

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002916.D
 Acq On : 27 Jun 2018 01:29
 Operator : JC/MD
 Sample : J3707-10 50X
 Misc : 5.68g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-17-19-180622

Quant Time: Jun 27 04:40:34 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

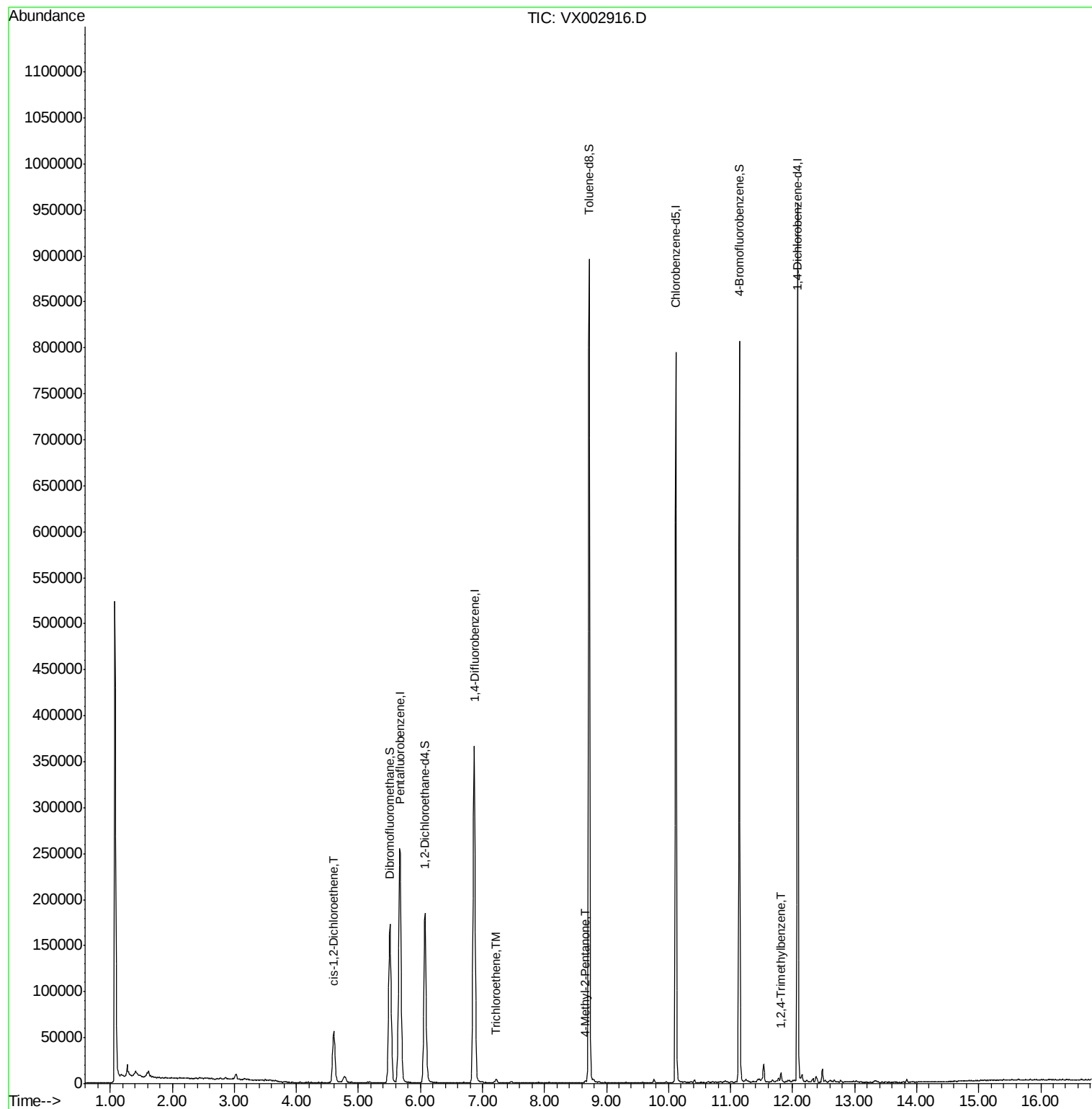
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194124	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	175977	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	5.51	113	140219	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
50) Toluene-d8	8.72	98	518266	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.14	95	184582	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	33778	10.92	ug/l	95
44) Trichloroethene	7.21	130	1262	0.37	ug/l	77
51) 4-Methyl-2-Pentanone	8.66	43	1199	0.27	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	4051	0.36	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX002916.D

