

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX002992.D
 Acq On : 28 Jun 2018 18:20
 Operator : JC/MD
 Sample : J3717-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N48971

Quant Time: Jun 29 09:55:33 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

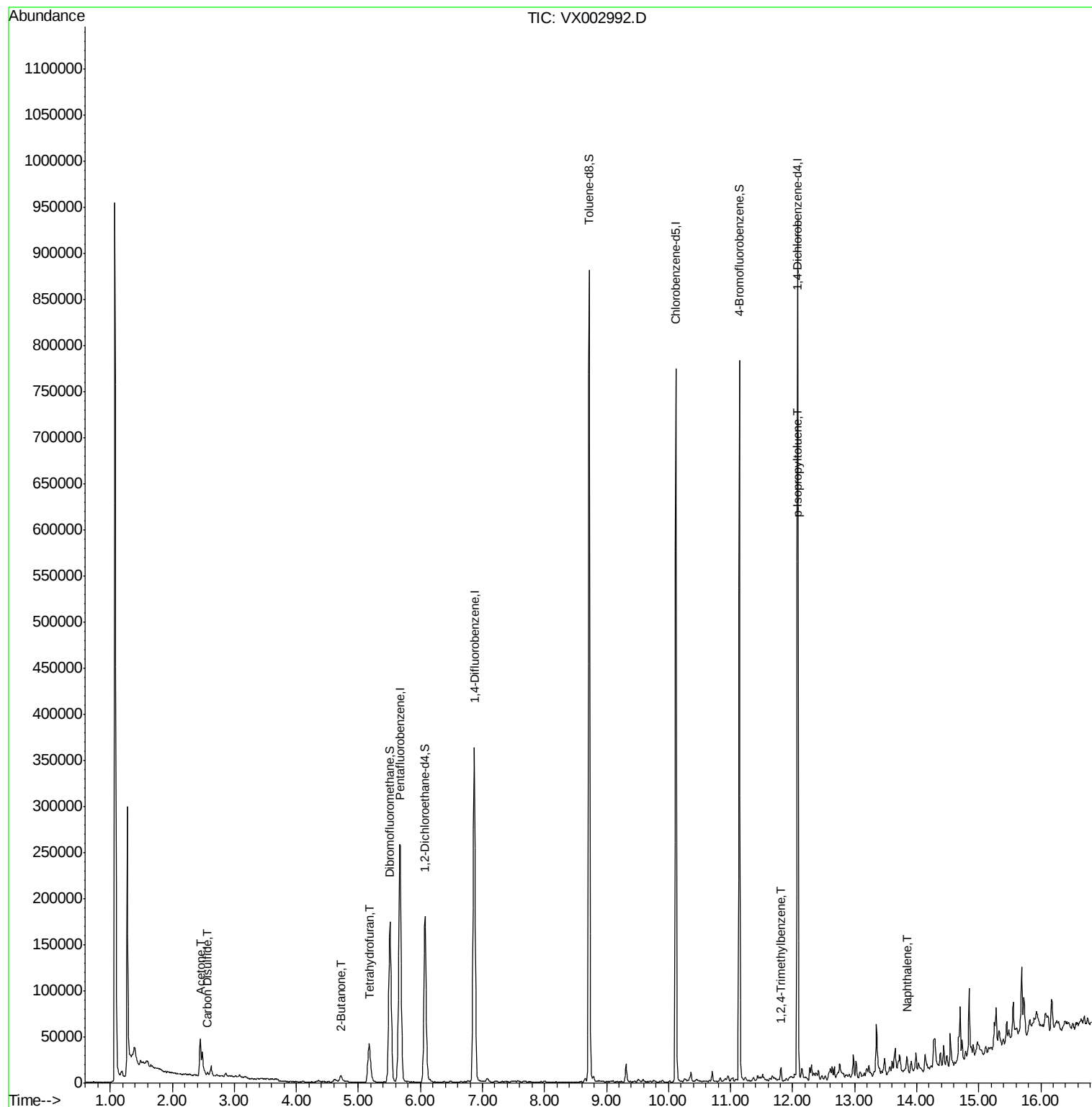
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358712	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	171670	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
35) Dibromofluoromethane	5.51	113	141257	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
50) Toluene-d8	8.72	98	509709	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.14	95	184135	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
Target Compounds						
16) Acetone	2.45	43	42628	28.38	ug/l	Qvalue 100
17) Carbon Disulfide	2.57	76	5113	0.74	ug/l	100
25) 2-Butanone	4.72	43	12383	5.55	ug/l	94
29) Tetrahydrofuran	5.17	42	36909	25.82	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	5391	0.47	ug/l	99
86) p-Isopropyltoluene	12.07	119	12265	1.02	ug/l	94
95) Naphthalene	13.84	128	11033	0.82	ug/l #	88

