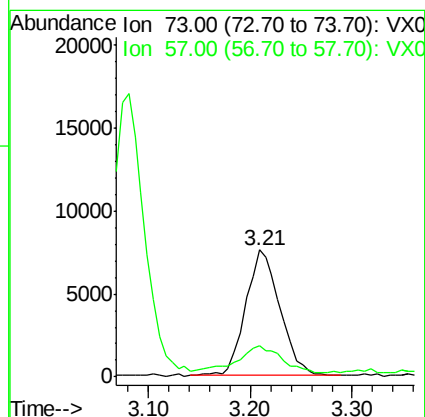
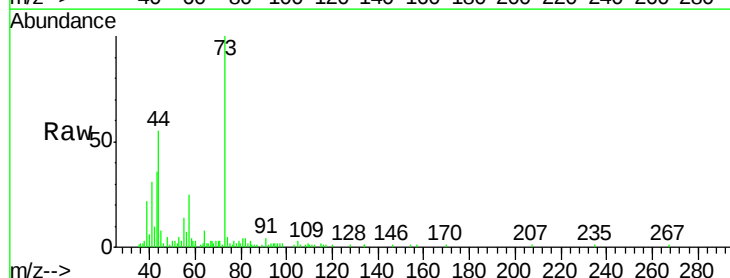
Acq: 26 May 2018 06:48

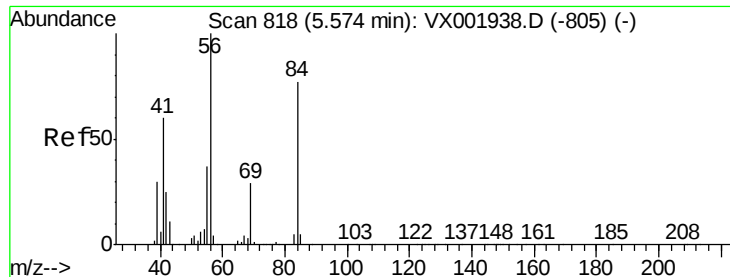
Tgt Ion: 73 Resp: 17558

Ion Ratio Lower Upper

73 100

57 21.5 17.4 26.0

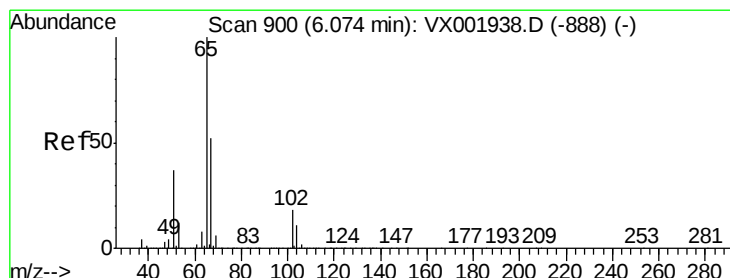
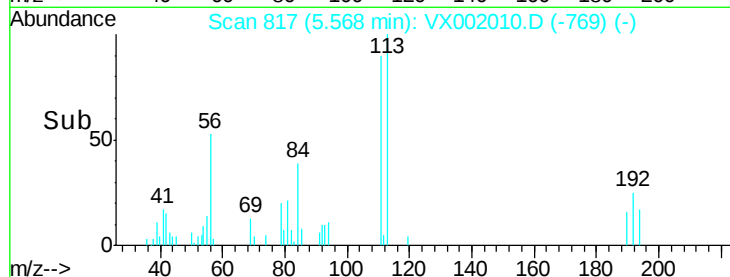
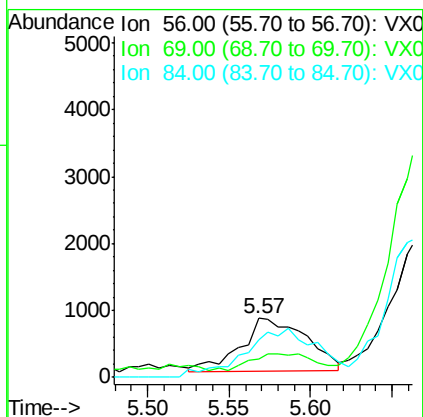
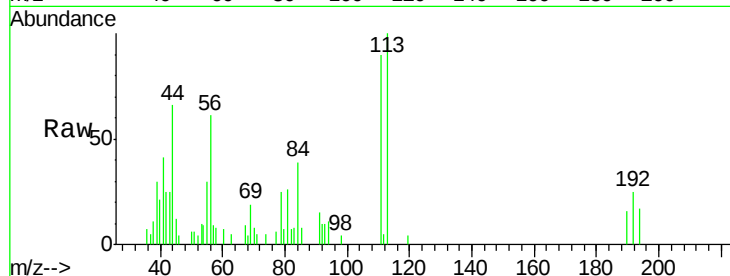