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MSVOA_X

ClientSampleId :

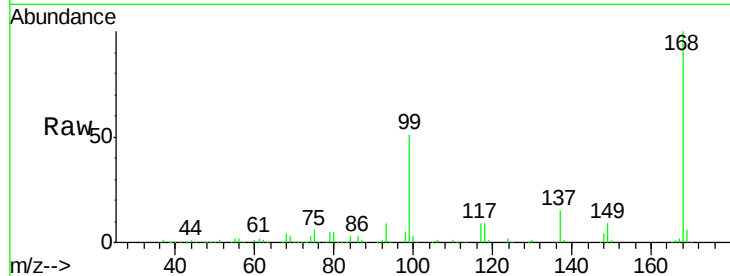
WP021SB480-17-19-180622

Tot Ion:168 Resp: 256887

Ion Ratio Lower Upper

168 100

99 50.7 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

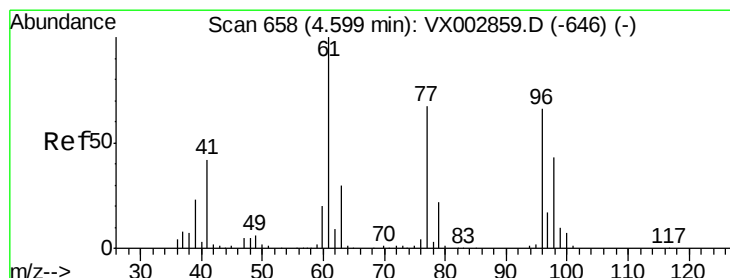
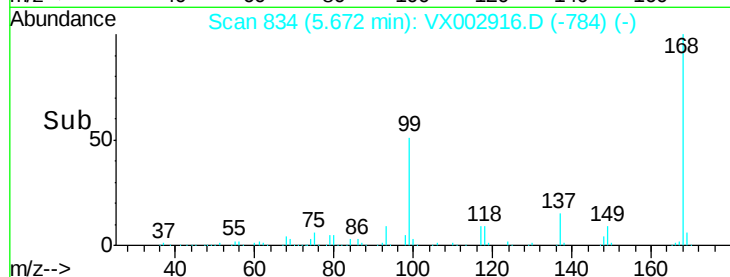
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 10.92 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002916.D

