

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072720\
 Data File : VX017616.D
 Acq On : 27 Jul 2020 14:28
 Operator : JC/SP
 Sample : L3450-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-017-IDWGW-20200723

Quant Time: Aug 06 03:33:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:38:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	107442	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	561167	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	538031	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	254173	30.79	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	102.63%	
60) 4-Bromofluorobenzene	11.12	95	231288	25.38	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	84.60%	
63) Toluene-d8	8.70	98	672331	28.24	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	94.13%	

Target Compounds

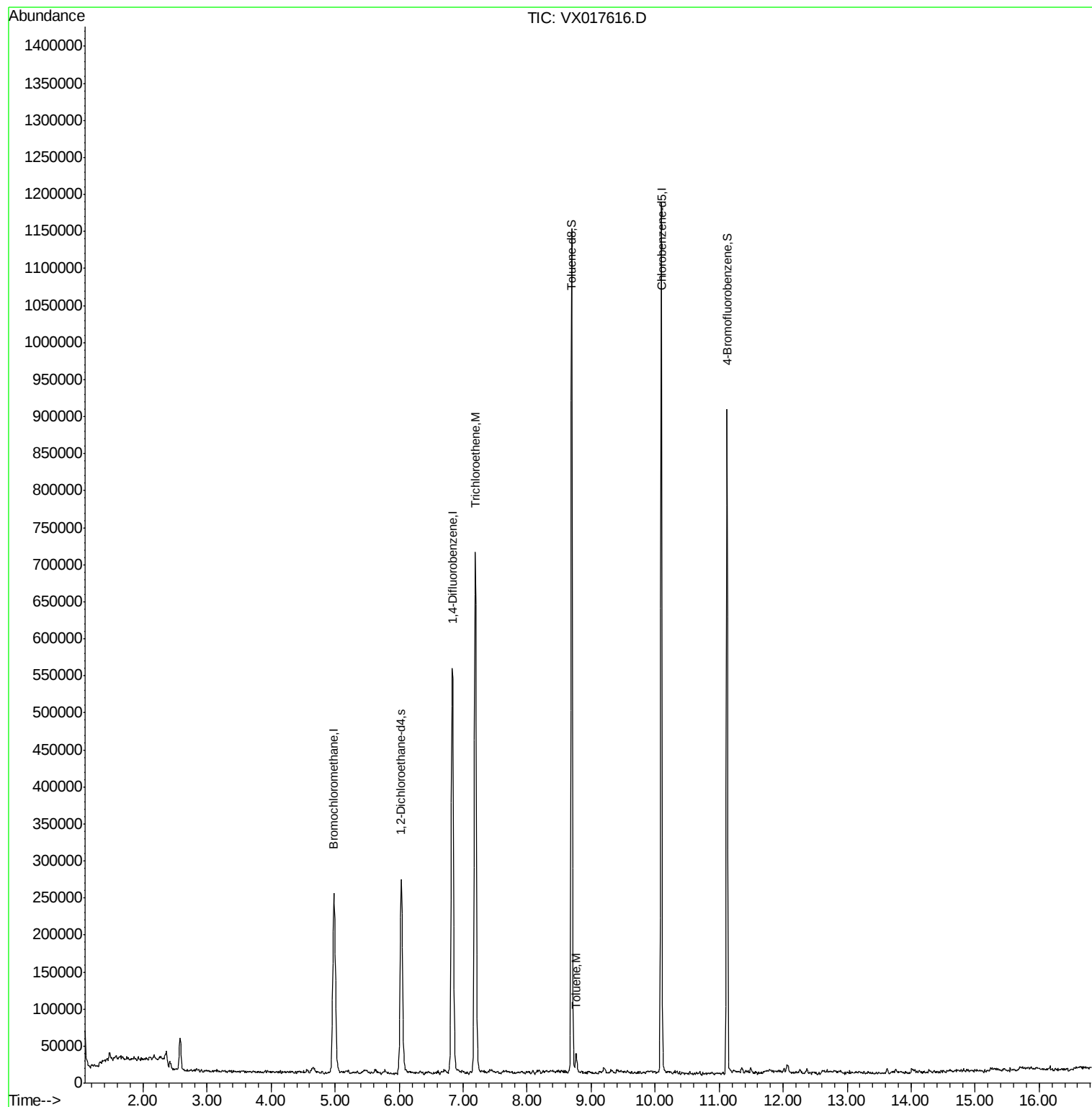
					Qvalue
37) Trichloroethene	7.19	130	275535	39.793	ug/l 99
62) Toluene	8.77	91	15323	0.573	ug/l 94