#31
Cyclohexane
Concen: 0.33 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

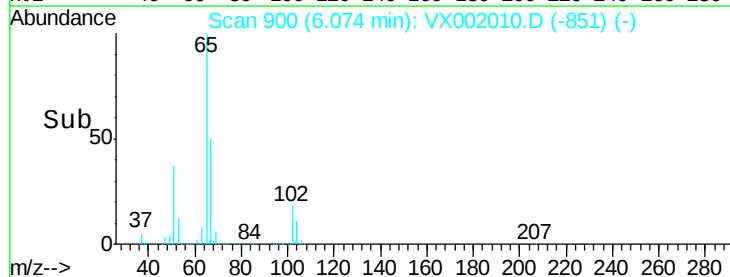
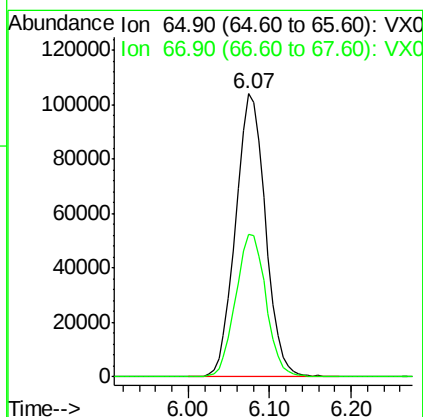
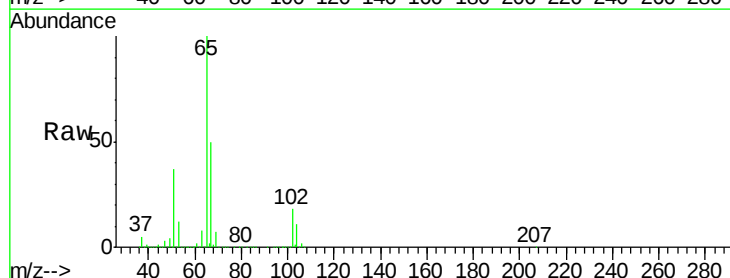
Instrument :
MSVOA_X
ClientSampleId :
MW-21

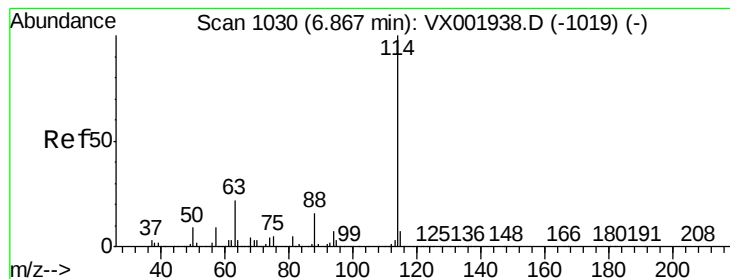
Tot Ion: 56 Resp: 2224
Ion Ratio Lower Upper
56 100
69 12.6 23.1 34.7#
84 60.4 62.0 93.0#



#33
1,2-Dichloroethane-d4
Concen: 53.31 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion: 65 Resp: 264353
Ion Ratio Lower Upper
65 100
67 51.5 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: VX002010.D

