

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002940.D
 Acq On : 27 Jun 2018 16:57
 Operator : JC/MD
 Sample : J3707-07 10X
 Misc : 6.04g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB488-33-35-180622

Quant Time: Jun 28 04:53:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

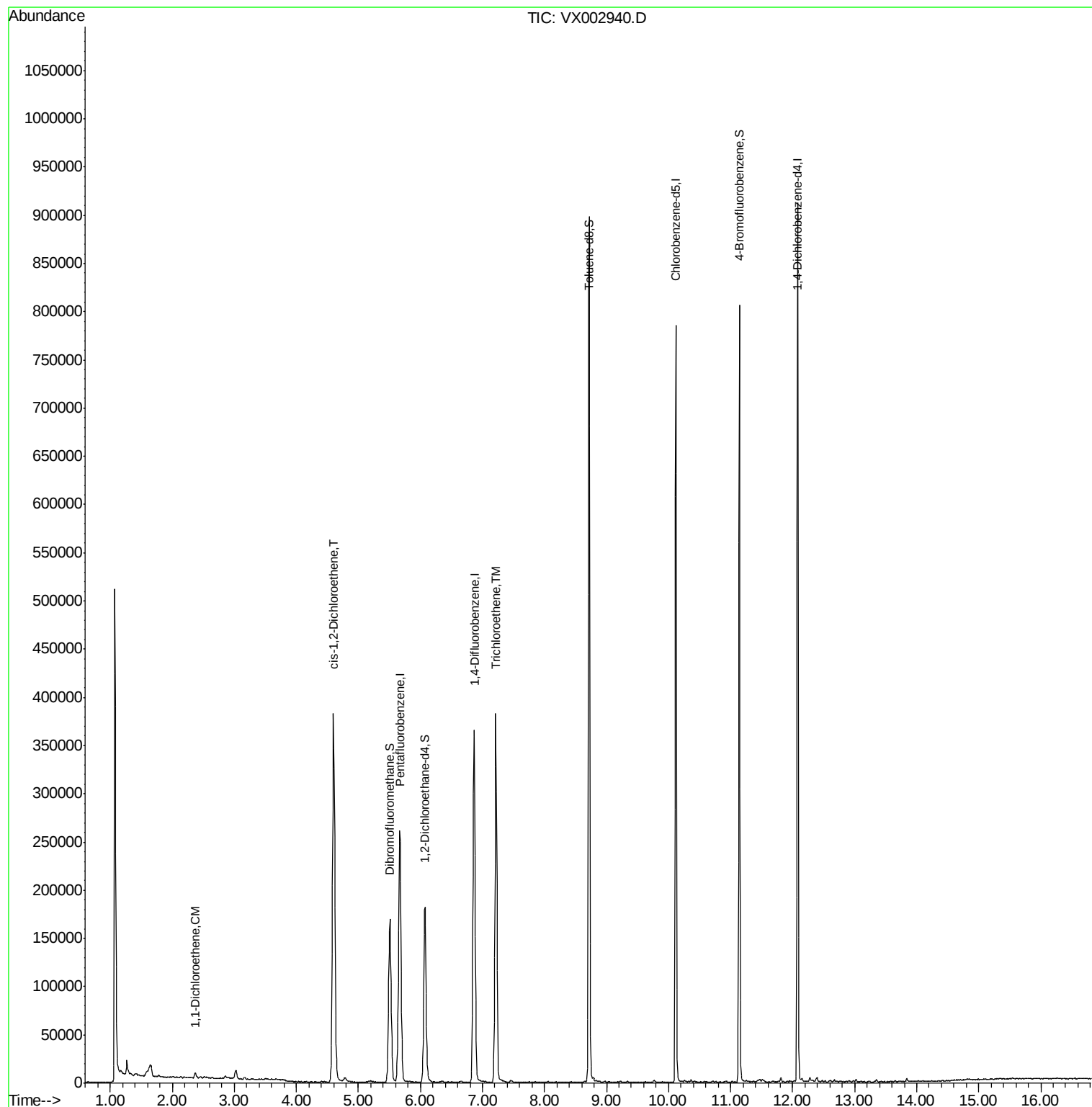
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365872	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	196408	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176920	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
35) Dibromofluoromethane	5.51	113	137570	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
50) Toluene-d8	8.72	98	520443	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.14	95	186829	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	2097	0.81	ug/l	# 80
27) cis-1,2-Dichloroethene	4.60	96	239910	75.86	ug/l	83
44) Trichloroethene	7.21	130	150413	43.28	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062718\
Data File : VX002940.D
Acq On : 27 Jun 2018 16:57
Operator : JC/MD
Sample : J3707-07 10X
Misc : 6.04µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP021SB488-33-35-180622

