

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003217.D
 Acq On : 06 Jul 2018 15:54
 Operator : JC/MD
 Sample : J3894-01DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001M-WILLETS-PT-BLVD(JULY)DL

Quant Time: Jul 09 09:32:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	61575	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	325201	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	299584	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	130748	27.81	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.70%
60) 4-Bromofluorobenzene	11.14	95	139932	28.28	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.27%
63) Toluene-d8	8.72	98	372742	28.48	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	94.93%

Target Compounds

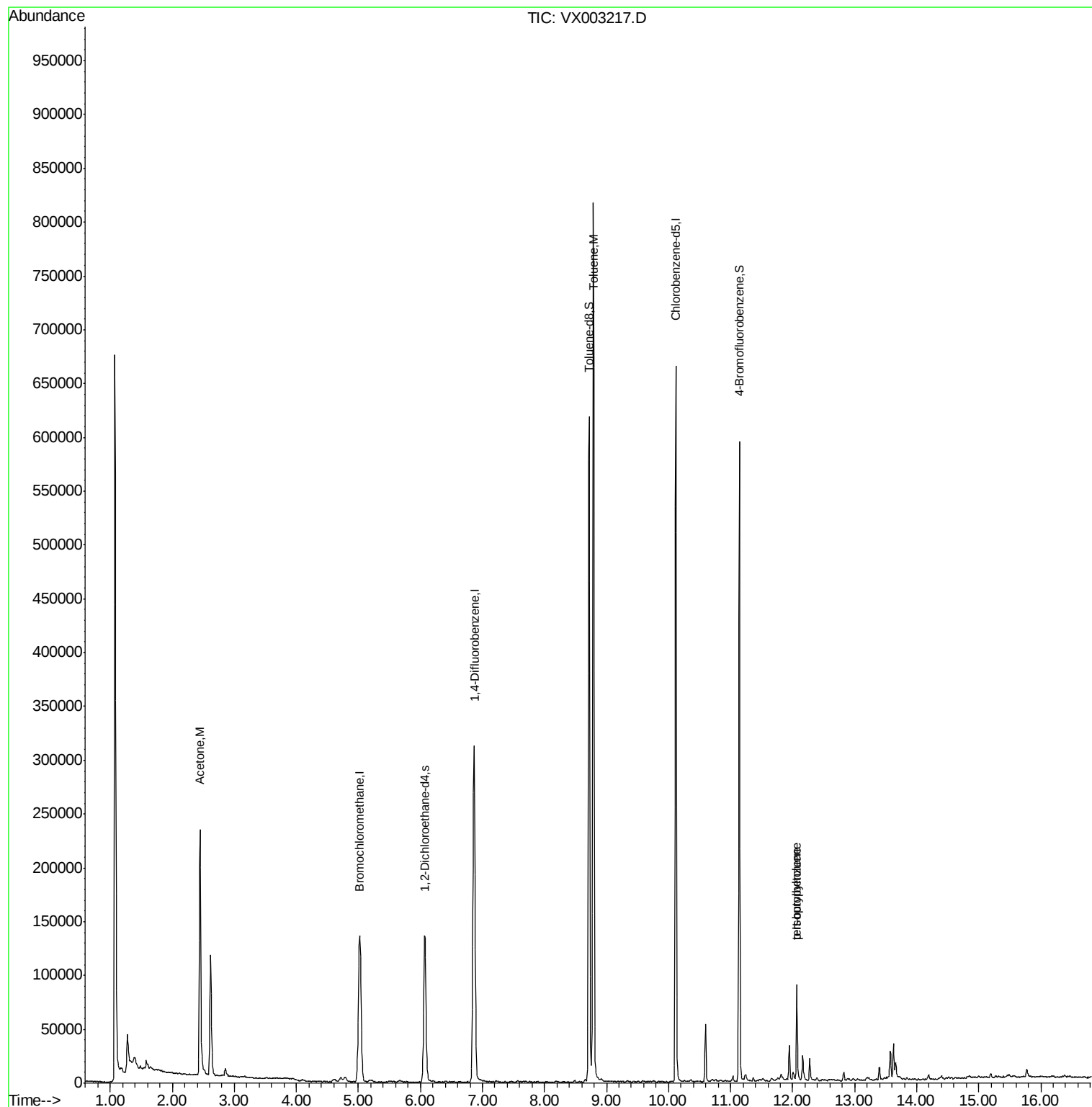
					Ovalue
15) Acetone	2.45	58	73824	136.698	ug/l 88
62) Toluene	8.79	91	520772	36.063	ug/l 99
79) tert-butylbenzene	12.07	119	36543	2.298	ug/l 99
82) p-Isopropyltoluene	12.07	119	36543	2.298	ug/l 99