Acq: 26 May 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

MW-21

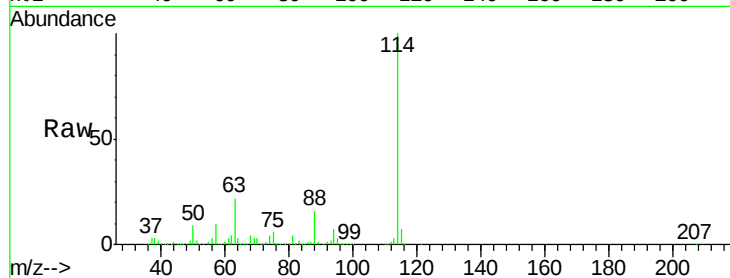
Tot Ion:114 Resp: 427142

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.2

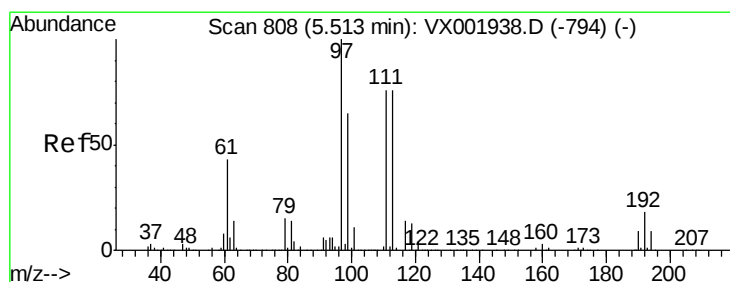
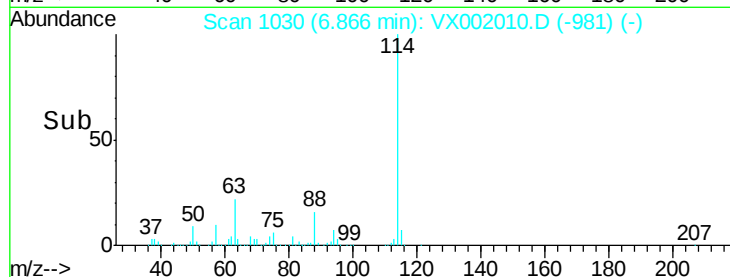
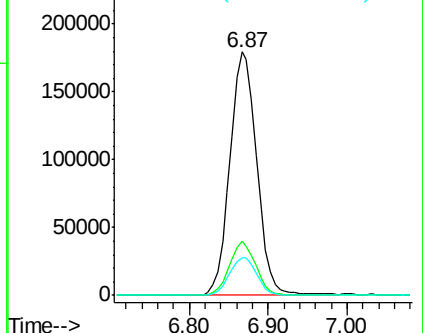
88 15.5 0.0 31.6



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: 47.88 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002010.D