Acq: 27 Jun 2018 01:29

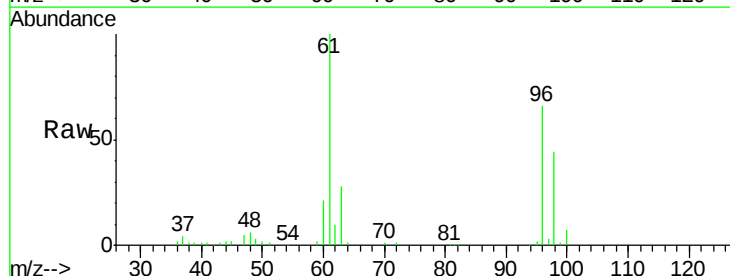
Tgt Ion: 96 Resp: 33778

Ion Ratio Lower Upper

96 100

61 155.6 0.0 330.2

98 63.9 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

25000

20000

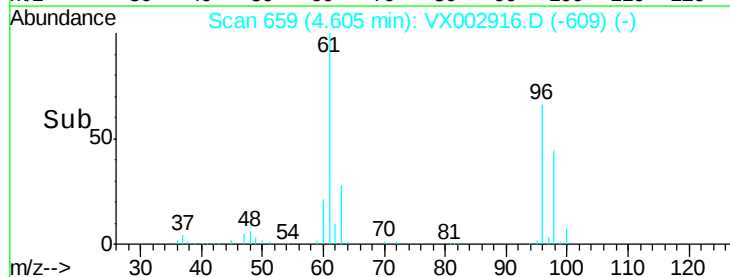
15000

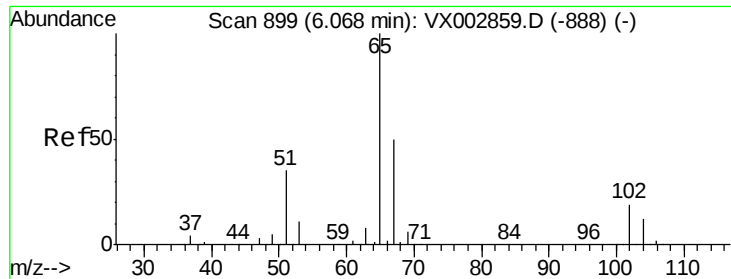
10000

5000

0

Time--> 4.50 4.60 4.70

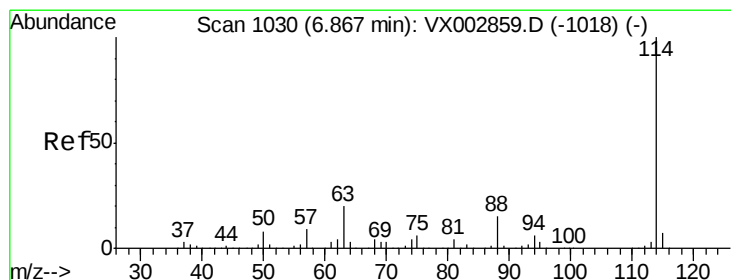
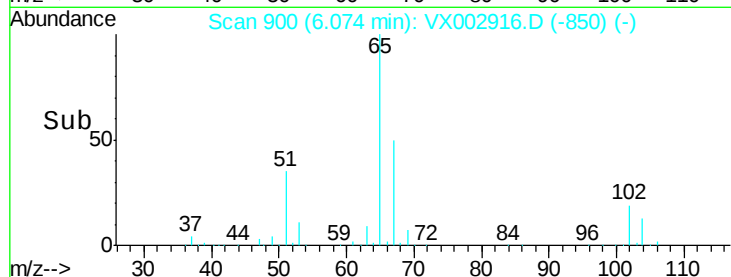
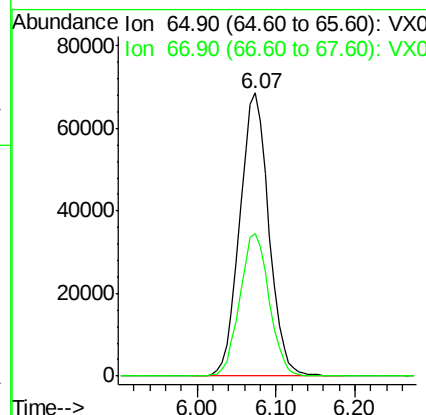
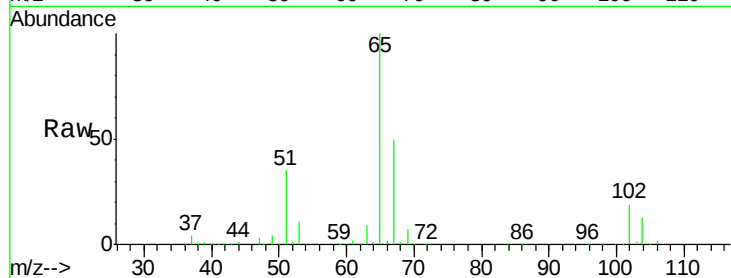




#33
 1,2-Dichloroethane-d4
 Concen: 49.56 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002916.D
 Acq: 27 Jun 2018 01:29

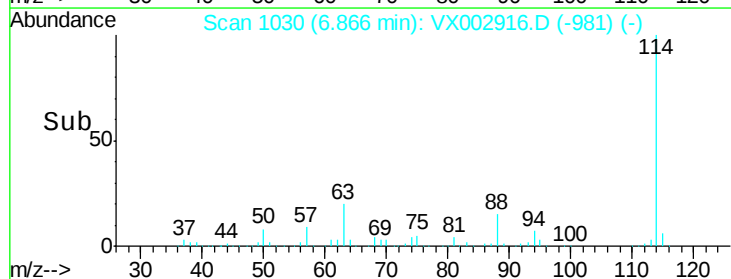
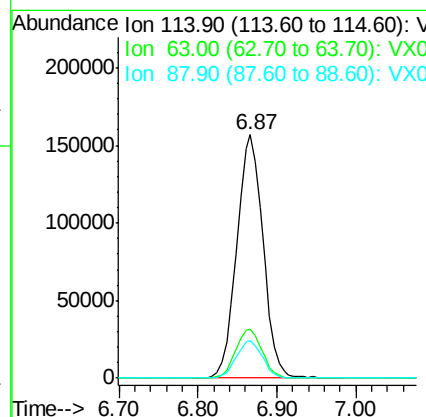
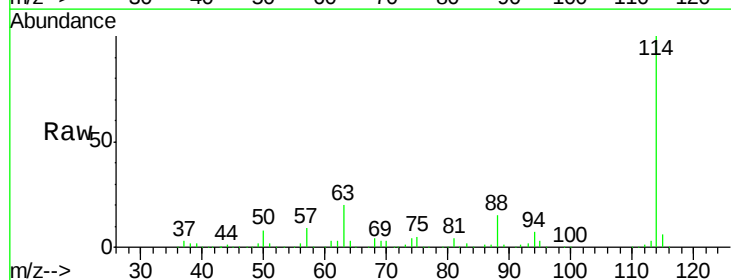
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-17-19-180622