Quant Time: Jun 28 04:53:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX002940.D

Acq: 27 Jun 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

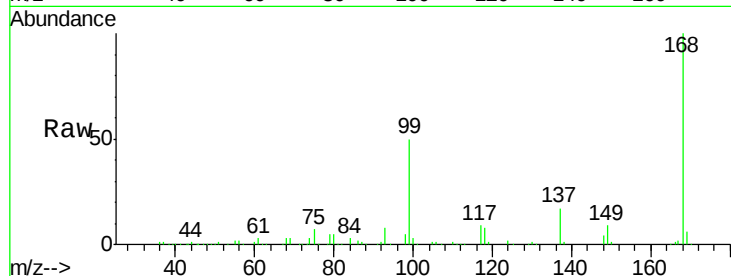
WP021SB488-33-35-180622

Tot Ion:168 Resp: 262602

Ion Ratio Lower Upper

168 100

99 49.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

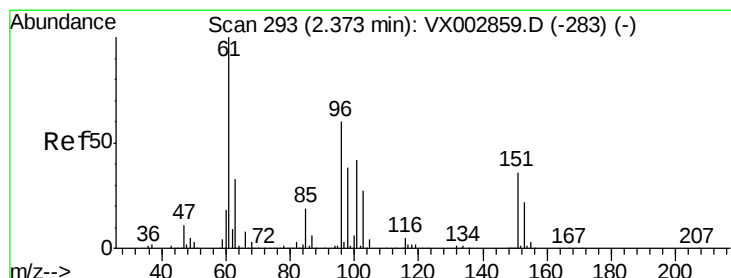
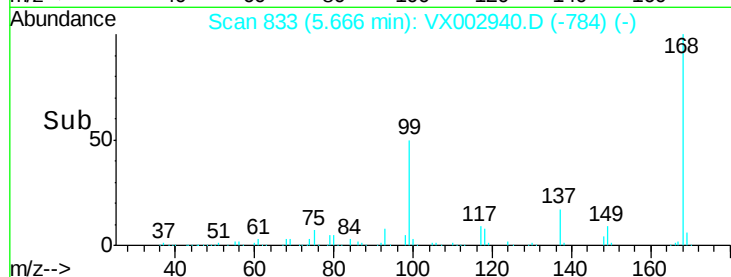
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#12

