

Data File : VU027612.D
Acq On : 12 Oct 2018 09:08
Operator : MD/SY
Sample : VU1012WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Quant Time: Oct 13 01:40:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 01:37:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	175227	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	170795	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69955	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68495	49.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.34%
7) Chloroethane-d5	1.67	69	54237	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.10%
11) 1,1-Dichloroethene-d2	2.27	63	92091	35.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.20%
21) 2-Butanone-d5	4.18	46	108658	97.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.61%
24) Chloroform-d	4.65	84	108651	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
26) 1,2-Dichloroethane-d4	5.31	65	74582	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
32) Benzene-d6	5.34	84	223908	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.48%
36) 1,2-Dichloropropane-d6	6.33	67	81468	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.18%
41) Toluene-d8	7.57	98	198803	45.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.88%
43) trans-1,3-Dichloropropene-	7.85	79	35268	43.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.30%
47) 2-Hexanone-d5	8.31	63	79146	93.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	103374	47.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	66641	48.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.38%

Target Compounds

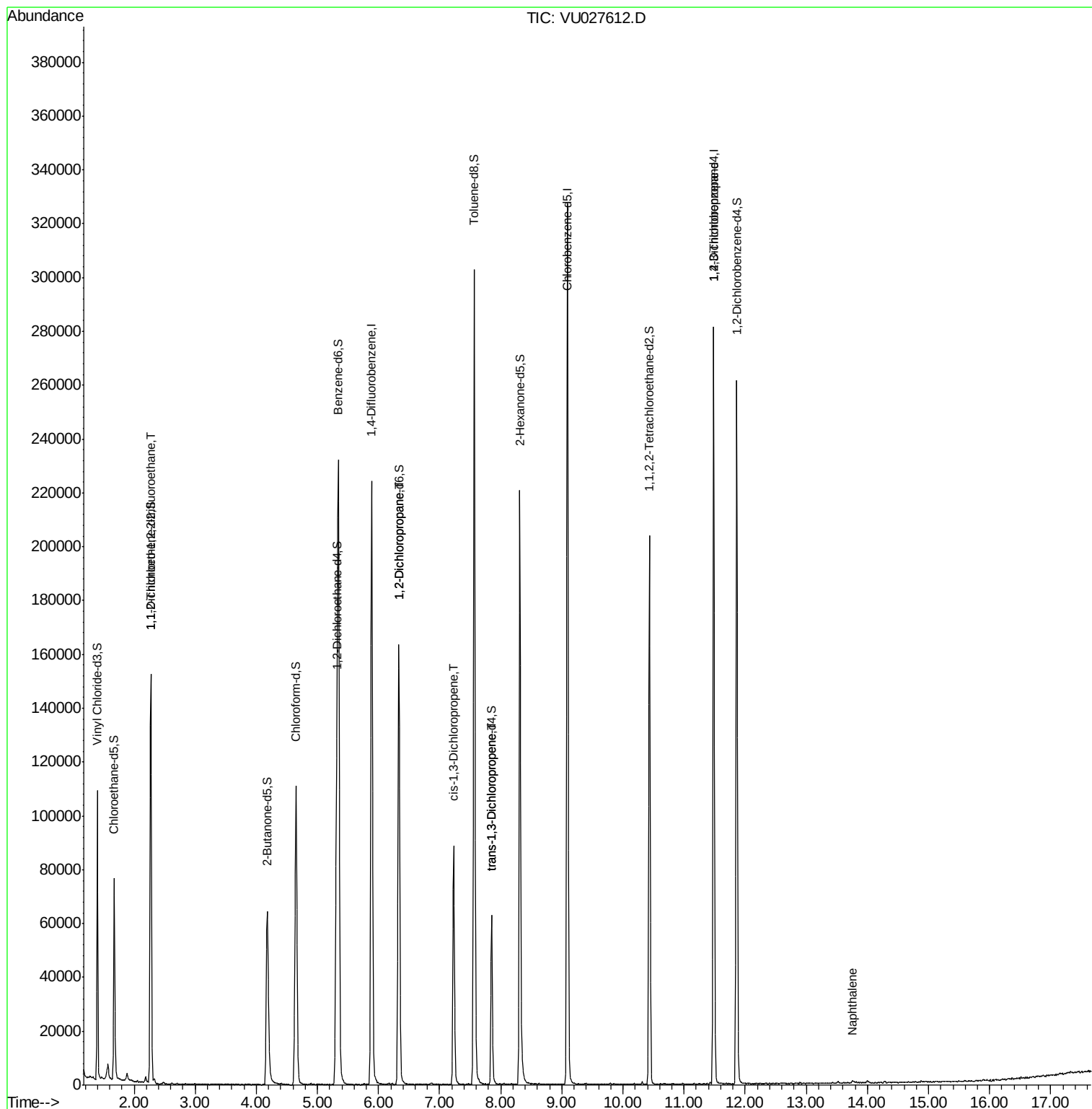
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	751	0.648	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	8108	4.986	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1898	0.794	ug/L #	51
44) trans-1,3-Dichloropropene	7.85	75	1483	0.669	ug/L	83
59) 1,2,3-Trichloropropane	11.48	75	9390	5.101	ug/L	90
69) Naphthalene	13.75	128	1834	0.384	ug/L #	84