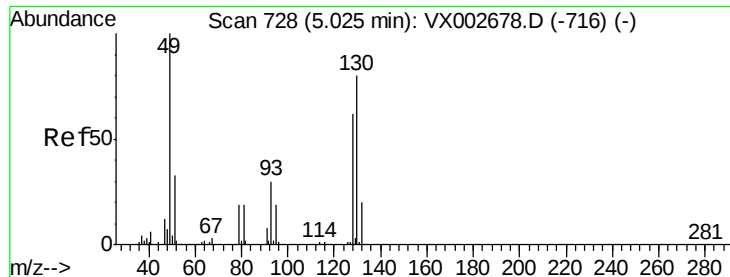
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003217.D

Acq: 06 Jul 2018 15:54

Instrument :

MSVOA_X

ClientSampleId :

001M-WILLETS-PT-BLVD(JULY)DL

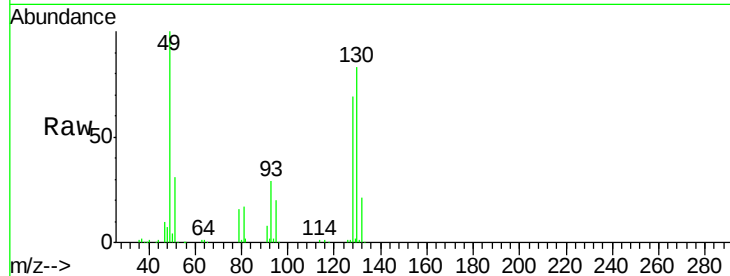
Tot Ion:128 Resp: 61575

Ion Ratio Lower Upper

128 100

49 148.5 0.0 423.0

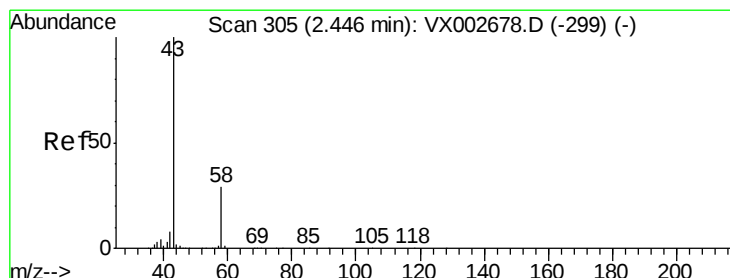
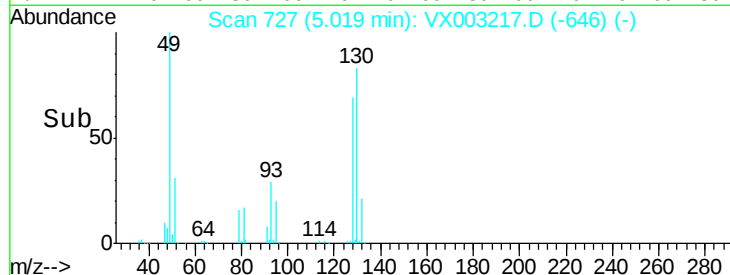
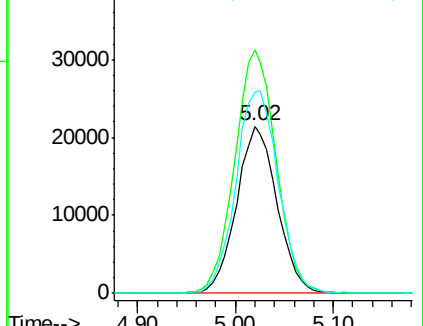
130 127.7 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 136.698 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003217.D