1,1-Dichloroethene

Concen: 0.81 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.01 min

Lab File: VX002940.D

Acq: 27 Jun 2018 16:57

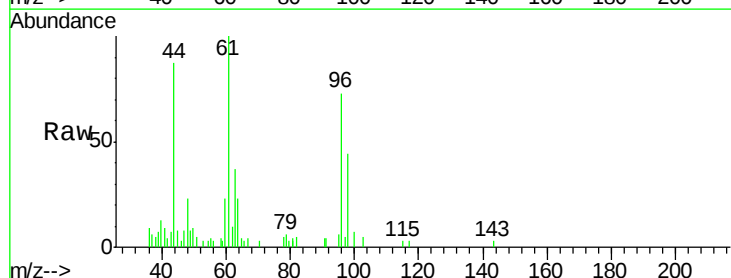
Tgt Ion: 96 Resp: 2097

Ion Ratio Lower Upper

96 100

61 137.0 137.9 206.9#

98 60.4 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2500

2000

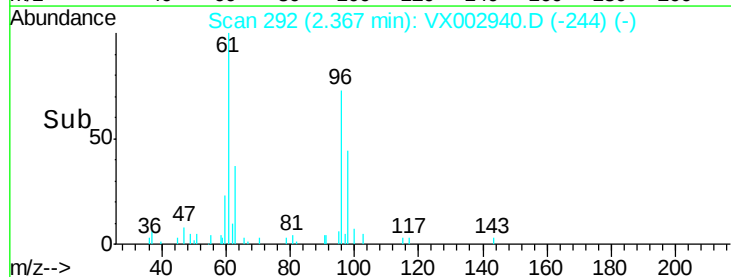
1500

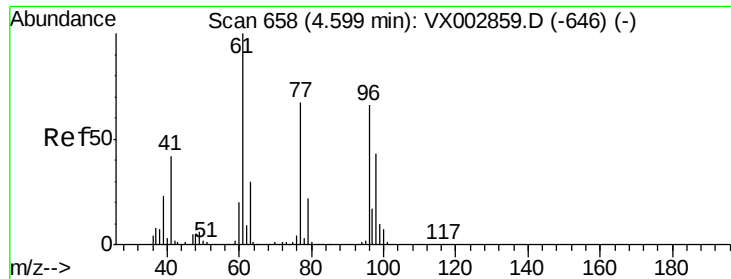
1000

500

0

Time--> 2.30 2.35 2.40 2.45





#27

cis-1,2-Dichloroethene

Concen: 75.86 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002940.D

Acq: 27 Jun 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

WP021SB488-33-35-180622

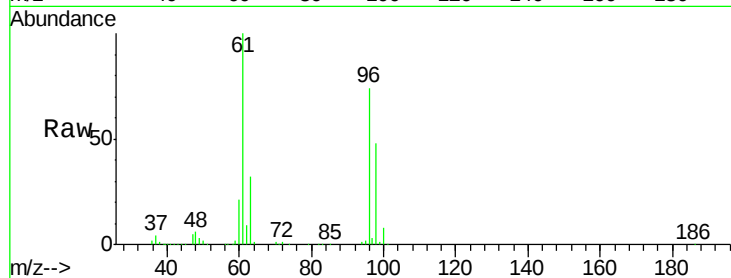
Tot Ion: 96 Resp: 239910

Ion Ratio Lower Upper

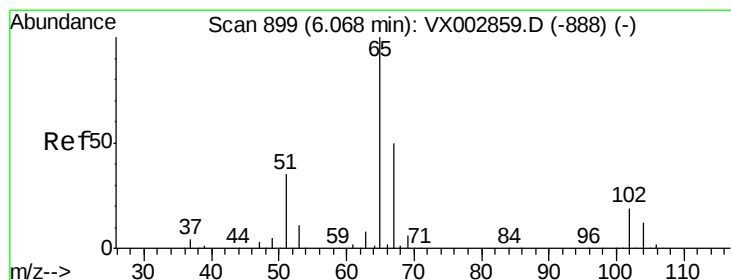
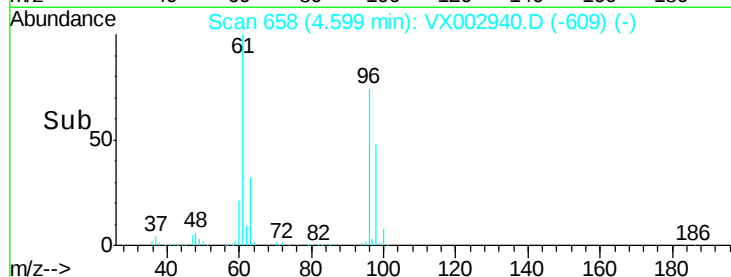
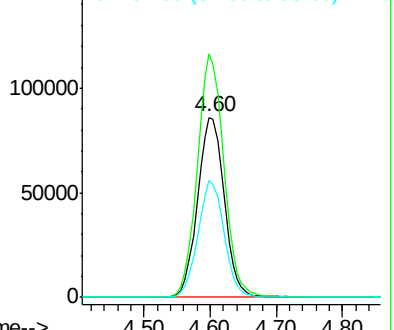
96 100

61 134.9 0.0 330.2

98 63.8 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.74 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002940.D