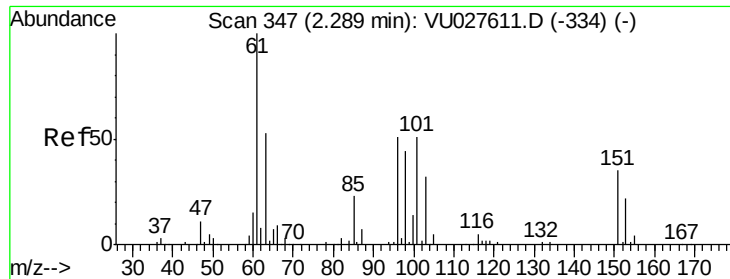
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VBLK56

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Quant Title : VOC Analysis
QLast Update : Sat Oct 13 01:37:08 2018
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.648 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU027612.D

Acq: 12 Oct 2018 09:08

Instrument :

MSVOA_U

ClientSampleId :

VBLK56

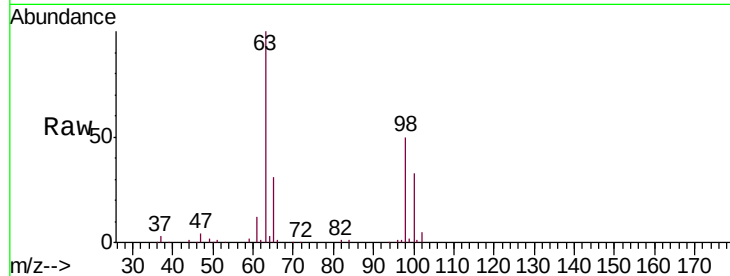
Tgt Ion: 101 Resp: 751

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

151 0.0 55.7 83.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.27

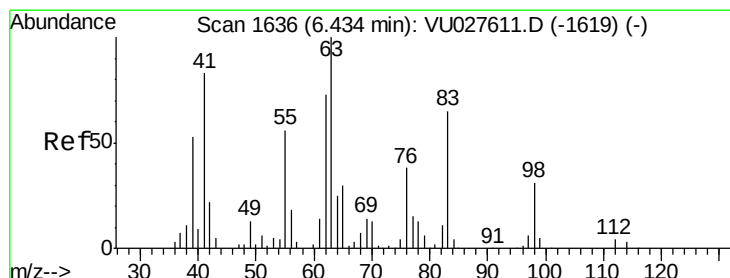
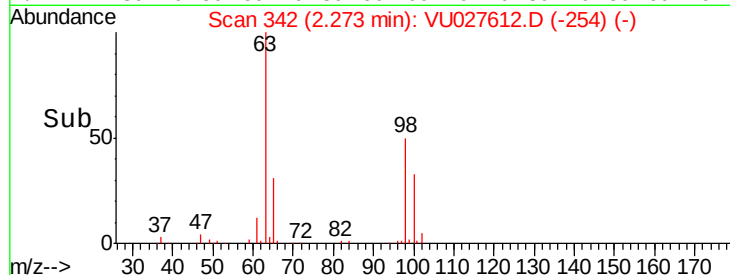
400