Acq: 26 May 2018 06:48

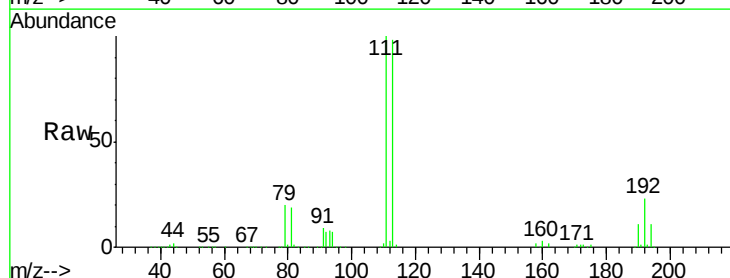
Tgt Ion:113 Resp: 204536

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

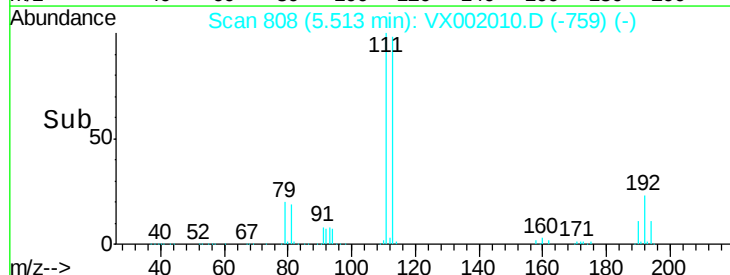
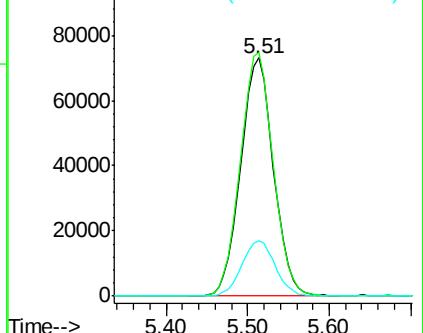
192 23.6 18.9 28.3

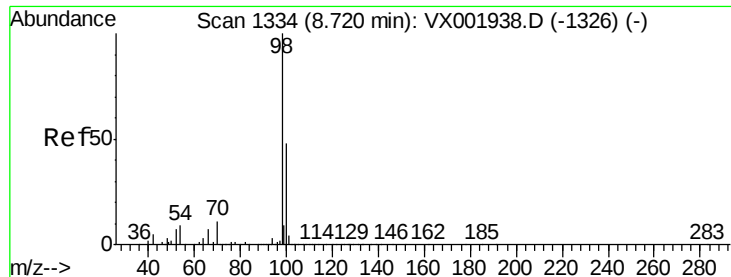


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.64 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002010.D

Acq: 26 May 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

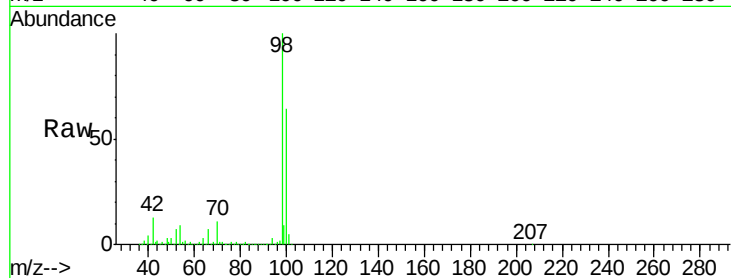
MW-21

Tot Ion: 98 Resp: 736655

Ion Ratio Lower Upper

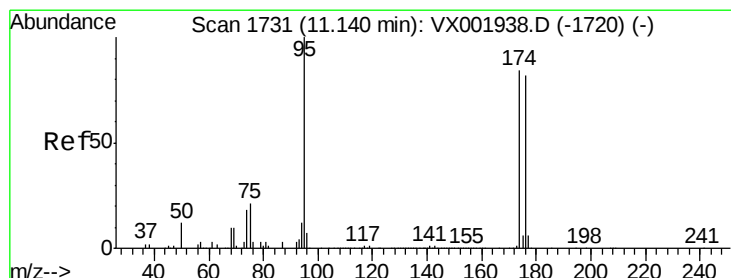
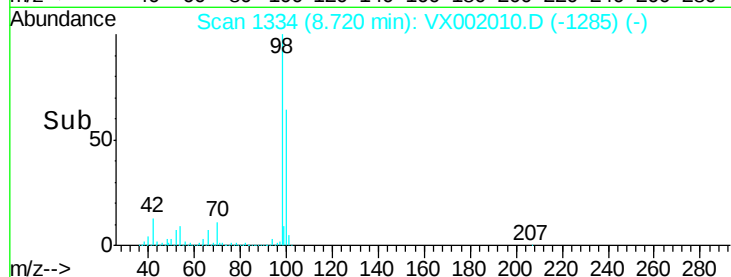
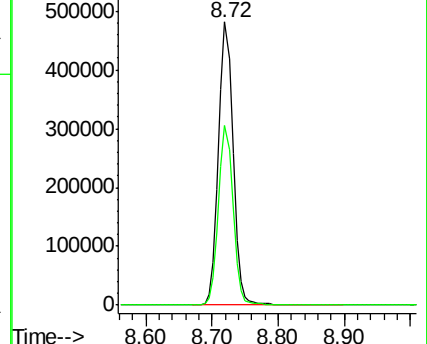
98 100