(#) = 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: VX002992.D

Acq: 28 Jun 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

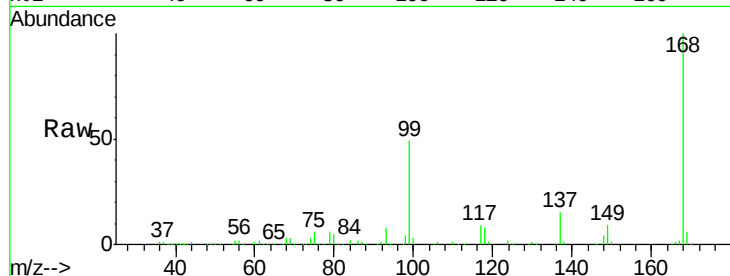
N48971

Tot Ion:168 Resp: 262449

Ion Ratio Lower Upper

168 100

99 49.1 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

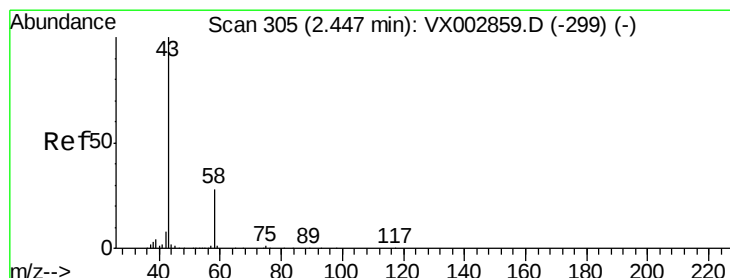
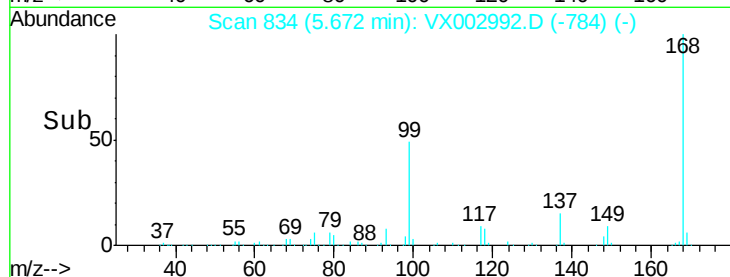
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 28.38 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002992.D

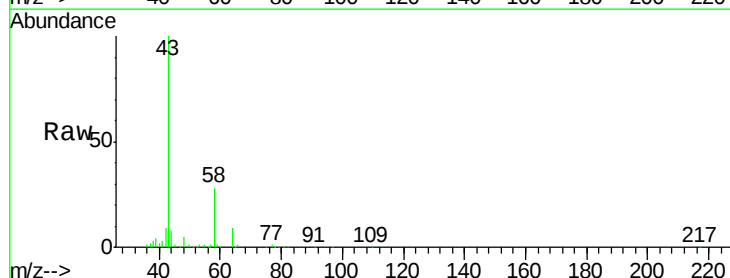
Acq: 28 Jun 2018 18:20

Tgt Ion: 43 Resp: 42628

Ion Ratio Lower Upper

43 100

58 27.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

30000

25000

20000

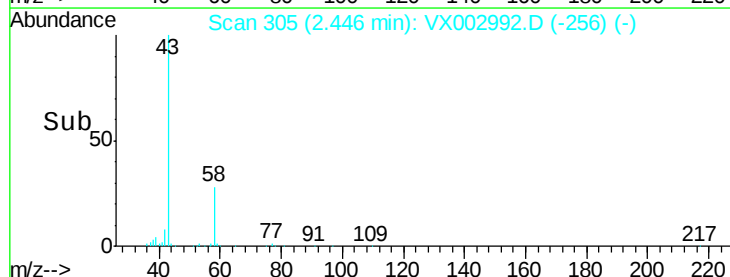
15000

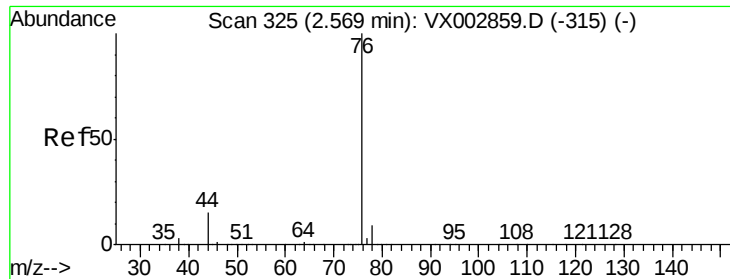
10000

5000

0

Time--> 2.40 2.50

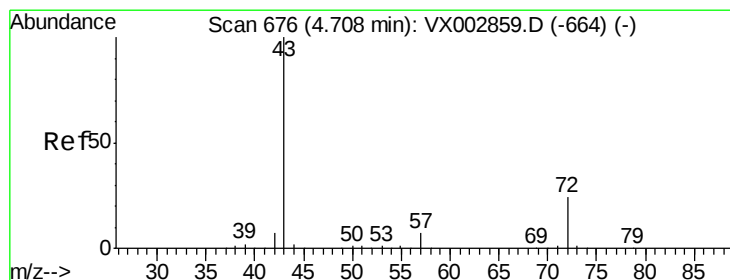
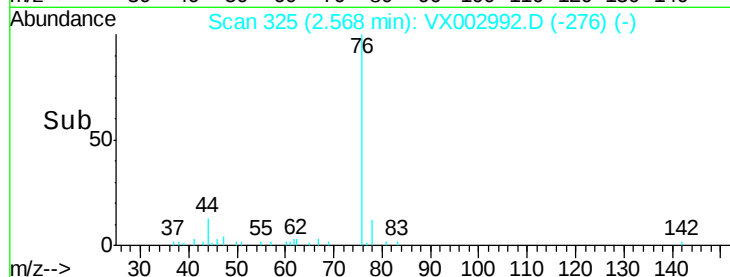
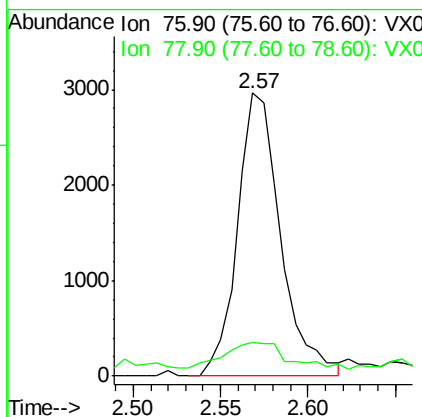
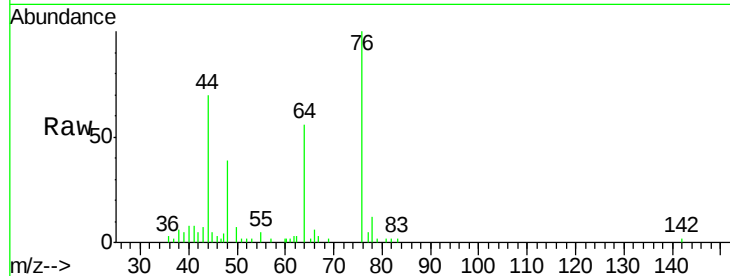