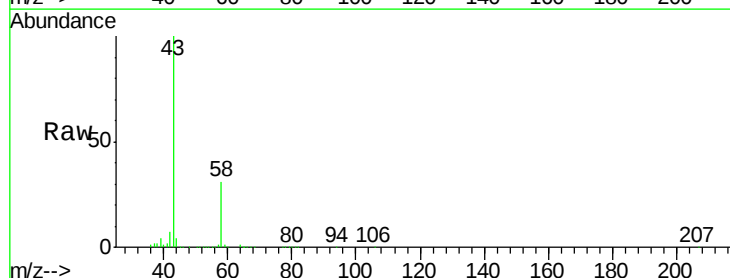
Acq: 06 Jul 2018 15:54

Tgt Ion: 58 Resp: 73824

Ion Ratio Lower Upper

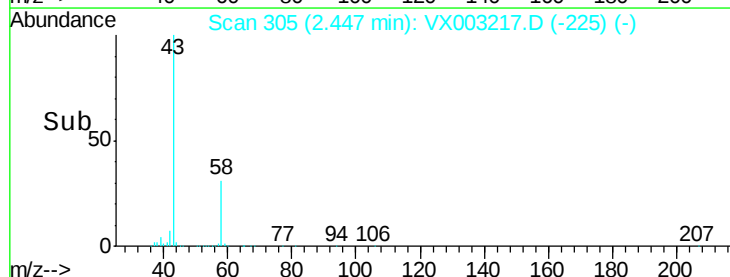
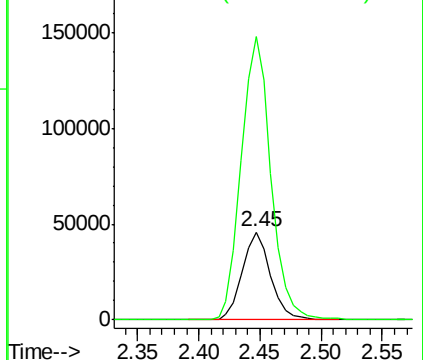
58 100

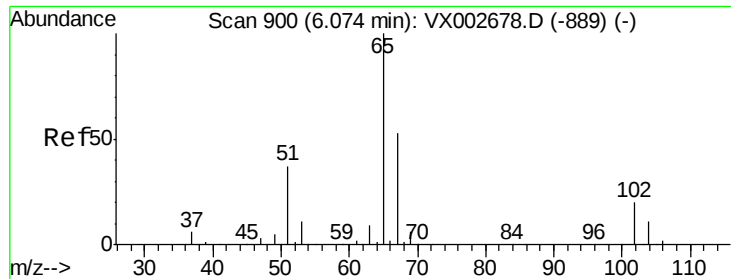
43 322.0 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 27.806 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003217.D

Acq: 06 Jul 2018 15:54

Instrument :

MSVOA_X

ClientSampleId :