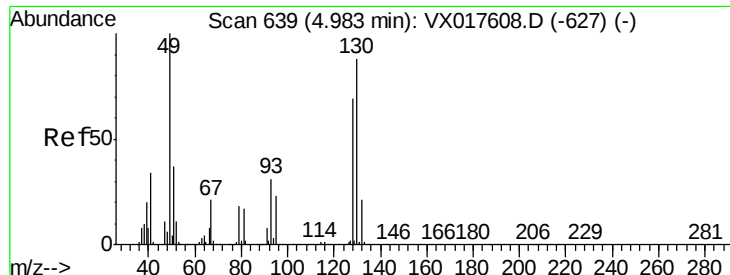
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

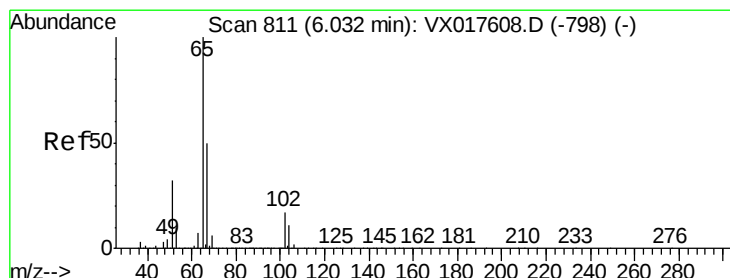
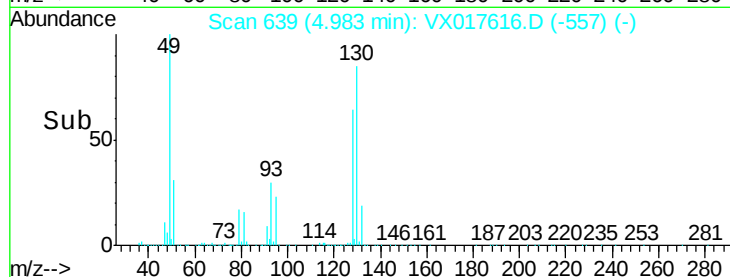
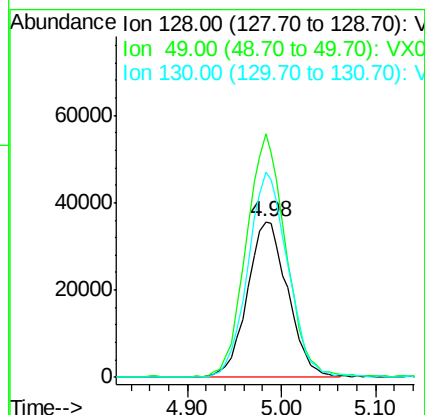
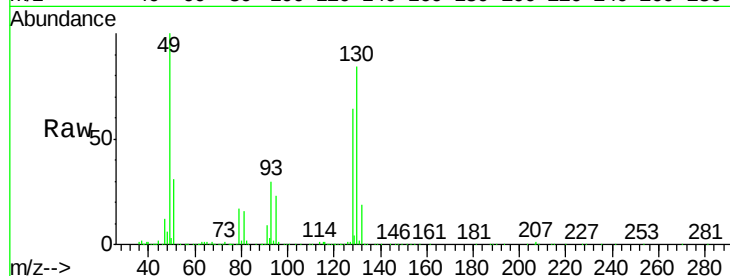
Delta R.T. -0.00 min

Lab File: VX017616.D

Acq: 27 Jul 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
TT-017-IDWGW-20200723

Tgt Ion:	128	Resp:	107442
Ion	Ratio	Lower	Upper
128	100		
49	150.2	0.0	376.0
130	129.5	0.0	323.0