#17
Carbon Disulfide
Concen: 0.74 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002992.D
Acq: 28 Jun 2018 18:20

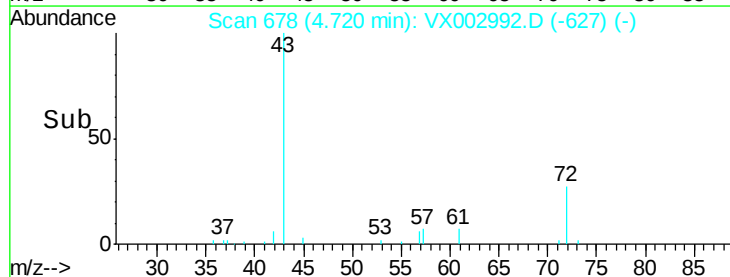
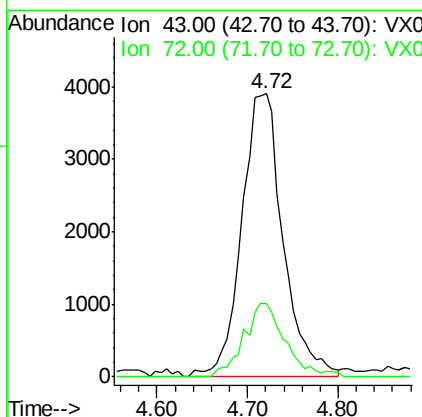
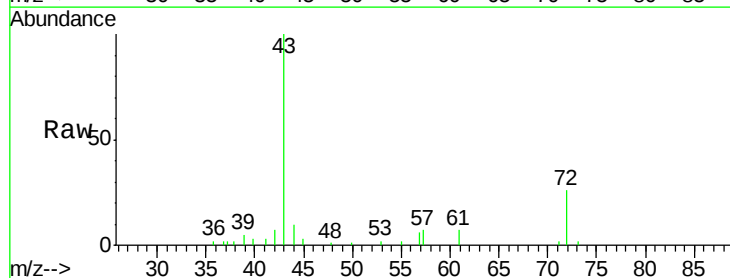
Instrument :
MSVOA_X
ClientSampleId :
N48971

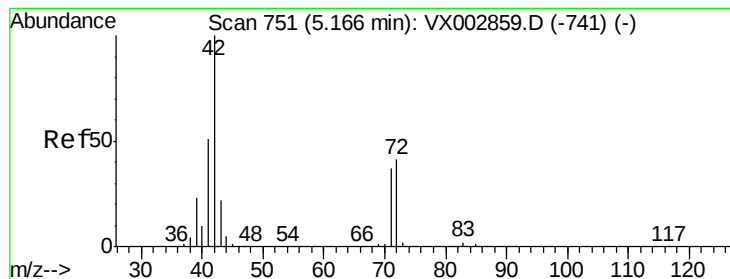
Tot Ion: 76 Resp: 5113
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3



#25
2-Butanone
Concen: 5.55 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX002992.D
Acq: 28 Jun 2018 18:20