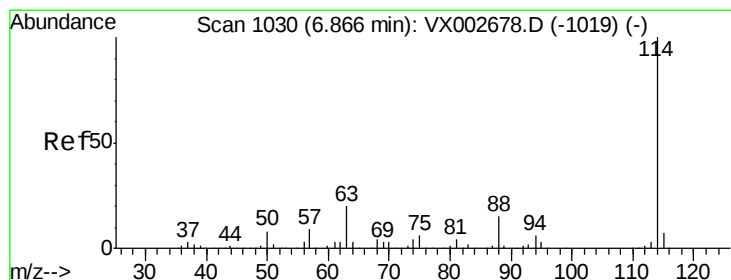
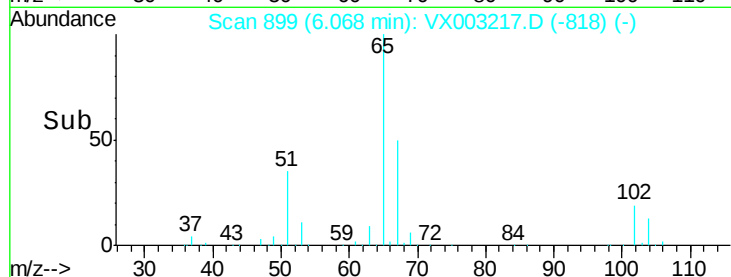
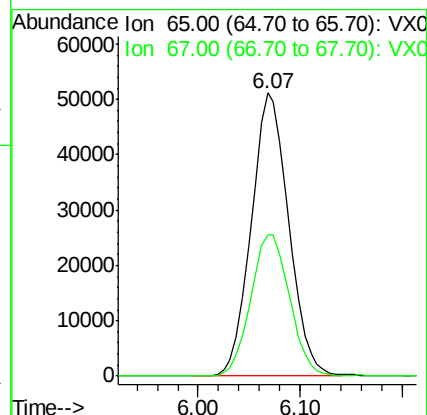
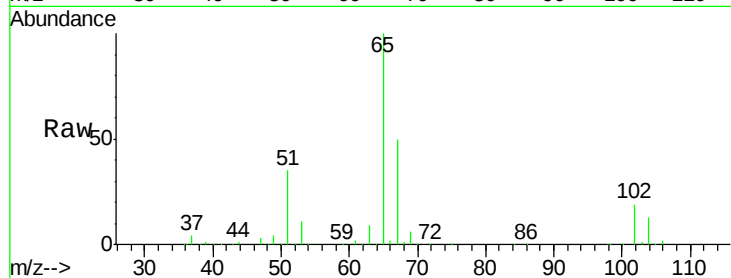
001M-WILLETS-PT-BLVD(JULY)DL

Tot Ion: 65 Resp: 130748

Ion Ratio Lower Upper

65 100

67 51.9 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003217.D

Acq: 06 Jul 2018 15:54

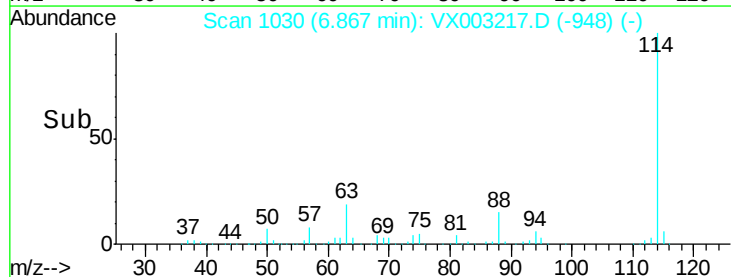
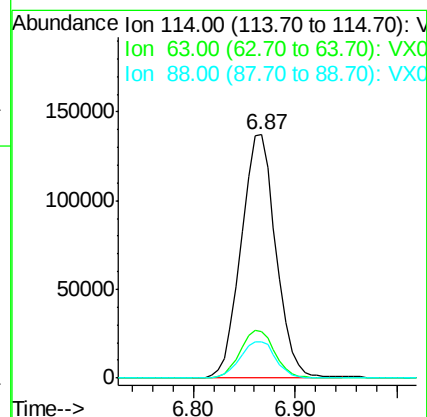
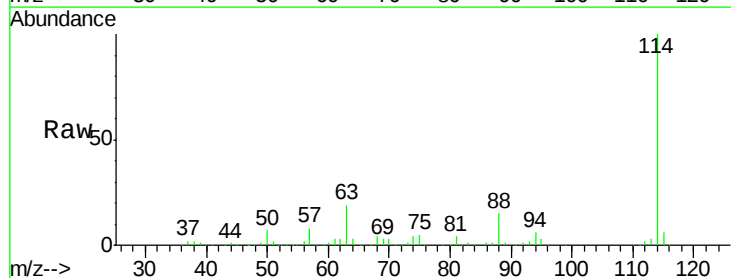
Tgt Ion: 114 Resp: 325201