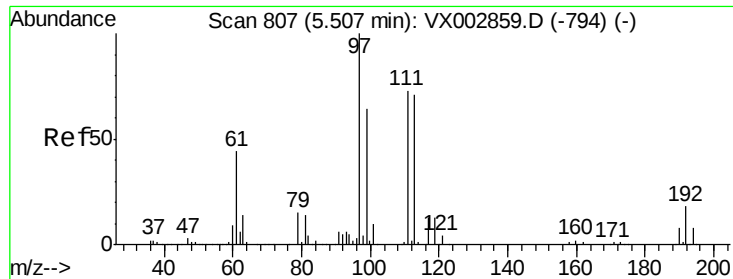
Tot Ion: 65 Resp: 175977
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002916.D
 Acq: 27 Jun 2018 01:29

Tgt Ion: 114 Resp: 363030
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 15.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.77 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002916.D

Acq: 27 Jun 2018 01:29

Instrument :

MSVOA_X

ClientSampleId :

WP021SB480-17-19-180622

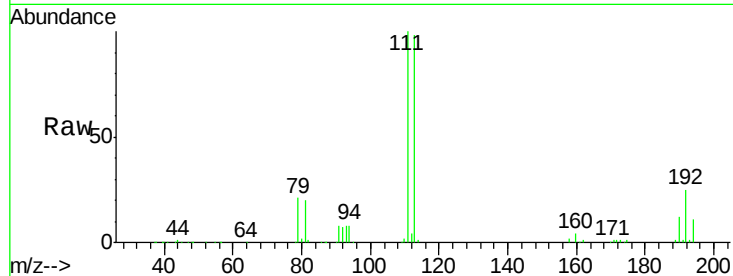
Tot Ion:113 Resp: 140219

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

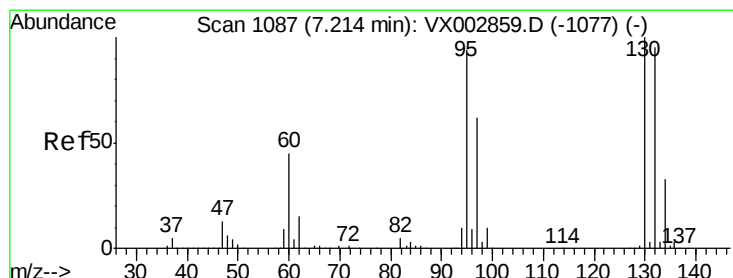
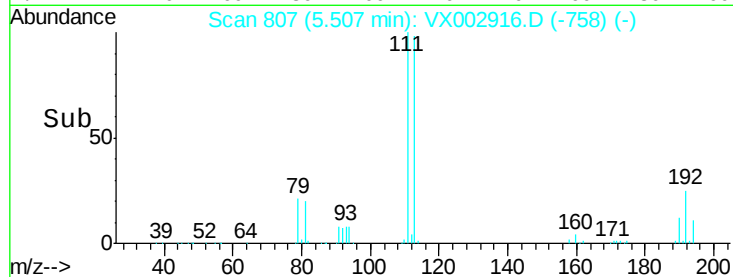
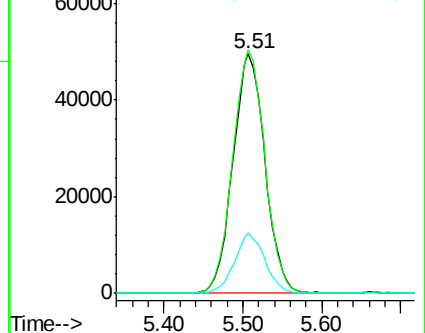
192 24.0 19.1 28.7



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: 0.37 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002916.D