100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002010.D

Acq: 26 May 2018 06:48

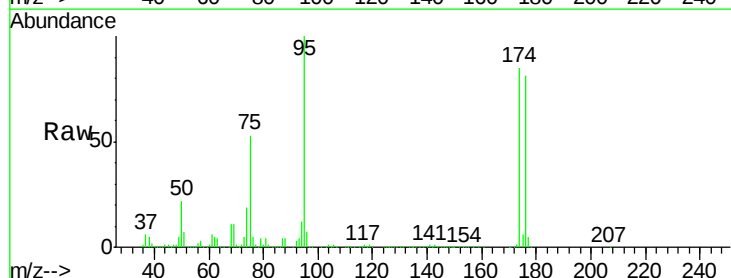
Tgt Ion: 95 Resp: 271392

Ion Ratio Lower Upper

95 100

174 91.6 0.0 178.8

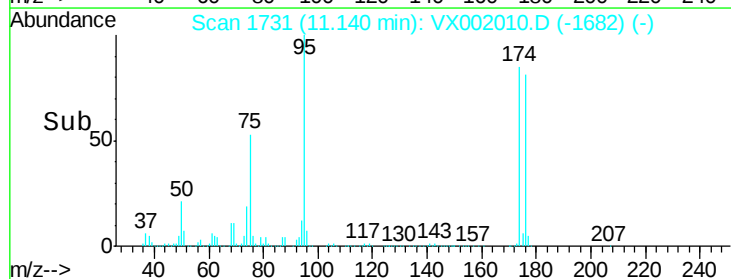
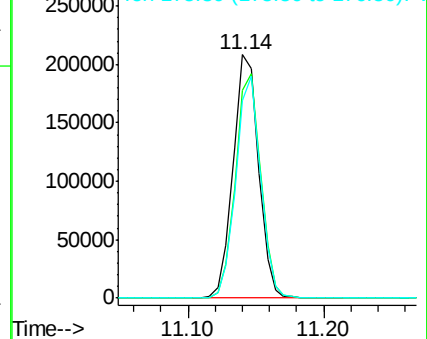
176 88.9 0.0 175.6