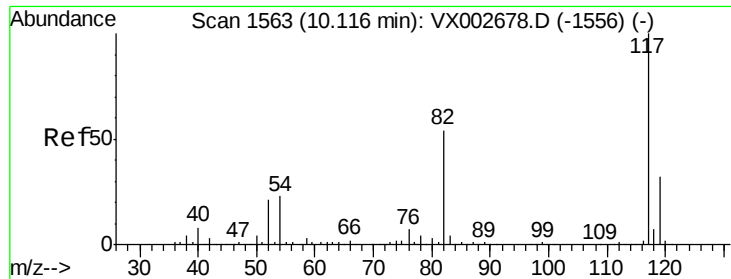
Ion Ratio Lower Upper

114 100

63 19.7 17.1 25.7

88 15.3 12.6 19.0

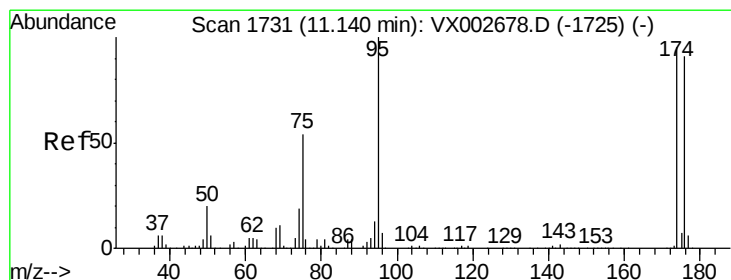
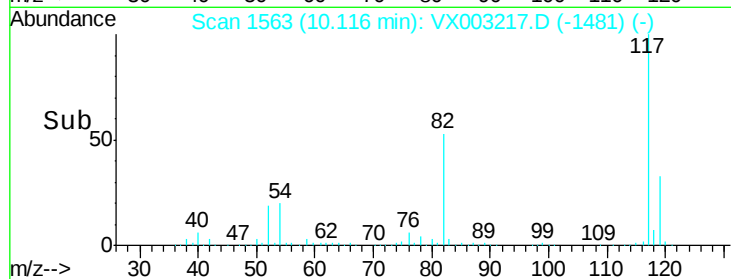
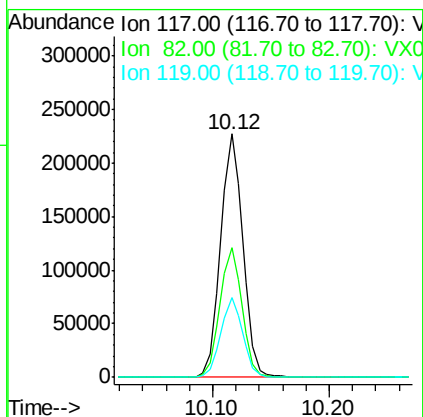
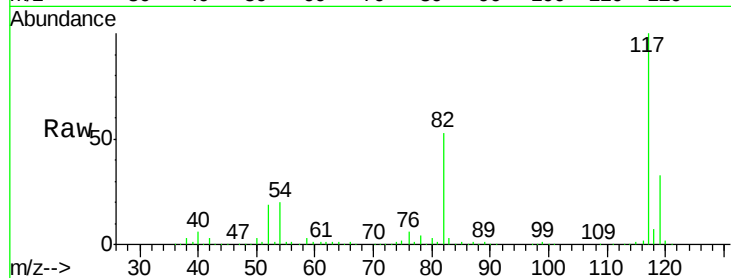




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003217.D
Acq: 06 Jul 2018 15:54