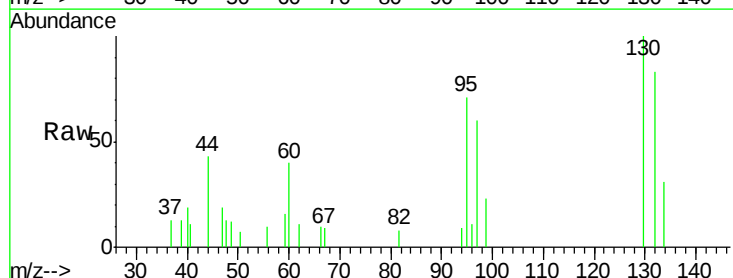
Acq: 27 Jun 2018 01:29

Tgt Ion:130 Resp: 1262

Ion Ratio Lower Upper

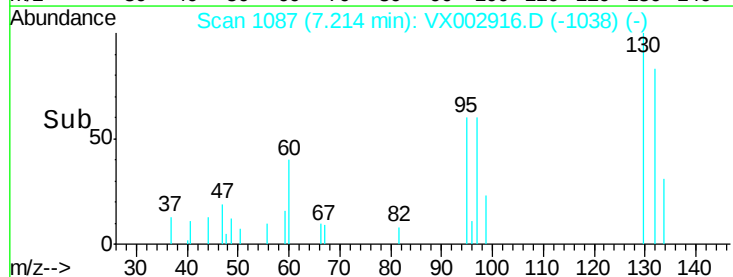
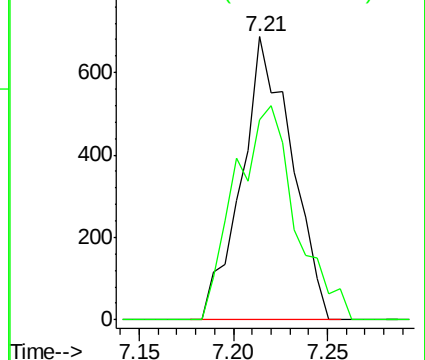
130 100

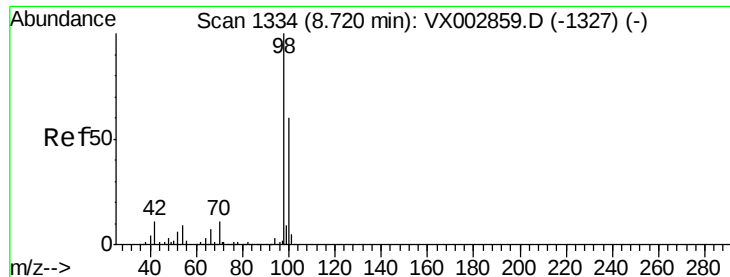
95 70.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

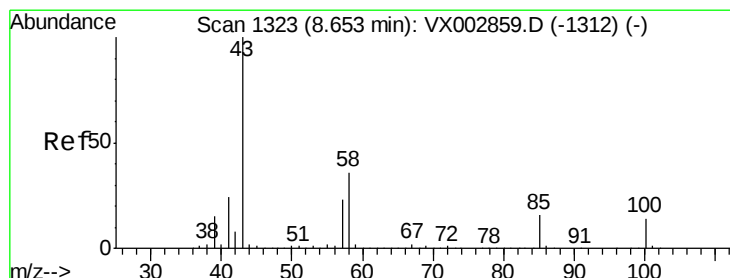
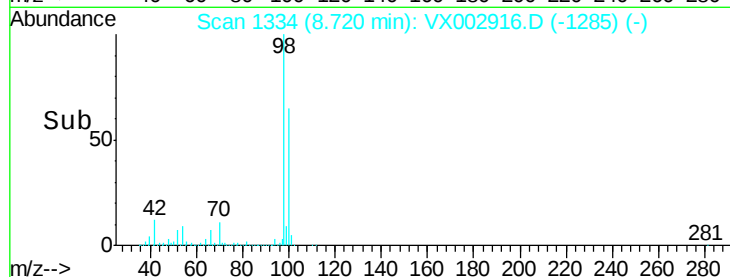
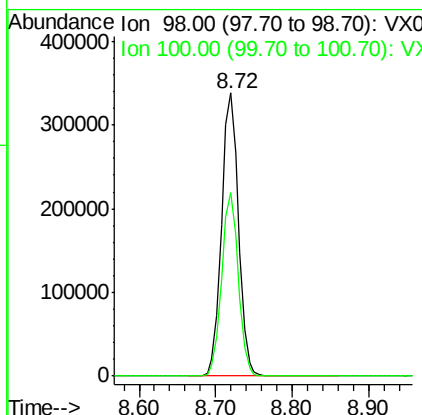
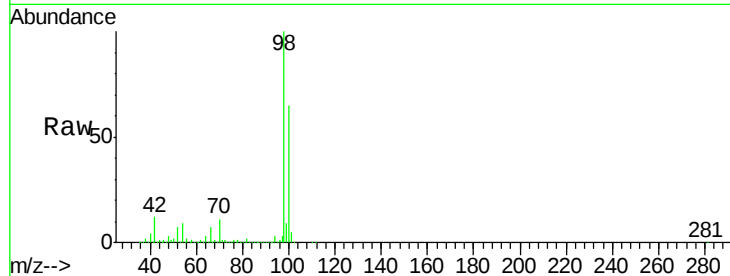