200

0

2.24 2.26 2.28 2.30

Time-->



#37

1,2-Dichloropropane

Concen: 4.986 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU027612.D

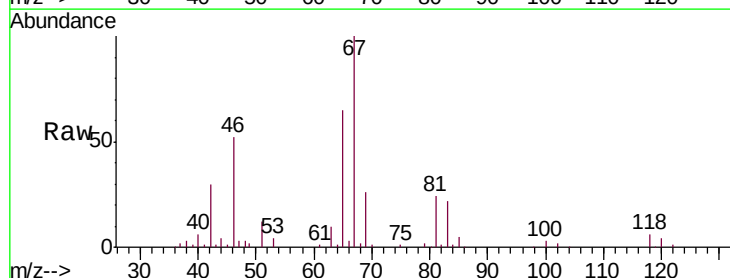
Acq: 12 Oct 2018 09:08

Tgt Ion: 63 Resp: 8108

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

4000

3000

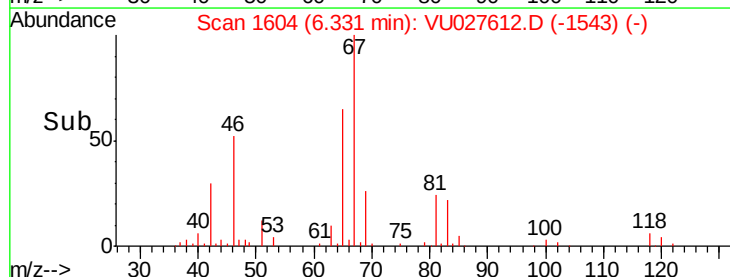
2000

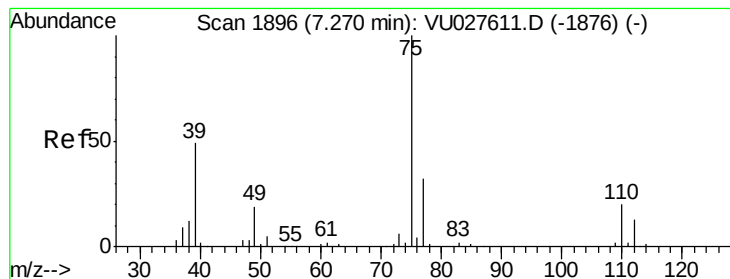
1000

0

6.30 6.35 6.40

Time-->



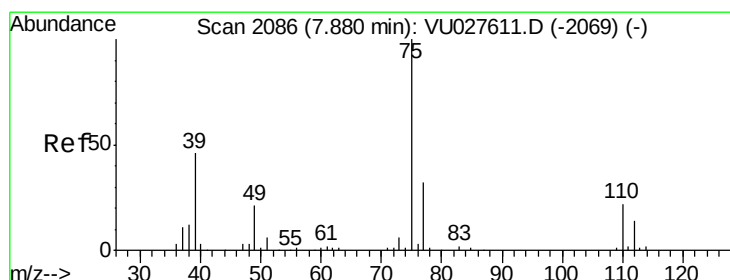