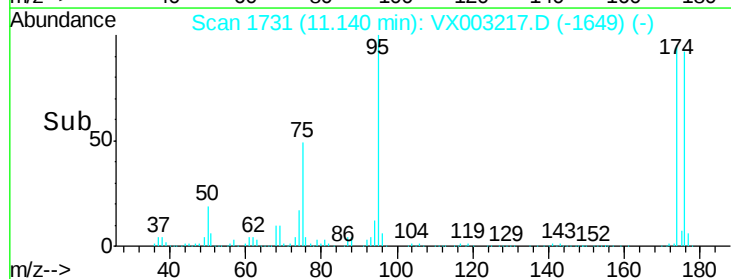
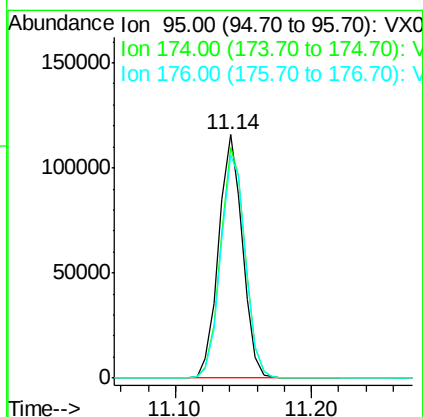
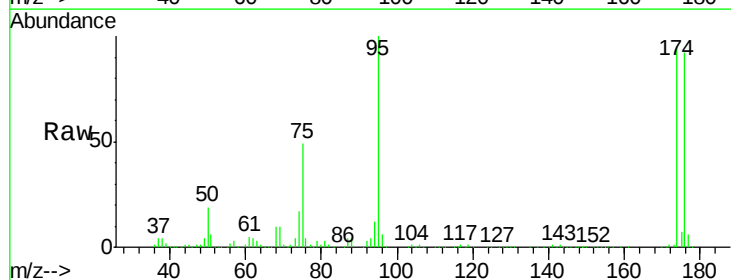
Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(JULY)DL

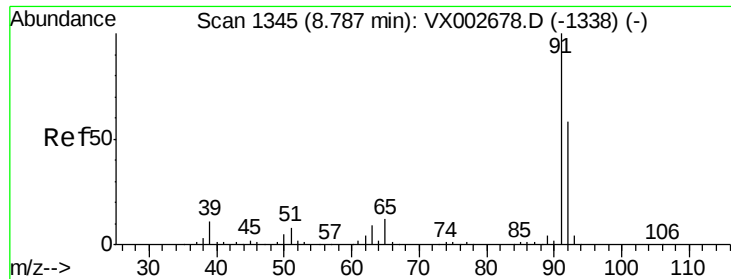
Tot Ion:117 Resp: 299584
Ion Ratio Lower Upper
117 100
82 52.9 44.3 66.5
119 32.2 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 28.281 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003217.D
Acq: 06 Jul 2018 15:54

Tgt Ion: 95 Resp: 139932
Ion Ratio Lower Upper
95 100
174 97.5 71.8 107.6
176 94.9 70.1 105.1





#62

Toluene

Concen: 36.063 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX003217.D

Acq: 06 Jul 2018 15:54

Instrument :

MSVOA_X

ClientSampleId :