#27

1,2-Dichloroethane-d4

Concen: 30.786 ug/l

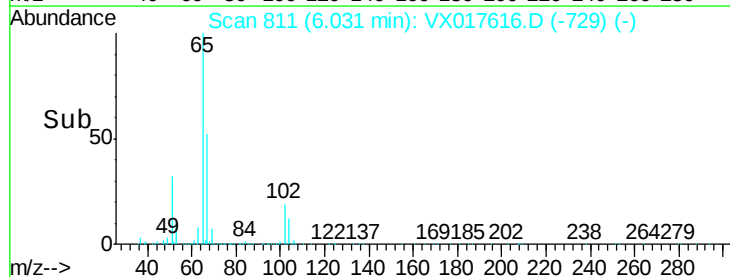
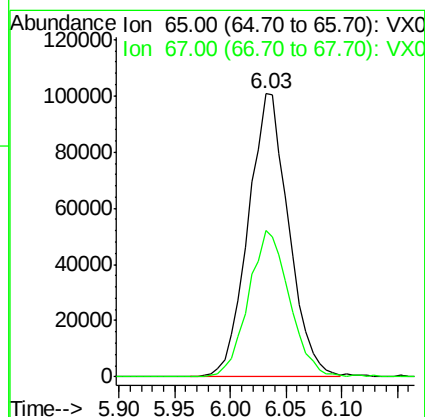
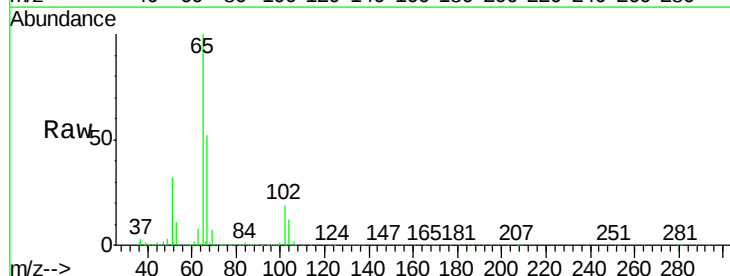
RT: 6.03 min Scan# 811

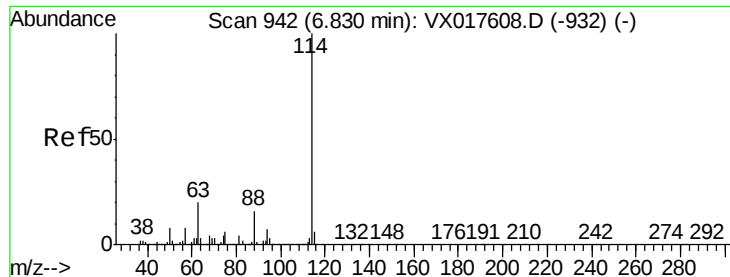
Delta R.T. -0.00 min

Lab File: VX017616.D

Acq: 27 Jul 2020 14:28

Tgt Ion:	65	Resp:	254173
Ion	Ratio	Lower	Upper
65	100		
67	52.1	40.6	61.0

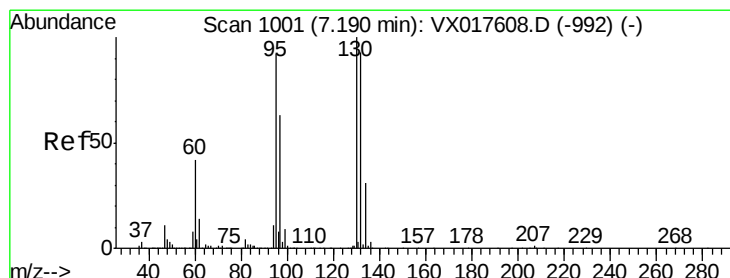
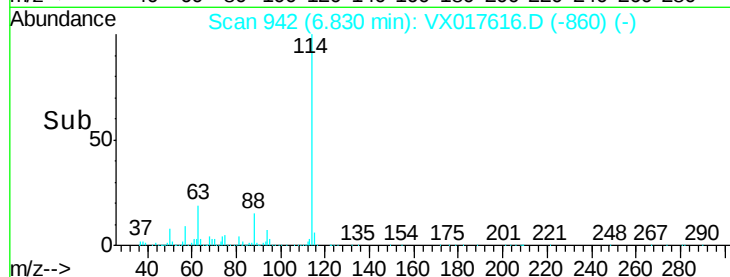
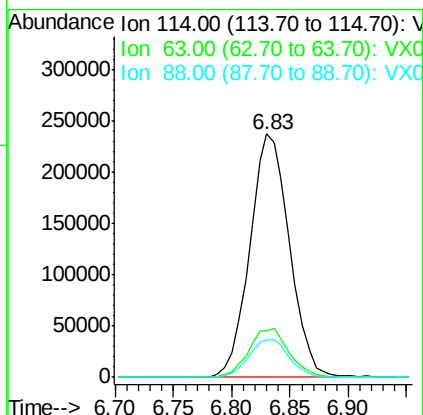
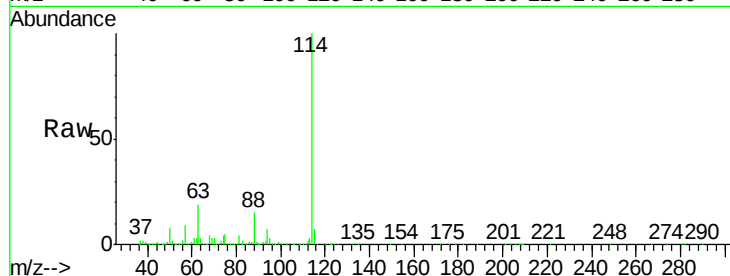