Tgt Ion: 43 Resp: 12383
Ion Ratio Lower Upper
43 100
72 26.2 18.5 27.7





#29

Tetrahydrofuran

Concen: 25.82 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002992.D

Acq: 28 Jun 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

N48971

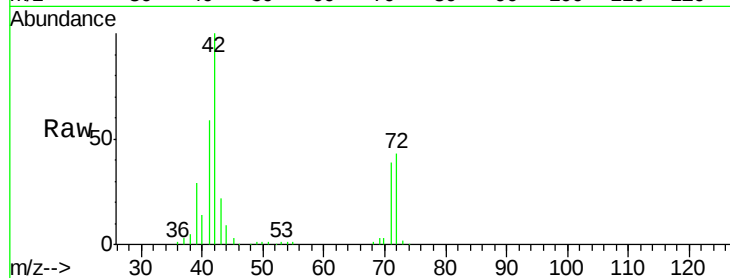
Tot Ion: 42 Resp: 36909

Ion Ratio Lower Upper

42 100

72 41.0 32.0 48.0

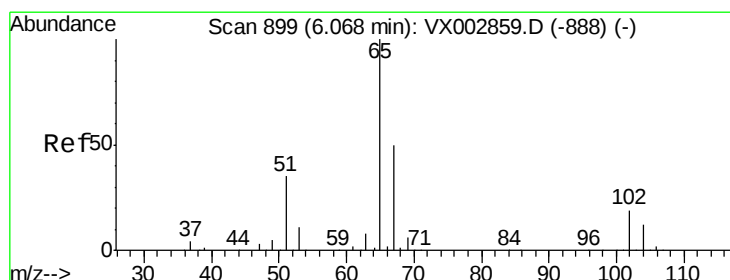
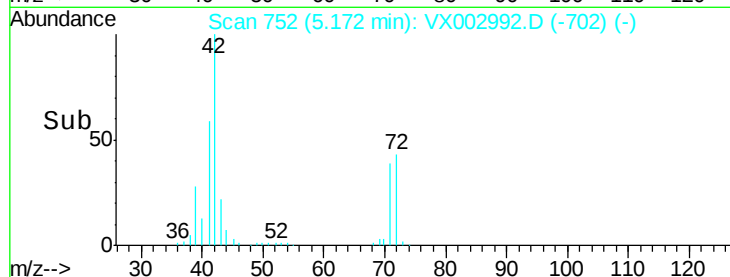
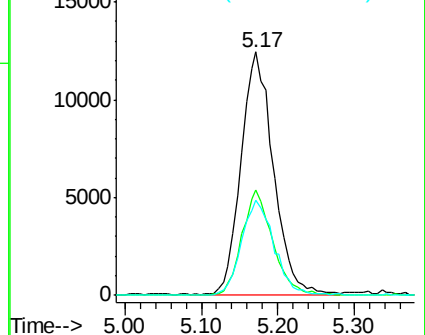
71 39.0 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.32 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002992.D

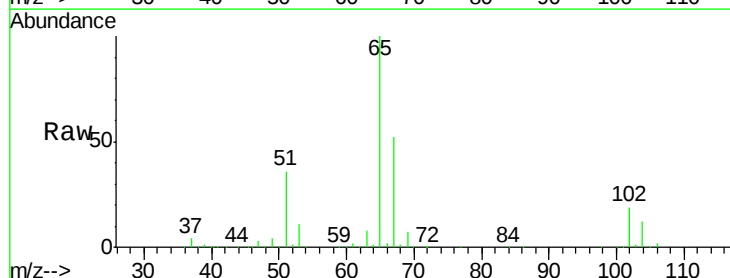
Acq: 28 Jun 2018 18:20

Tgt Ion: 65 Resp: 171670

Ion Ratio Lower Upper

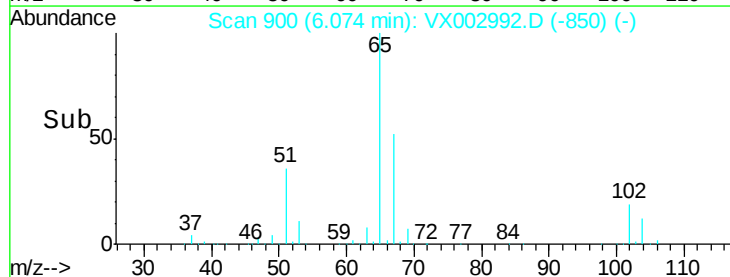
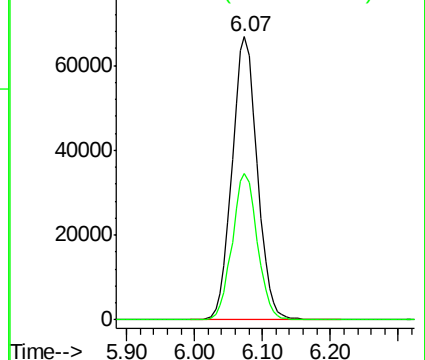
65 100

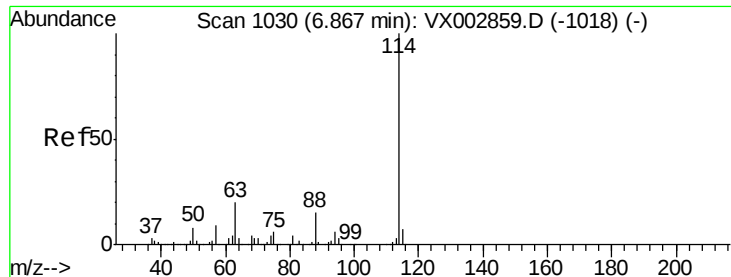
67 51.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