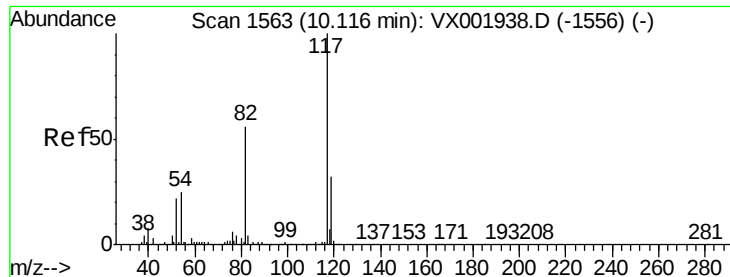


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

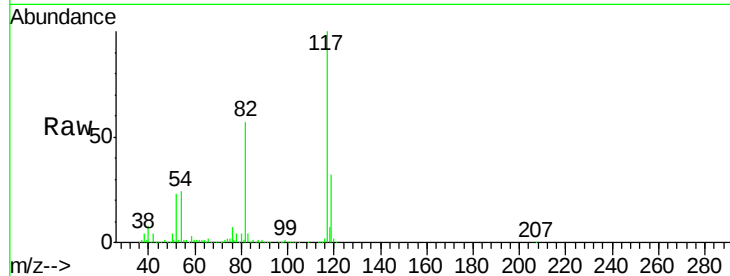




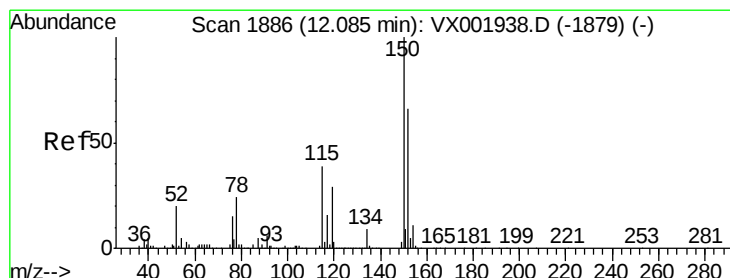
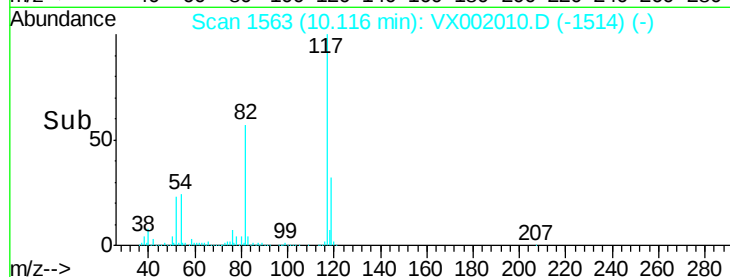
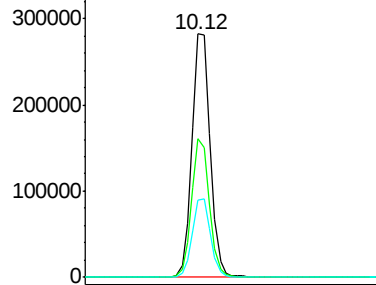
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :
MW-21

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.8	67.2
119	32.0	25.5	38.3

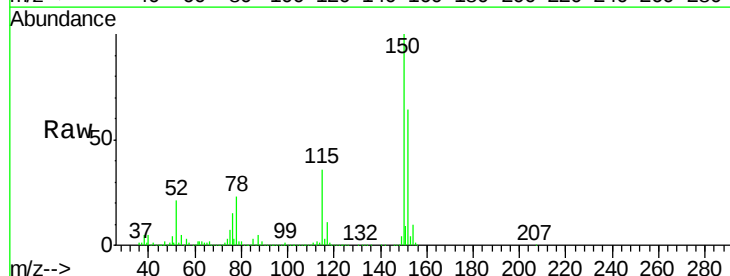


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

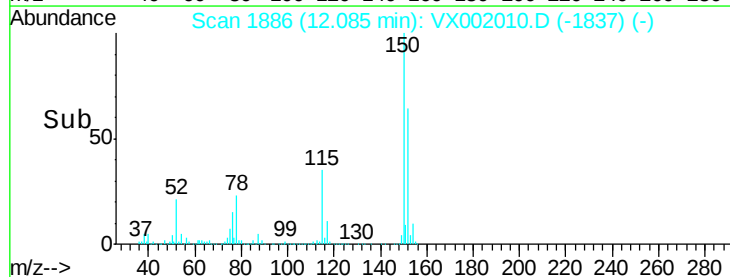
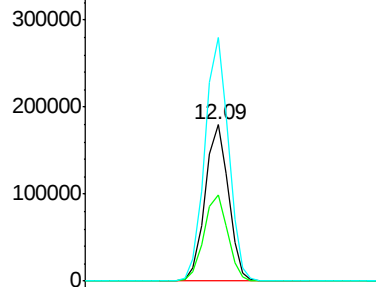


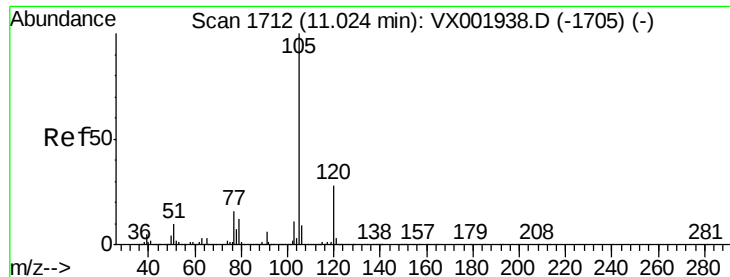
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002010.D
Acq: 26 May 2018 06:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	42.3	126.8
150	156.5	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: 1.20 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002010.D