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017616.D
 Acq: 27 Jul 2020 14:28

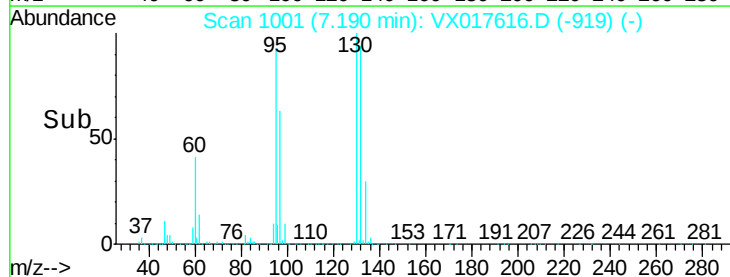
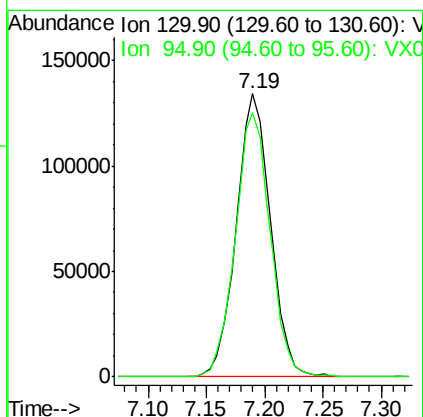
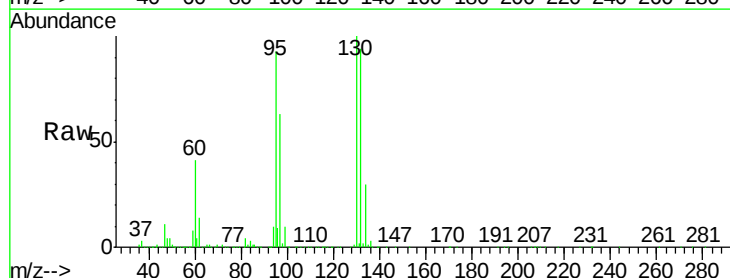
Instrument :
 MSVOA_X
 ClientSampleId :
 TT-017-IDWGW-20200723

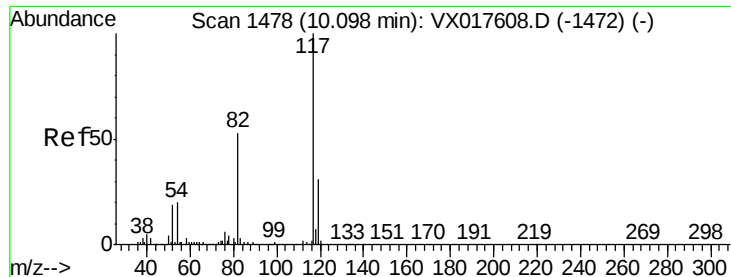
Tgt Ion:114 Resp: 561167
 Ion Ratio Lower Upper
 114 100
 63 20.5 16.3 24.5
 88 15.8 12.6 18.8



#37
 Trichloroethene
 Concen: 39.793 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017616.D
 Acq: 27 Jul 2020 14:28