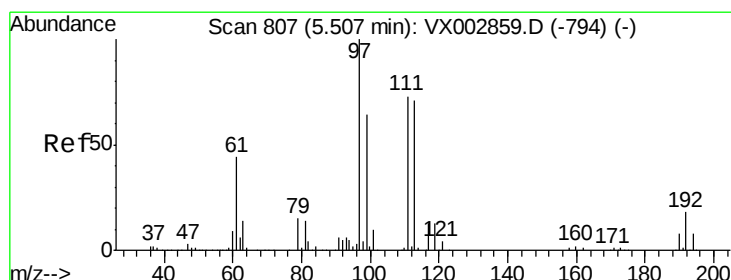
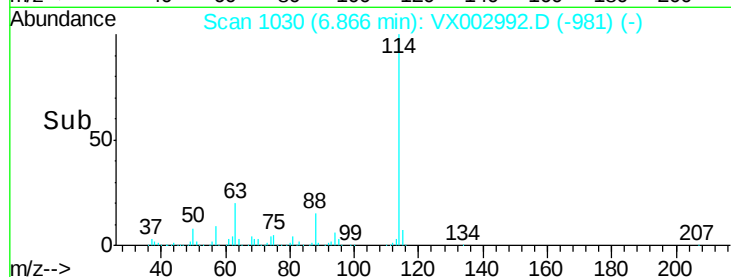
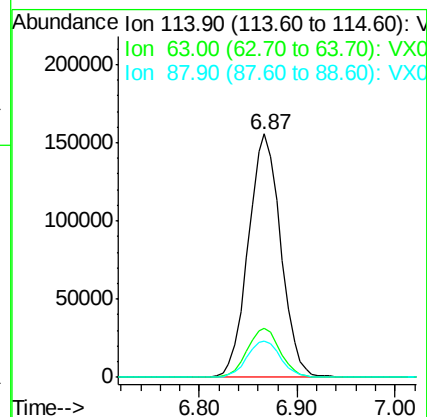
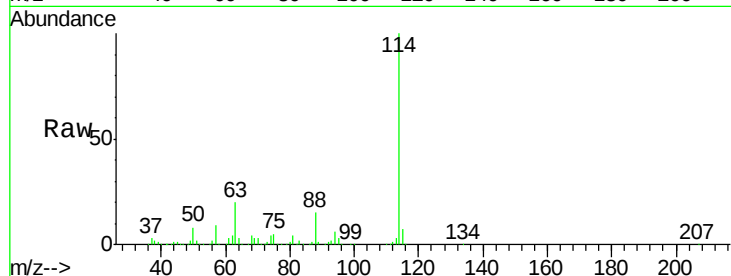




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002992.D
 Acq: 28 Jun 2018 18:20

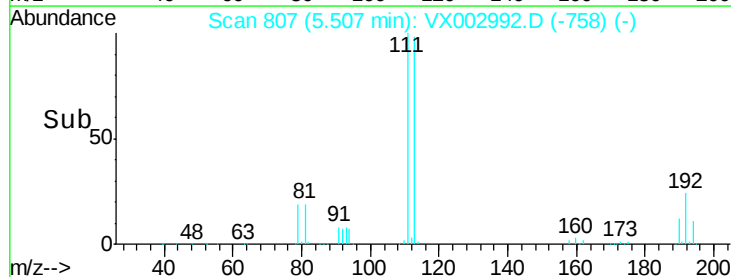
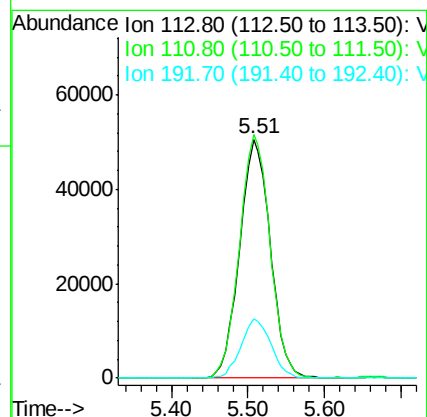
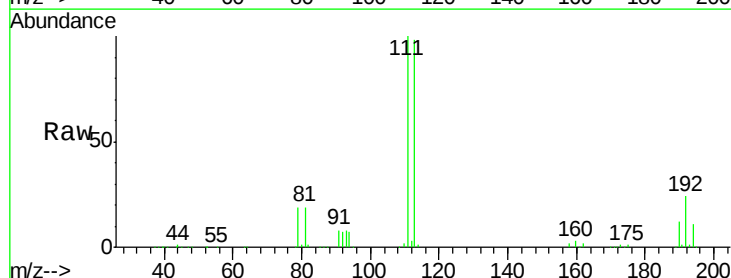
Instrument :
 MSVOA_X
 ClientSampleId :
 N48971

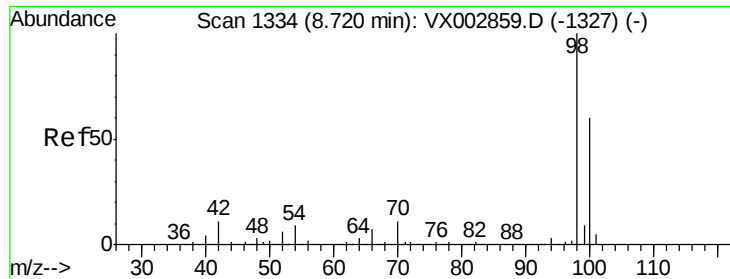
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.4
88	15.1	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 49.73 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002992.D
 Acq: 28 Jun 2018 18:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	24.3	19.1	28.7