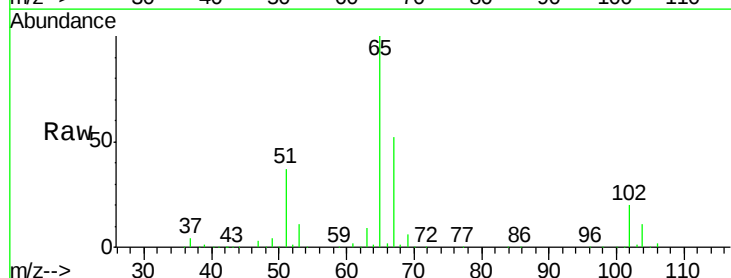
Acq: 27 Jun 2018 16:57

Tgt Ion: 65 Resp: 176920

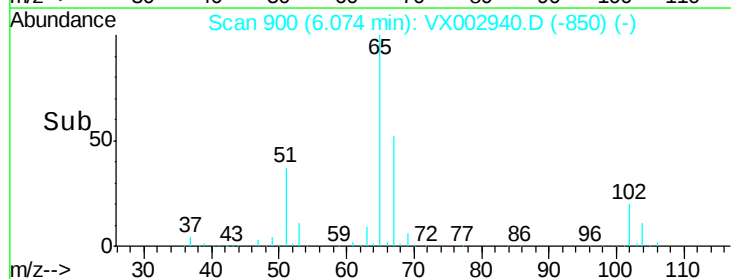
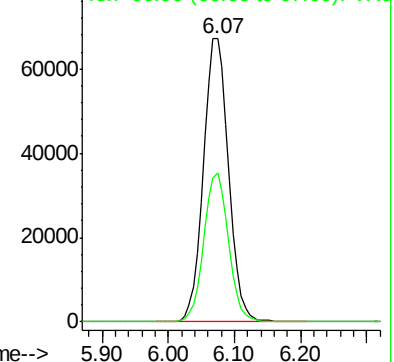
Ion Ratio Lower Upper

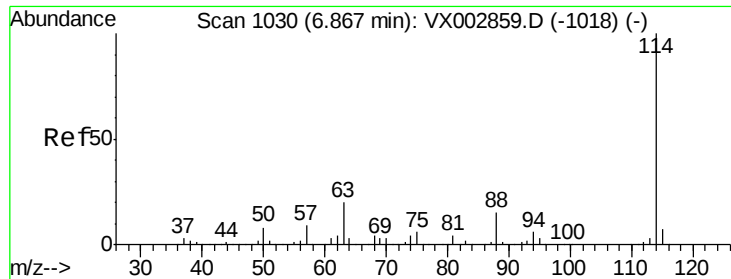
65 100

67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

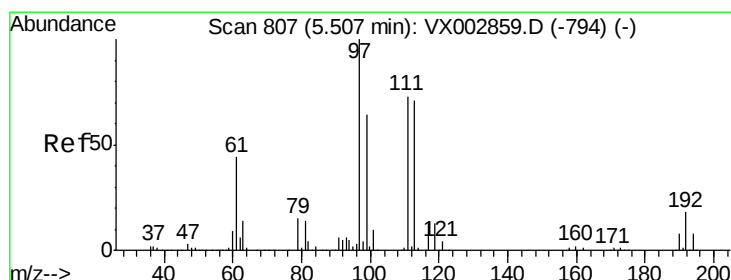
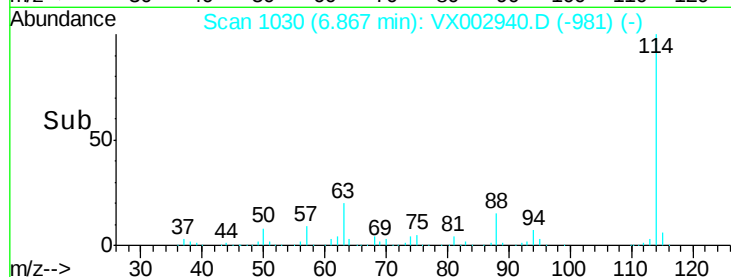
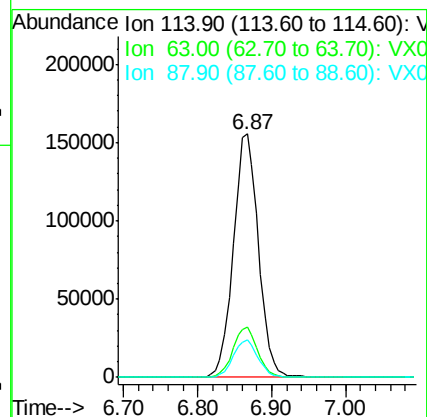
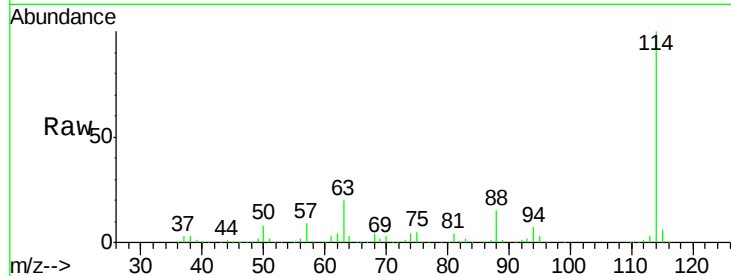