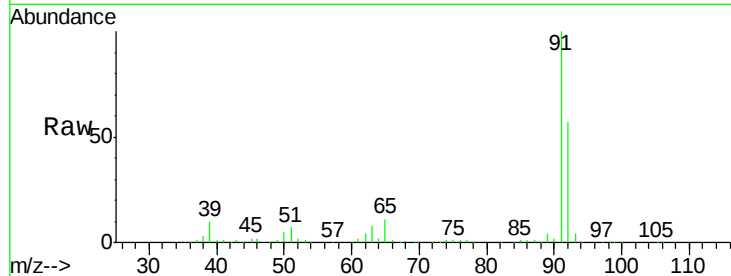
001M-WILLETS-PT-BLVD(JULY)DL

Tot Ion: 91 Resp: 520772

Ion Ratio Lower Upper

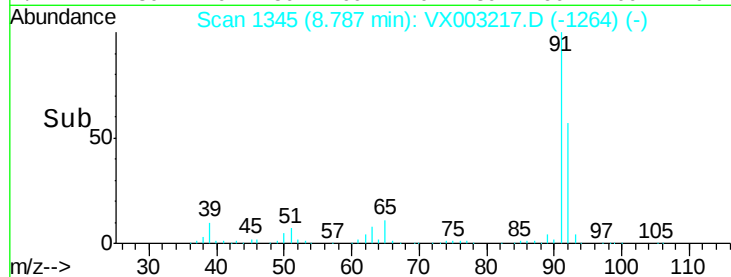
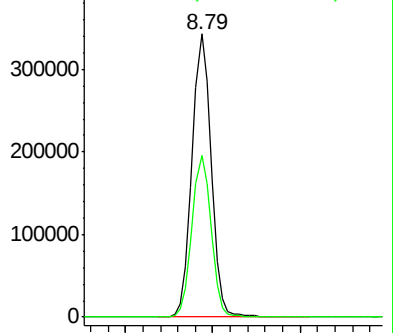
91 100

92 57.3 46.5 69.7

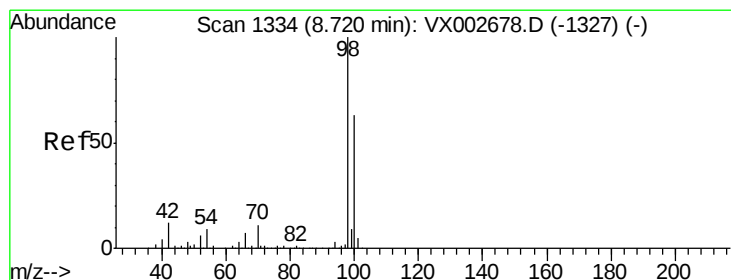


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



Time-->



#63

Toluene-d8

Concen: 28.483 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003217.D

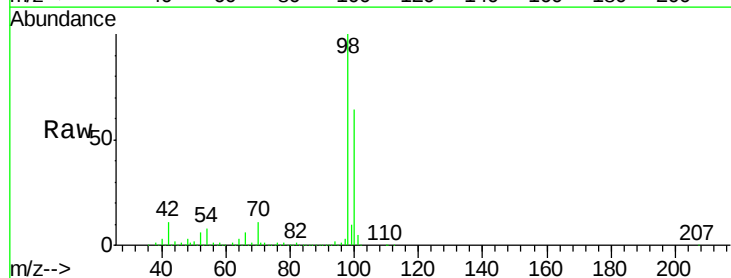
Acq: 06 Jul 2018 15:54

Tgt Ion: 98 Resp: 372742

Ion Ratio Lower Upper

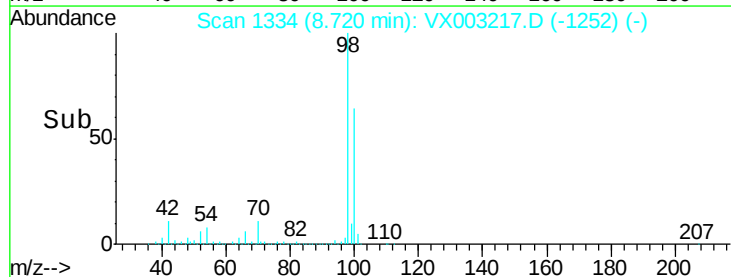
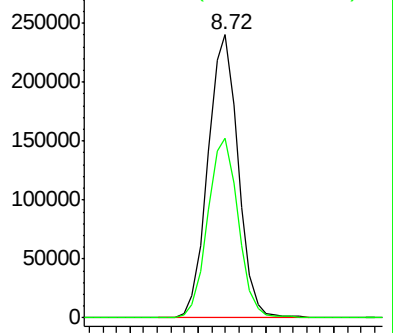
98 100