Acq: 26 May 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

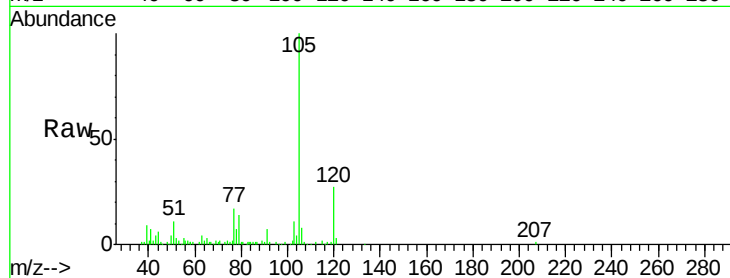
MW-21

Tot Ion:105 Resp: 22101

Ion Ratio Lower Upper

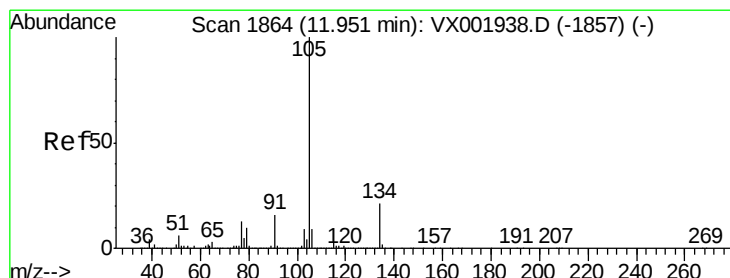
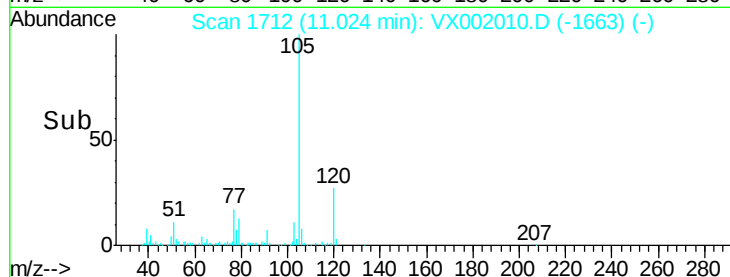
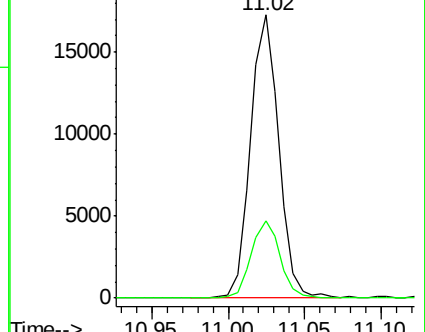
105 100

120 28.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.97 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002010.D

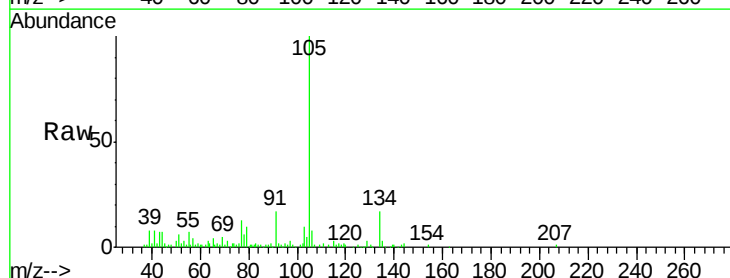
Acq: 26 May 2018 06:48

Tgt Ion:105 Resp: 17973

Ion Ratio Lower Upper

105 100

134 24.4 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