#50

Toluene-d8

Concen: 49.14 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002992.D

Acq: 28 Jun 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

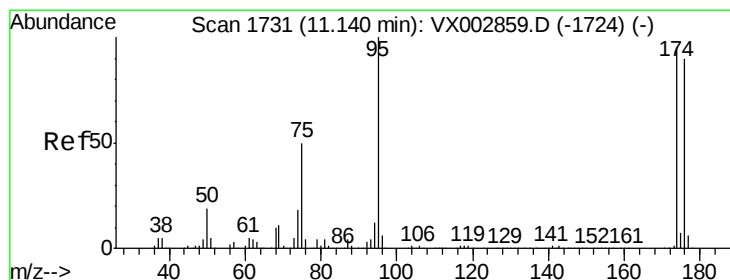
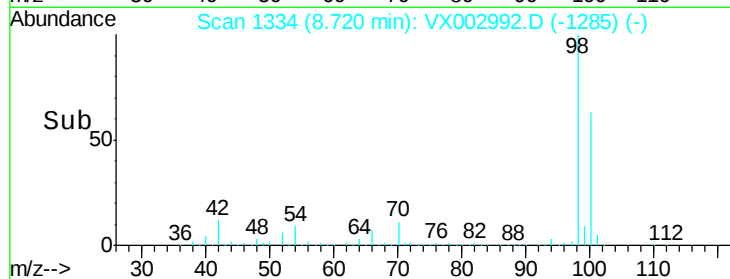
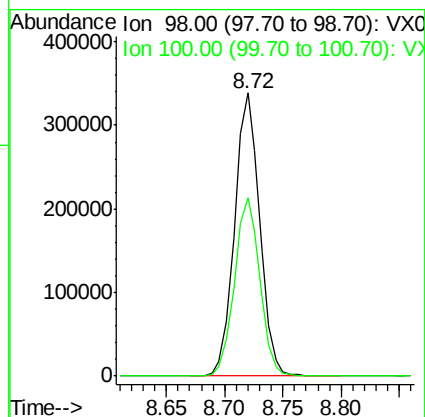
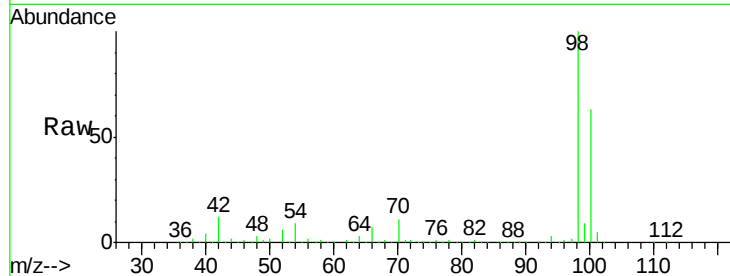
N48971

Tot Ion: 98 Resp: 509709

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 46.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002992.D

Acq: 28 Jun 2018 18:20

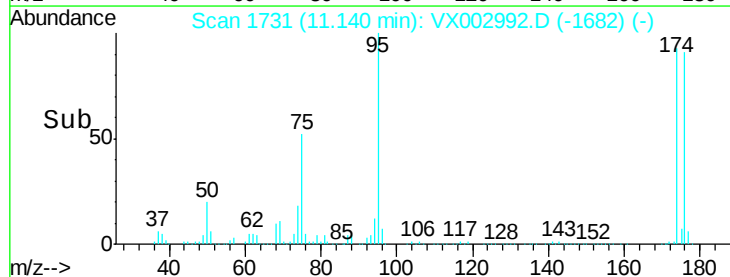
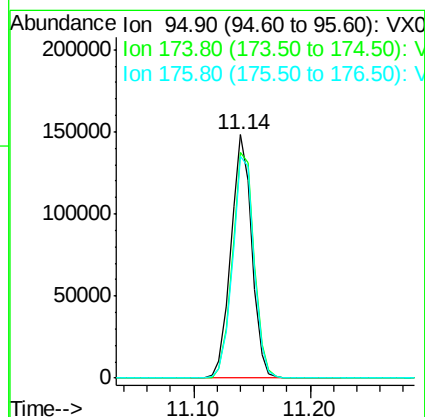
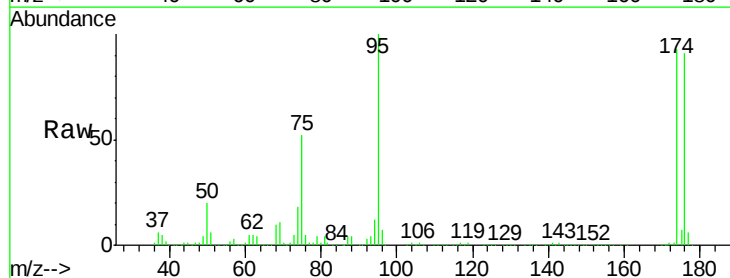
Tgt Ion: 95 Resp: 184135