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002940.D
 Acq: 27 Jun 2018 16:57

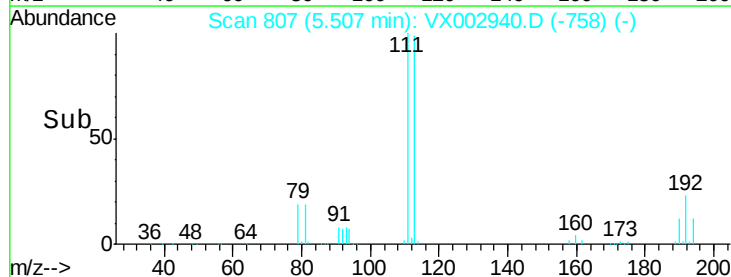
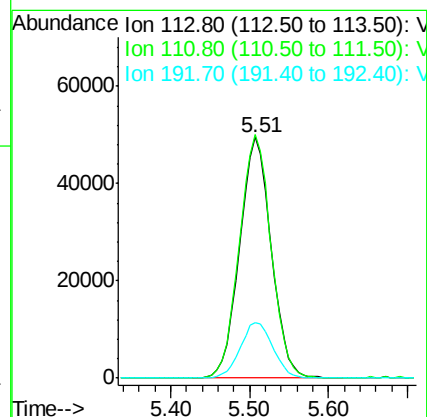
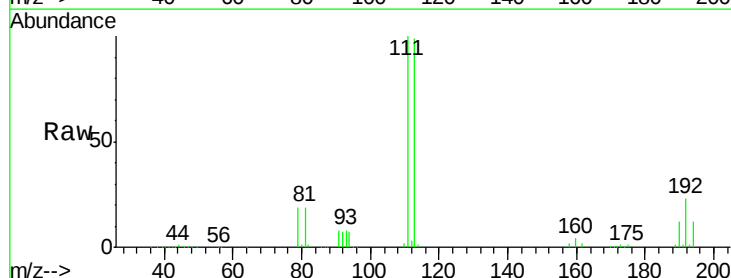
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB488-33-35-180622

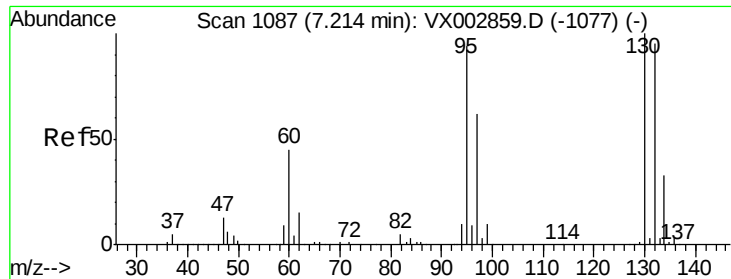
Tot Ion:114 Resp: 365872
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.2 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 47.48 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002940.D
 Acq: 27 Jun 2018 16:57

Tgt Ion:113 Resp: 137570
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.0
 192 24.0 19.1 28.7