#50
Toluene-d8
Concen: 49.37 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002916.D
Acq: 27 Jun 2018 01:29

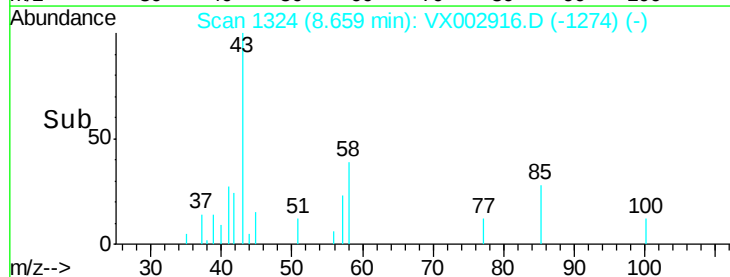
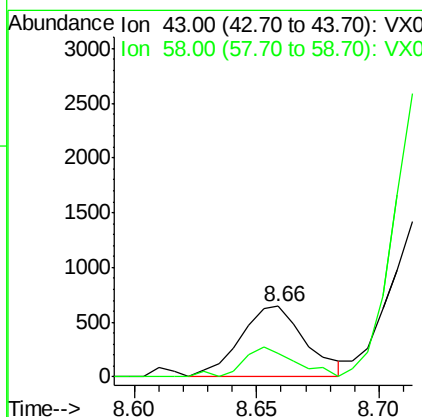
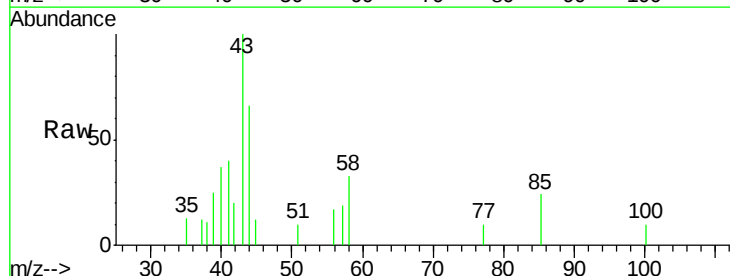
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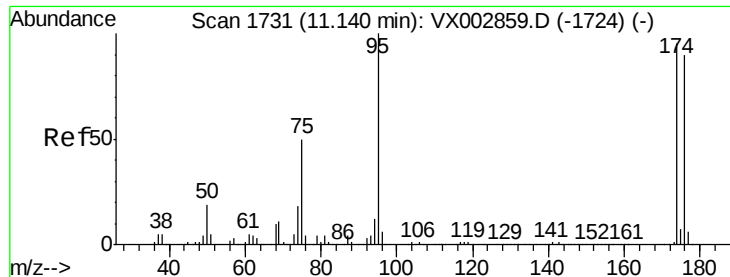
Tot Ion: 98 Resp: 518266
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.27 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002916.D
Acq: 27 Jun 2018 01:29