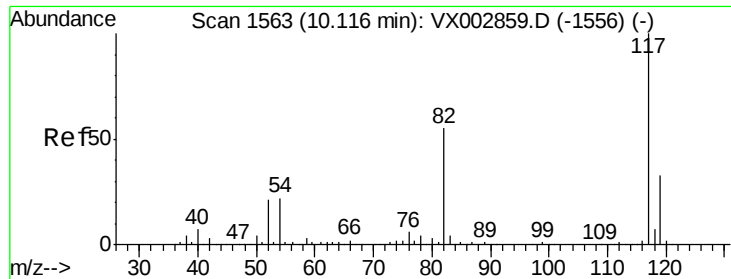
Ion Ratio Lower Upper

95 100

174 96.7 0.0 187.4

176 93.5 0.0 181.0

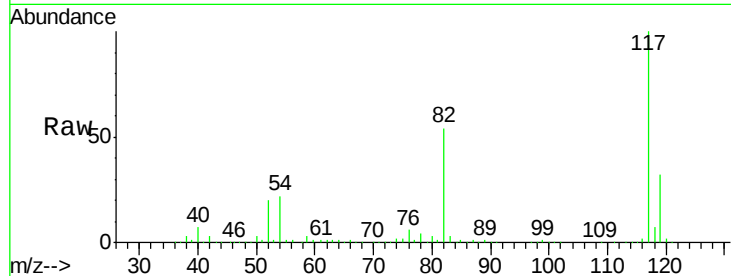




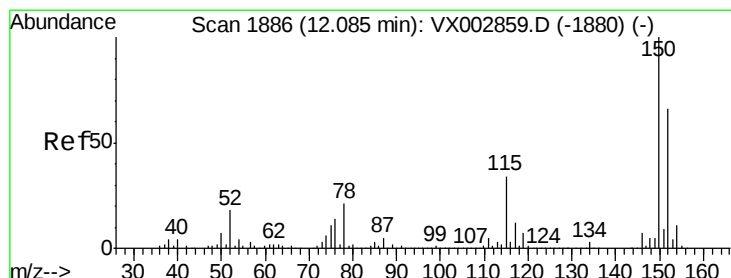
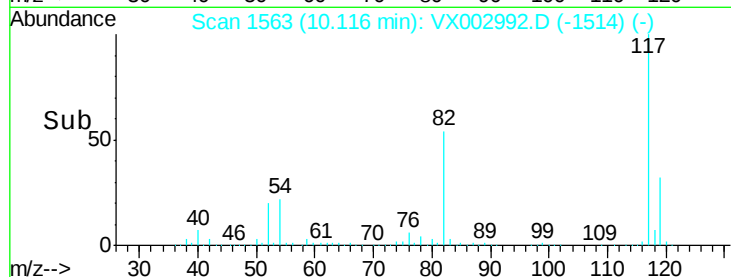
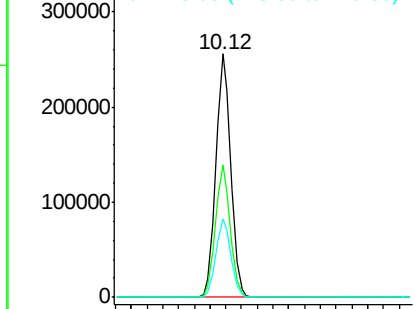
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002992.D
Acq: 28 Jun 2018 18:20

Instrument :
MSVOA_X
ClientSampleId :
N48971

Tot Ion:117 Resp: 338500
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.0 25.8 38.6

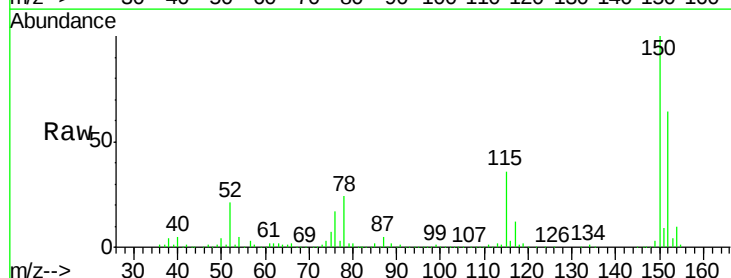


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

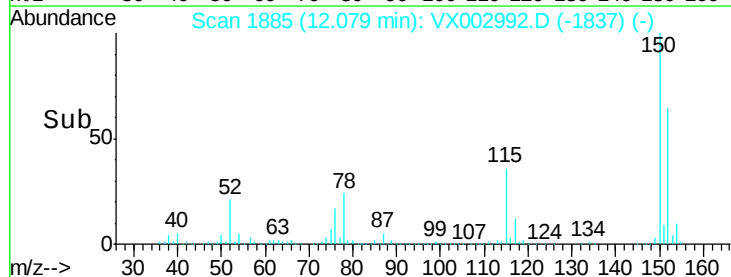
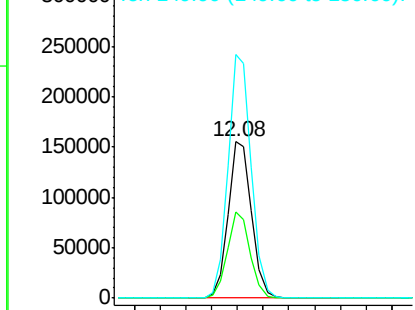


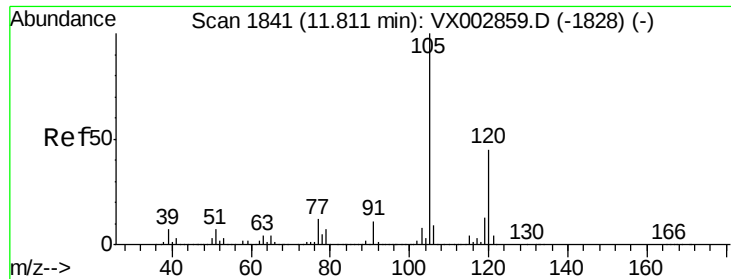
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002992.D
Acq: 28 Jun 2018 18:20

Tgt Ion:152 Resp: 197075
Ion Ratio Lower Upper
152 100
115 54.1 40.1 120.2
150 155.5 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