#44

Trichloroethene

Concen: 43.28 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX002940.D

Acq: 27 Jun 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

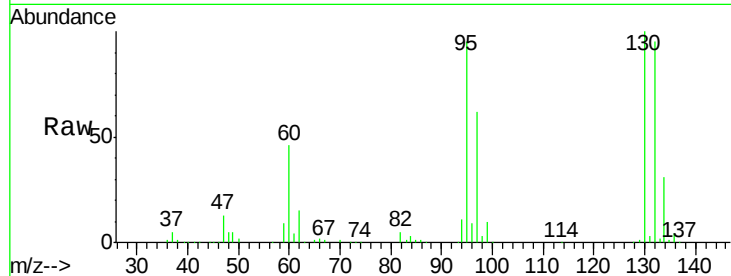
WP021SB488-33-35-180622

Tot Ion:130 Resp: 150413

Ion Ratio Lower Upper

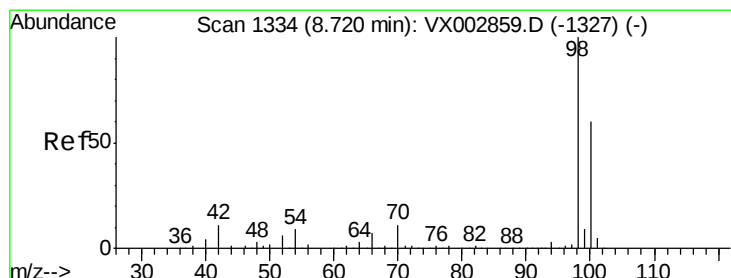
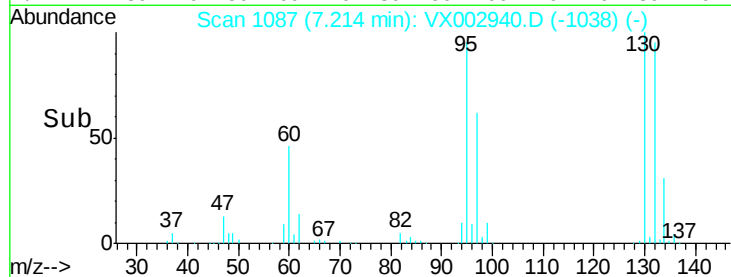
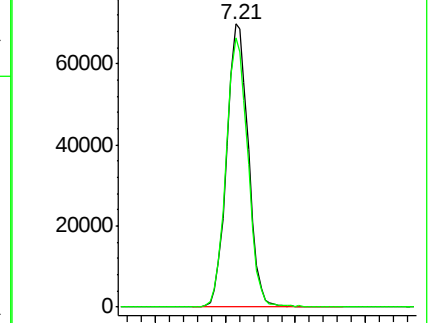
130 100

95 95.1 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.19 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002940.D

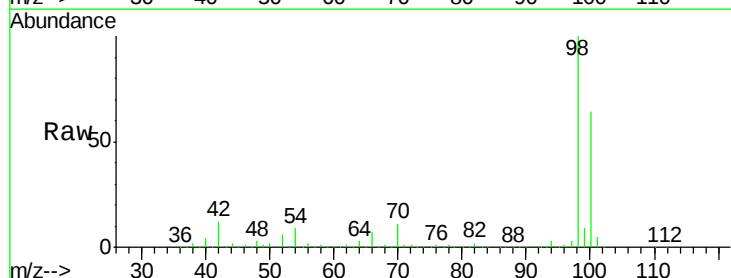
Acq: 27 Jun 2018 16:57

Tgt Ion: 98 Resp: 520443

Ion Ratio Lower Upper

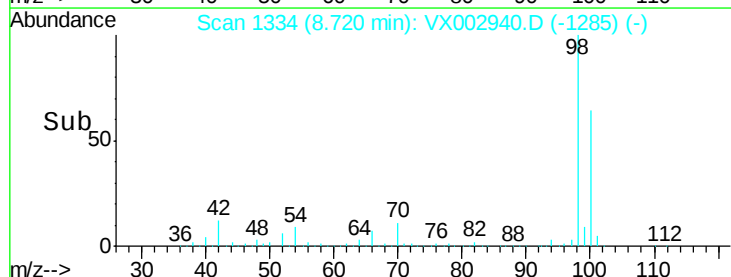
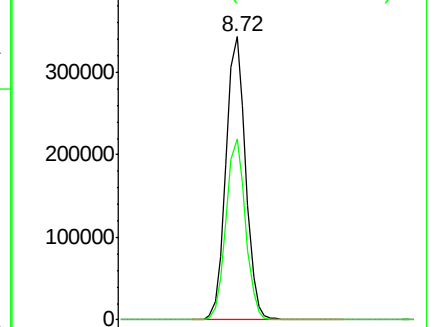
98 100