Tgt Ion: 43 Resp: 1199
Ion Ratio Lower Upper
43 100
58 33.4 28.6 42.8

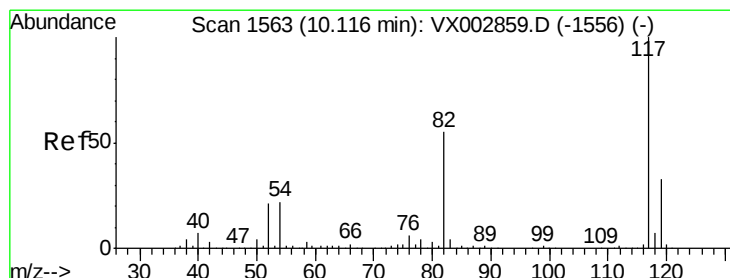
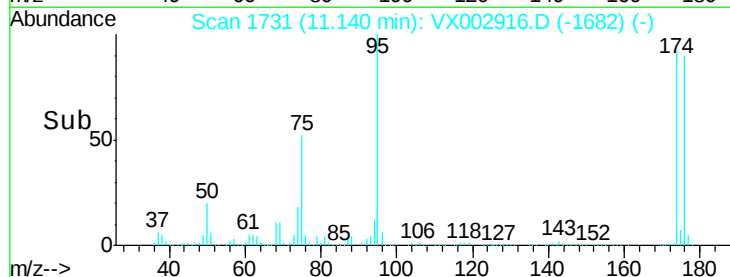
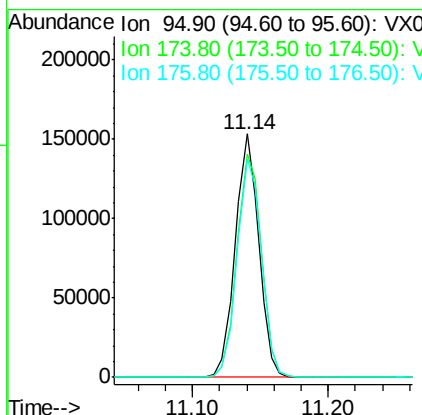
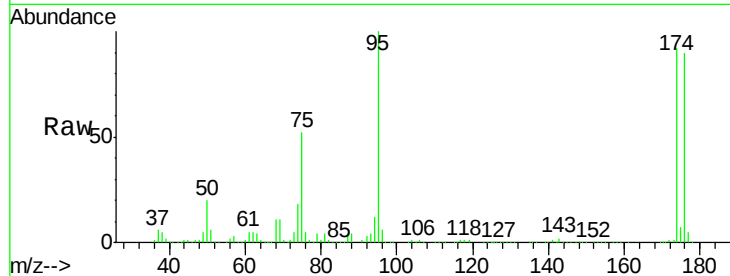




#62
4-Bromofluorobenzene
Concen: 45.59 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002916.D
Acq: 27 Jun 2018 01:29

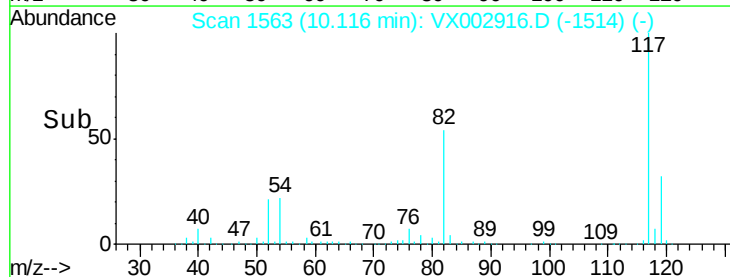
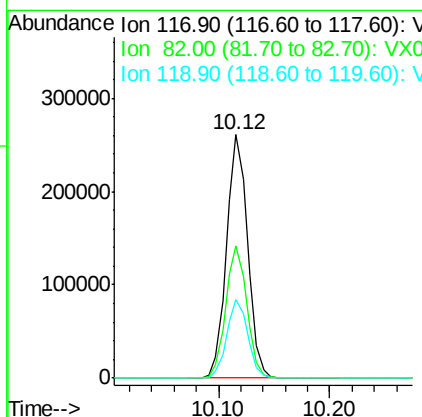
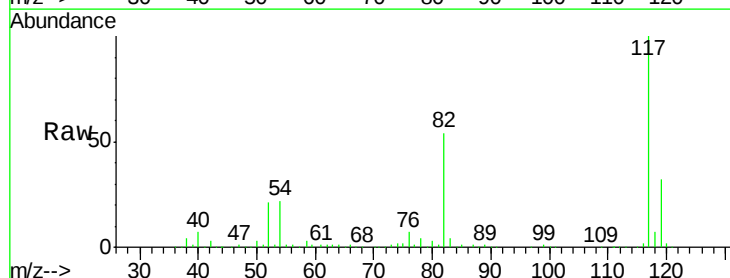
Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-17-19-180622