100 64.4 50.8 76.2

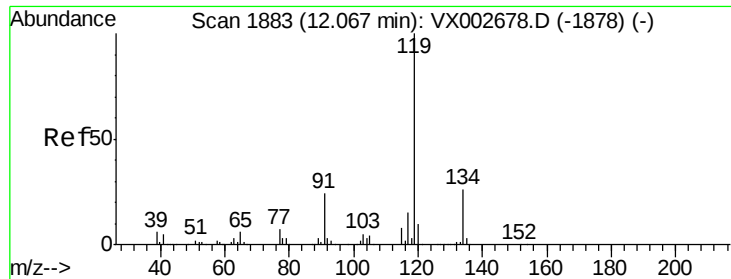


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



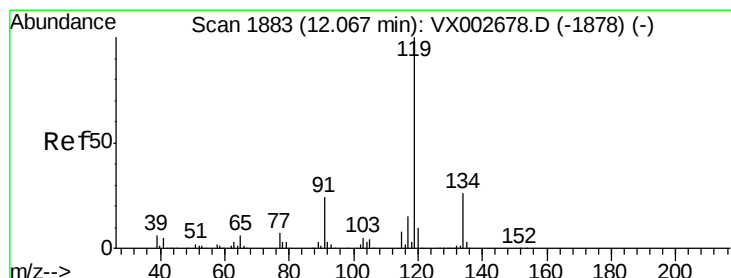
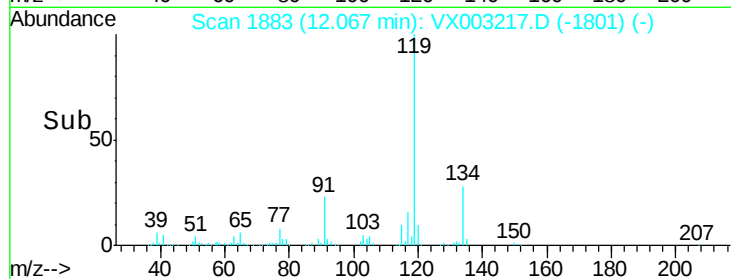
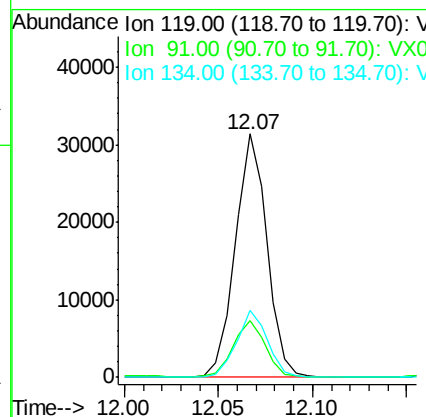
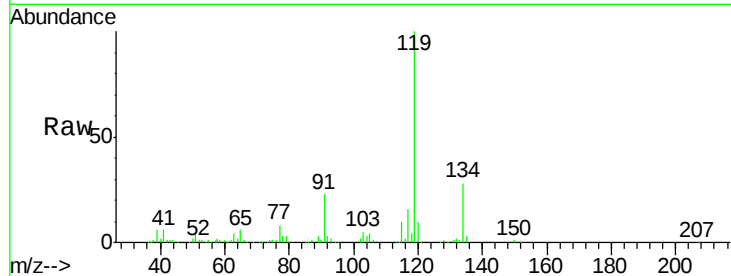
Time-->



#79
tert-butylbenzene
Concen: 2.298 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003217.D
Acq: 06 Jul 2018 15:54

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(JULY)DL

Tot Ion:119 Resp: 36543
Ion Ratio Lower Upper
119 100
91 23.2 0.0 48.0
134 27.0 0.0 52.6



#82
p-Isopropyltoluene
Concen: 2.298 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003217.D
Acq: 06 Jul 2018 15:54

Tgt Ion:119 Resp: 36543
Ion Ratio Lower Upper
119 100
134 27.0 0.0 52.6
91 23.2 0.0 48.0