Tgt Ion:130 Resp: 275535
 Ion Ratio Lower Upper
 130 100
 95 93.1 73.9 110.9

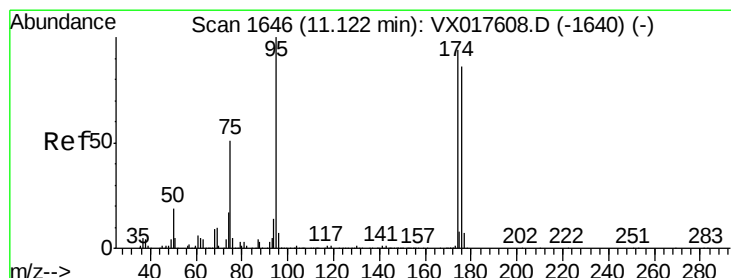
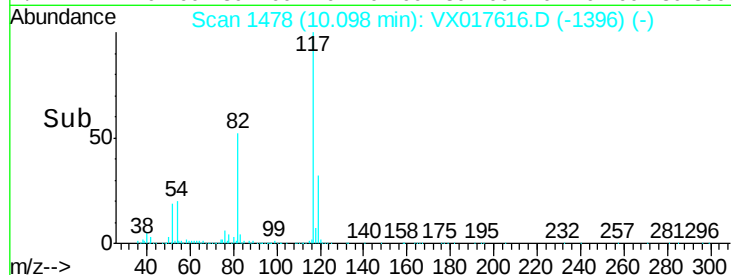
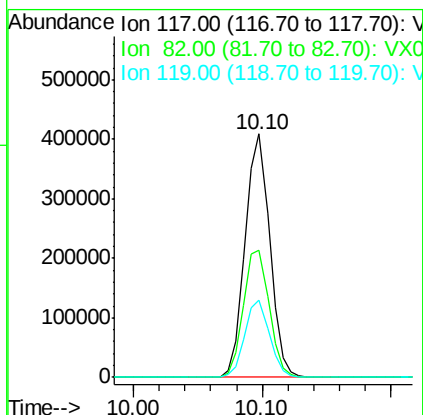
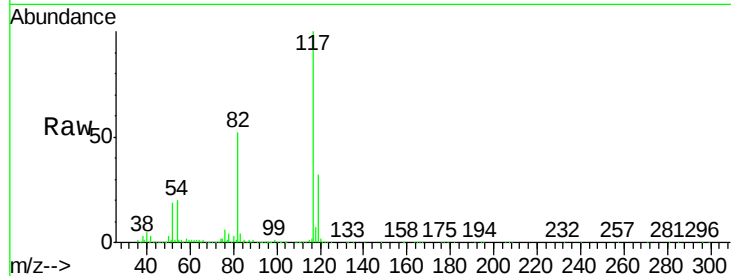




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

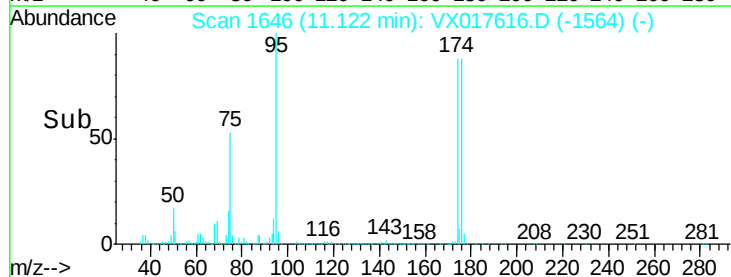
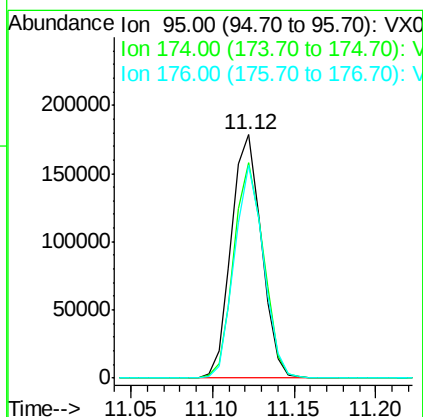
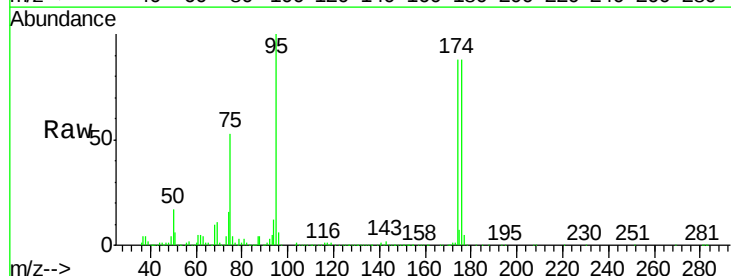
Instrument :
MSVOA_X
ClientSampleId :
TT-017-IDWGW-20200723