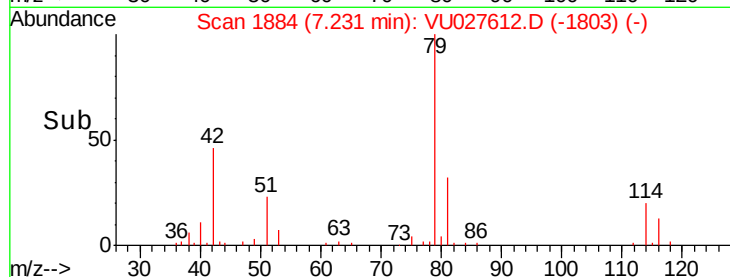
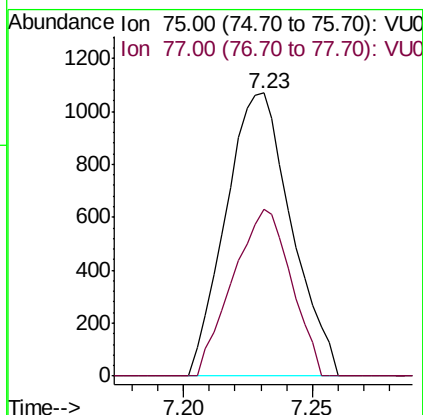
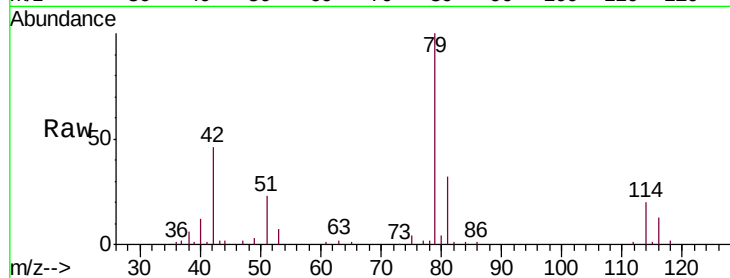


#39

cis-1,3-Dichloropropene
Concen: 0.794 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU027612.D
Acq: 12 Oct 2018 09:08

Instrument :
MSVOA_U
ClientSampled :
VBLK56

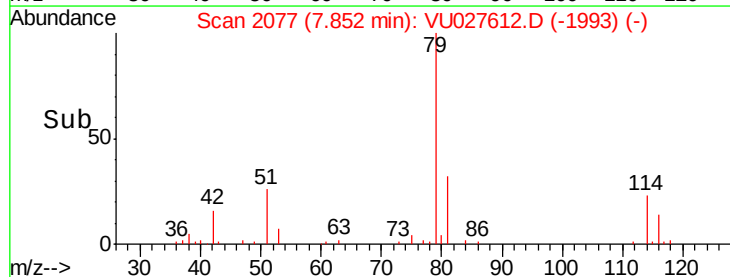
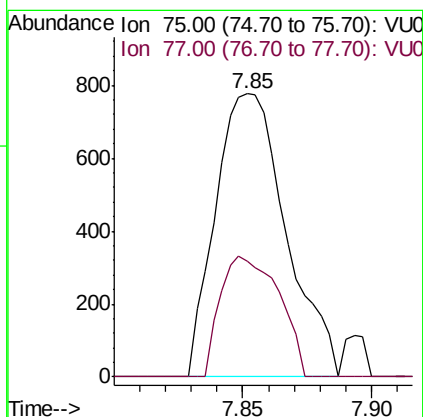
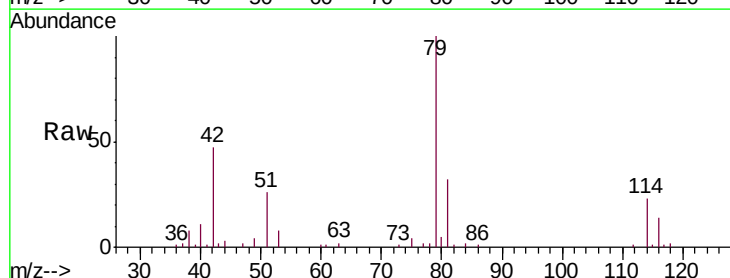
Tgt Ion: 75 Resp: 1898
Ion Ratio Lower Upper
75 100
77 58.8 22.1 41.1#