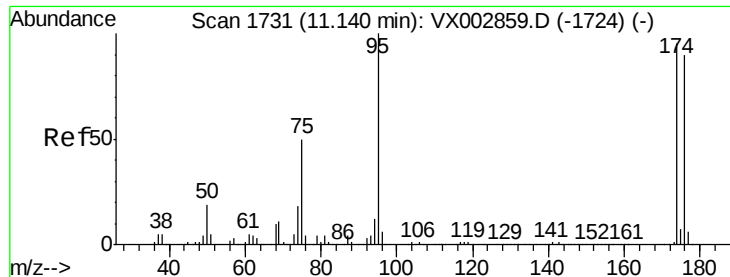
100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

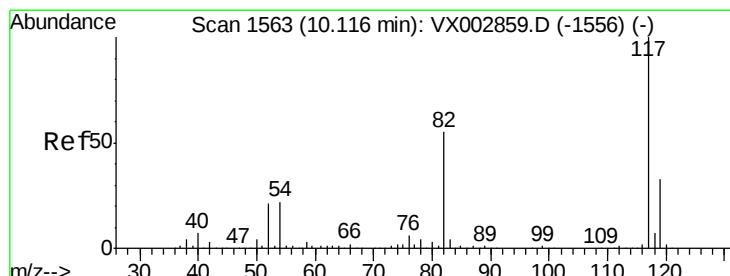
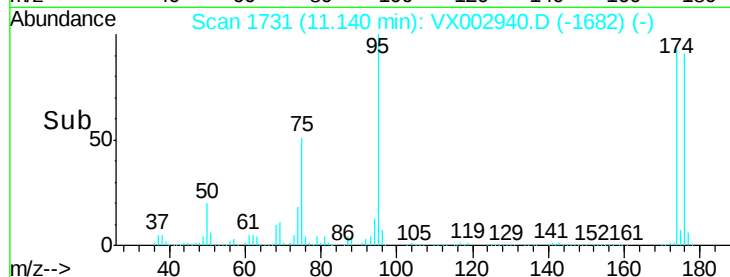
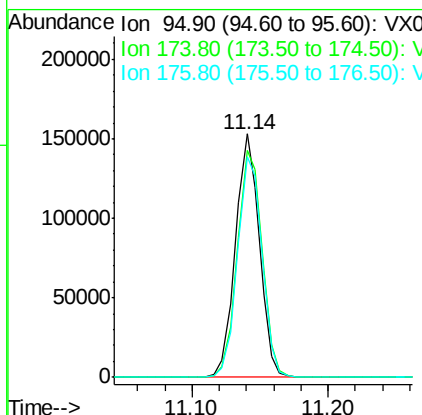
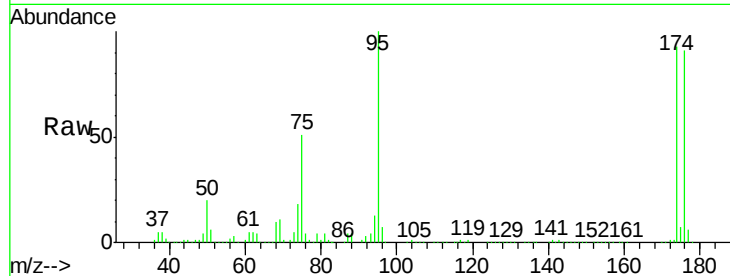




#62
4-Bromofluorobenzene
Concen: 45.79 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002940.D
Acq: 27 Jun 2018 16:57