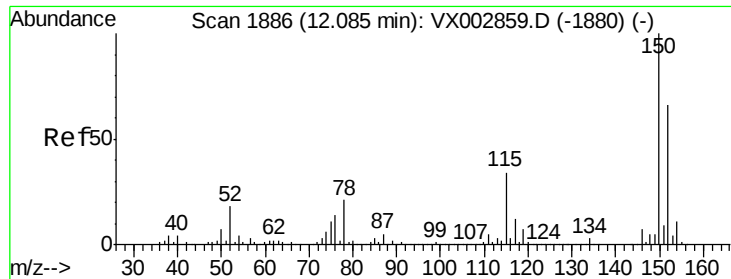
Tot Ion: 95 Resp: 184582
Ion Ratio Lower Upper
95 100
174 96.0 0.0 187.4
176 93.4 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002916.D
Acq: 27 Jun 2018 01:29

Tgt Ion: 117 Resp: 341784
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002916.D

Acq: 27 Jun 2018 01:29

Instrument :

MSVOA_X

ClientSampleId :

WP021SB480-17-19-180622

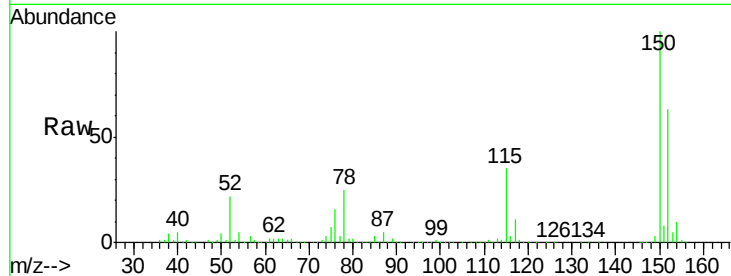
Tot Ion:152 Resp: 194124

Ion Ratio Lower Upper

152 100

115 55.1 40.1 120.2

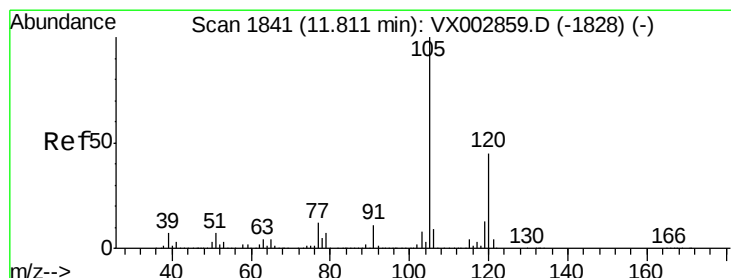
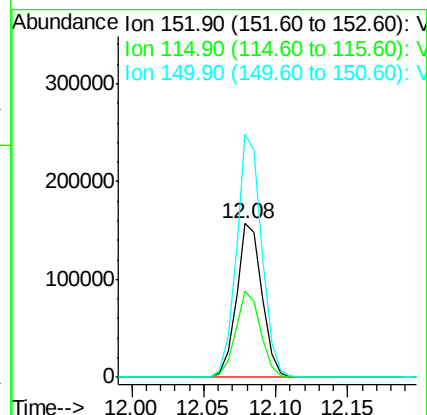
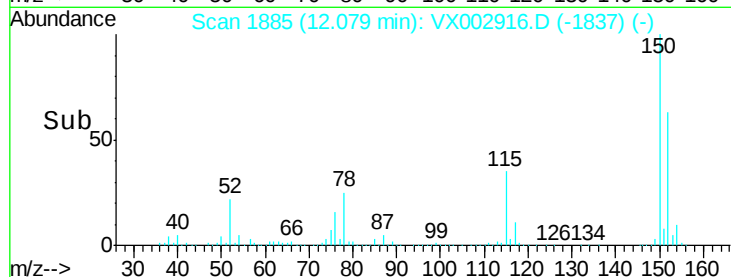
150 157.1 0.0 347.2



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



#84

1,2,4-Trimethylbenzene

Concen: 0.36 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002916.D

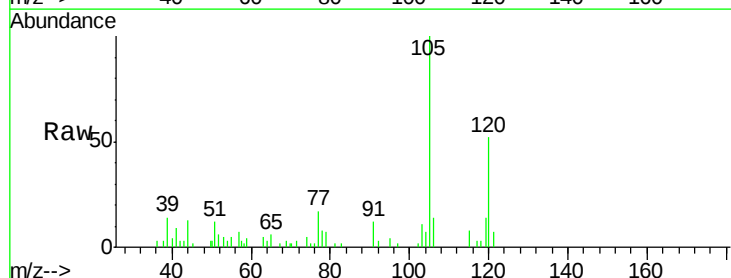
Acq: 27 Jun 2018 01:29

Tgt Ion:105 Resp: 4051

Ion Ratio Lower Upper

105 100

120 43.1 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