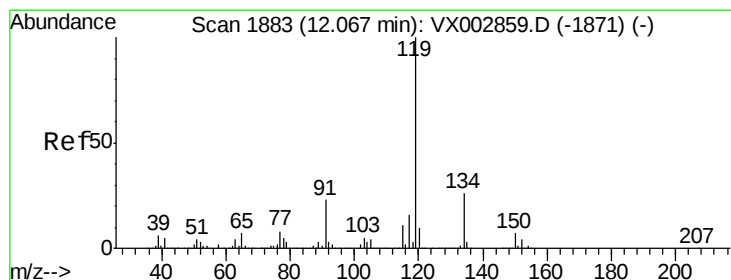
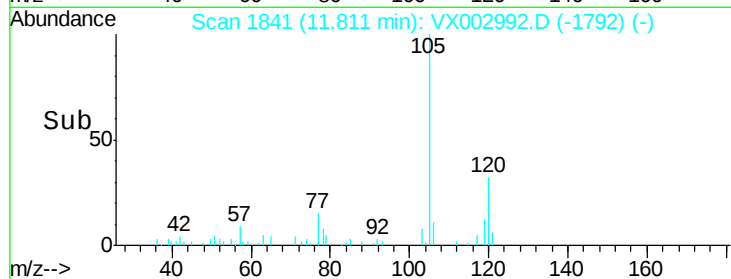
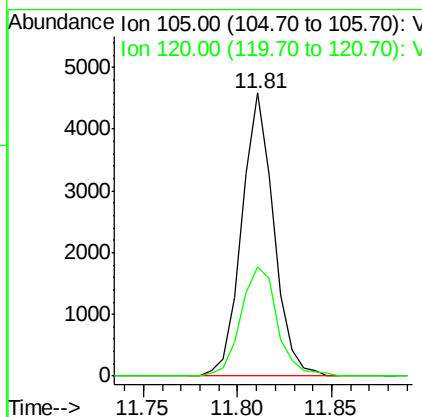
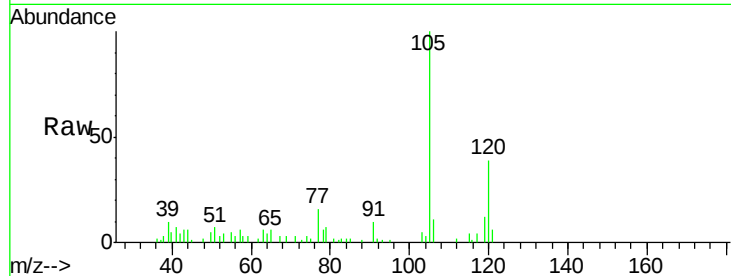




#84
 1,2,4-Trimethylbenzene
 Concen: 0.47 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002992.D
 Acq: 28 Jun 2018 18:20

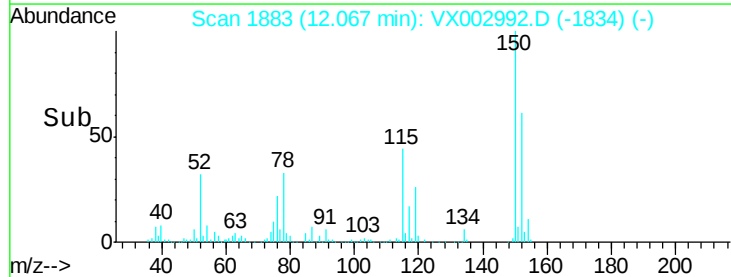
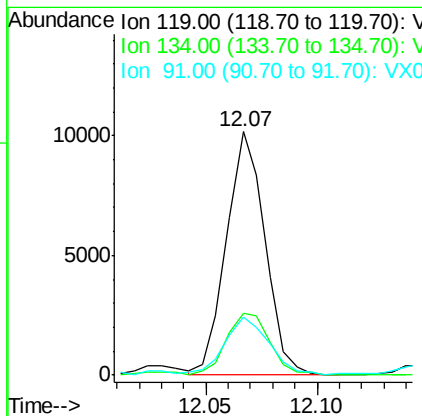
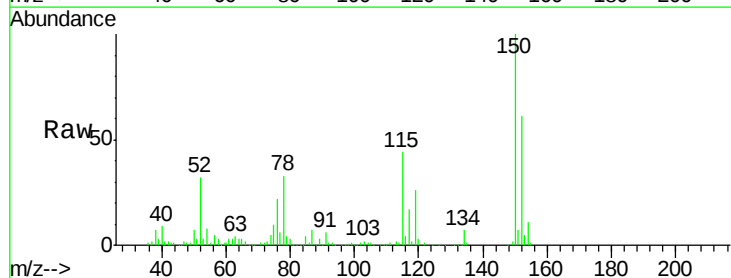
Instrument :
 MSVOA_X
 ClientSampleId :
 N48971

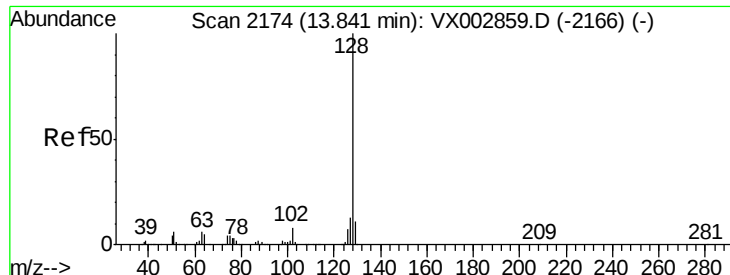
Tot Ion:105 Resp: 5391
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.3 66.8



#86
 p-Isopropyltoluene
 Concen: 1.02 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002992.D
 Acq: 28 Jun 2018 18:20

Tgt Ion:119 Resp: 12265
 Ion Ratio Lower Upper
 119 100
 134 28.7 13.4 40.1
 91 27.7 11.9 35.7





#95
Naphthalene
Concen: 0.82 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002992.D
Acq: 28 Jun 2018 18:20

Instrument :
MSVOA_X
ClientSampleId :
N48971

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.4	15.6#
129	17.5	8.6	13.0#