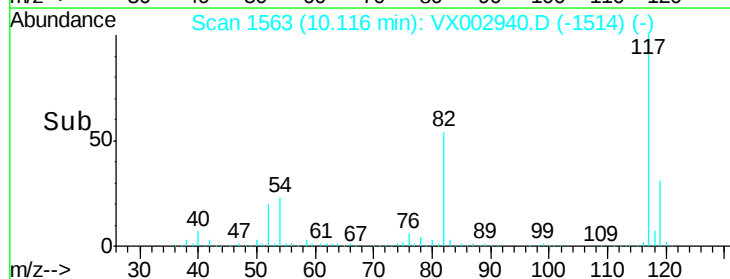
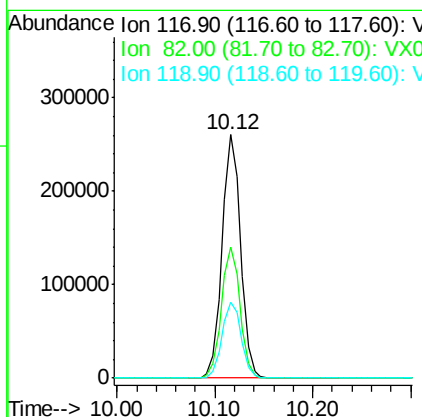
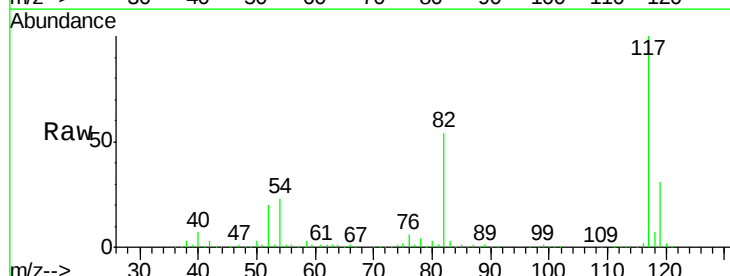
Instrument :
MSVOA_X
ClientSampleId :
WP021SB488-33-35-180622

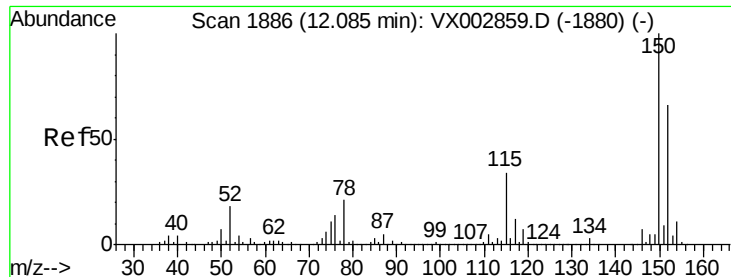
Tot Ion	95	Resp	186829
Ion Ratio	Lower	Upper	
95	100		
174	97.1	0.0	187.4
176	93.4	0.0	181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002940.D
Acq: 27 Jun 2018 16:57

Tgt Ion	117	Resp	342985
Ion Ratio	Lower	Upper	
117	100		
82	53.7	45.0	67.4
119	31.3	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002940.D

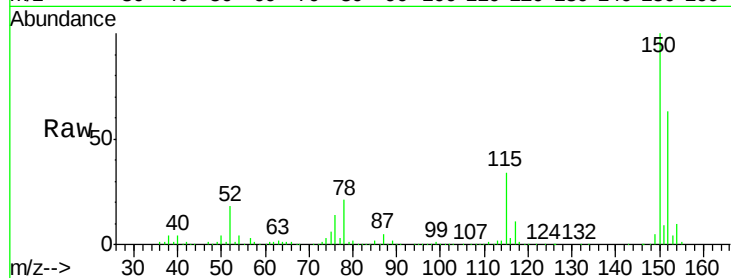
Acq: 27 Jun 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

WP021SB488-33-35-180622



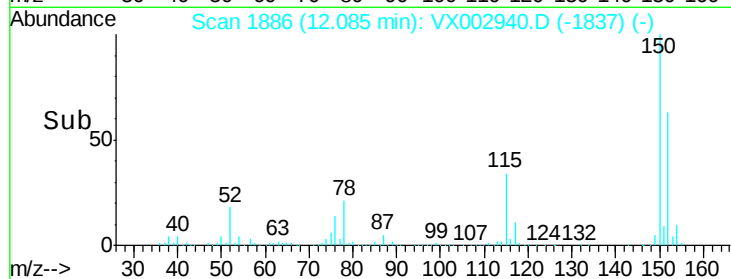
Tot Ion:152 Resp: 196408

Ion Ratio Lower Upper

152 100

115 55.9 40.1 120.2

150 157.5 0.0 347.2



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