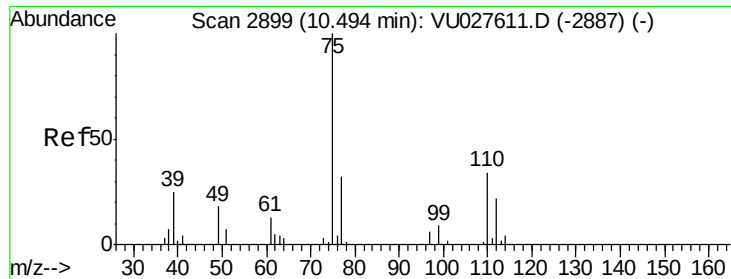


#44

trans-1,3-Dichloropropene
Concen: 0.669 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU027612.D
Acq: 12 Oct 2018 09:08

Tgt Ion: 75 Resp: 1483
Ion Ratio Lower Upper
75 100
77 41.1 22.2 41.2

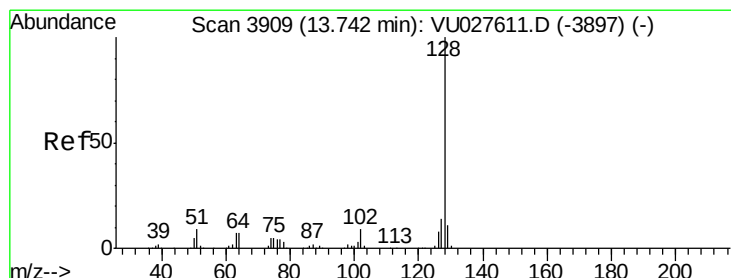
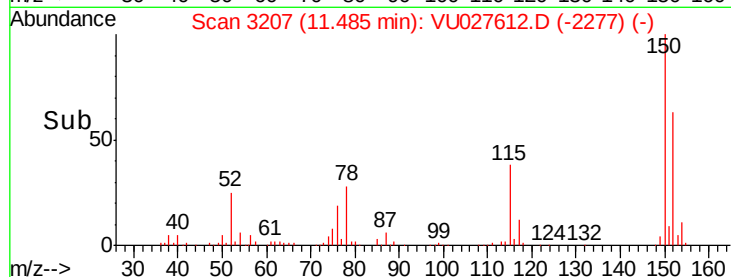
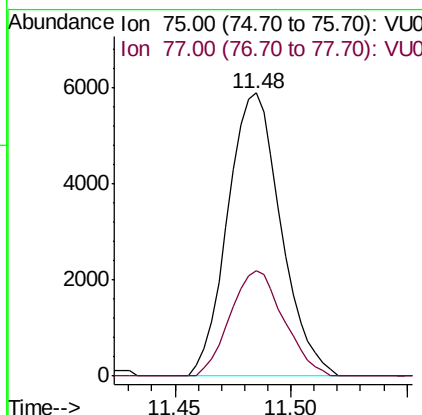
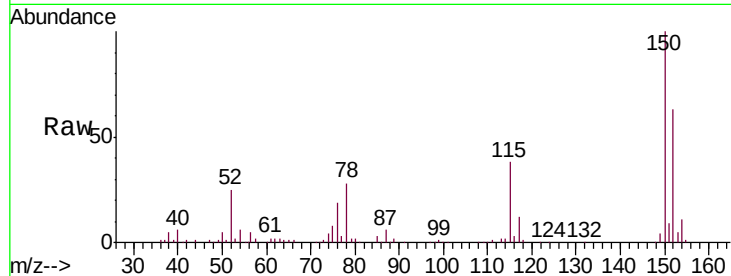




#59
 1,2,3-Trichloropropane
 Concen: 5.101 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027612.D
 Acq: 12 Oct 2018 09:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK56

Tgt Ion: 75 Resp: 9390
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.7 38.5



#69
 Naphthalene
 Concen: 0.384 ug/L
 RT: 13.75 min Scan# 3913
 Delta R.T. 0.01 min
 Lab File: VU027612.D
 Acq: 12 Oct 2018 09:08

Tgt Ion: 128 Resp: 1834
 Ion Ratio Lower Upper
 128 100
 127 2.5 10.4 15.6#
 129 9.2 8.6 12.8