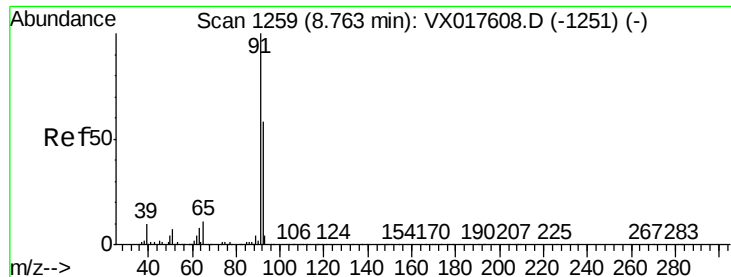
Tgt Ion: 117 Resp: 538031
Ion Ratio Lower Upper
117 100
82 54.8 43.6 65.4
119 31.8 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 25.384 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017616.D
Acq: 27 Jul 2020 14:28

Tgt Ion: 95 Resp: 231288
Ion Ratio Lower Upper
95 100
174 87.4 70.2 105.2
176 84.7 65.6 98.4





#62

Toluene

Concen: 0.573 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017616.D

Acq: 27 Jul 2020 14:28

Instrument :

MSVOA_X

ClientSampleId :

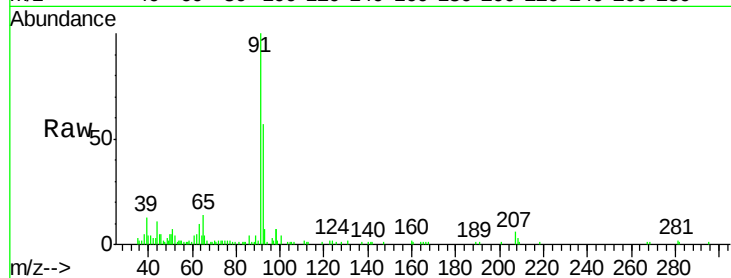
TT-017-IDW/GW-20200723

Tgt Ion: 91 Resp: 15323

Ion Ratio Lower Upper

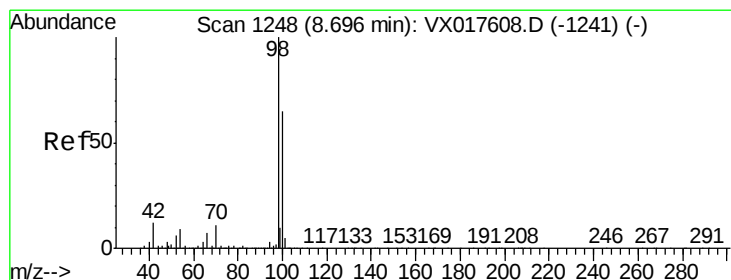
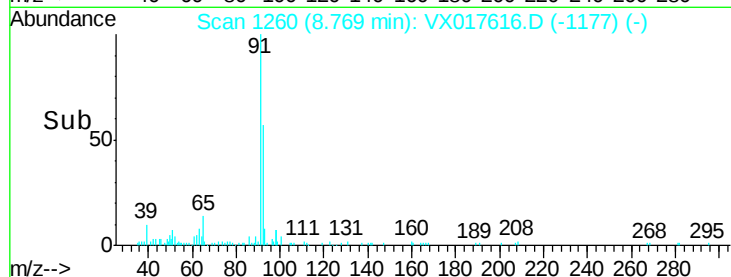
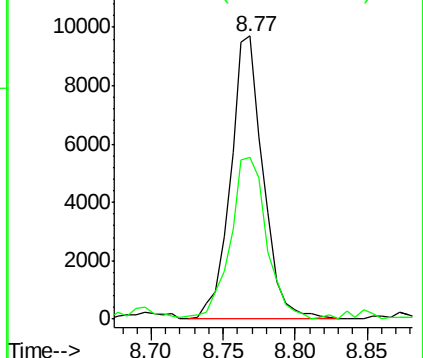
91 100

92 62.7 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



#63

Toluene-d8

Concen: 28.238 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017616.D

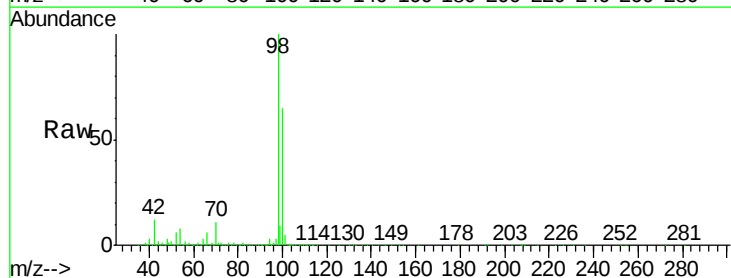
Acq: 27 Jul 2020 14:28

Tgt Ion: 98 Resp: 672331

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

