

Data File : VU027506.D
Acq On : 08 Oct 2018 18:01
Operator : MD/SY
Sample : J5298-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62T9

Quant Time: Oct 09 05:23:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 05:21:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	179620	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	171365	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	75915	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55381	39.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.36%
7) Chloroethane-d5	1.68	69	47458	43.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.16%
11) 1,1-Dichloroethene-d2	2.27	63	78015	29.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.84%#
21) 2-Butanone-d5	4.18	46	130078	113.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.99%
24) Chloroform-d	4.65	84	111460	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.31	65	78318	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.86%
32) Benzene-d6	5.34	84	217127	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.42%
36) 1,2-Dichloropropane-d6	6.33	67	80855	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.12%
41) Toluene-d8	7.57	98	177875	40.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.04%
43) trans-1,3-Dichloropropene-	7.85	79	35112	43.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.62%
47) 2-Hexanone-d5	8.31	63	90014	105.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110116	50.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	70045	47.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.32%

Target Compounds

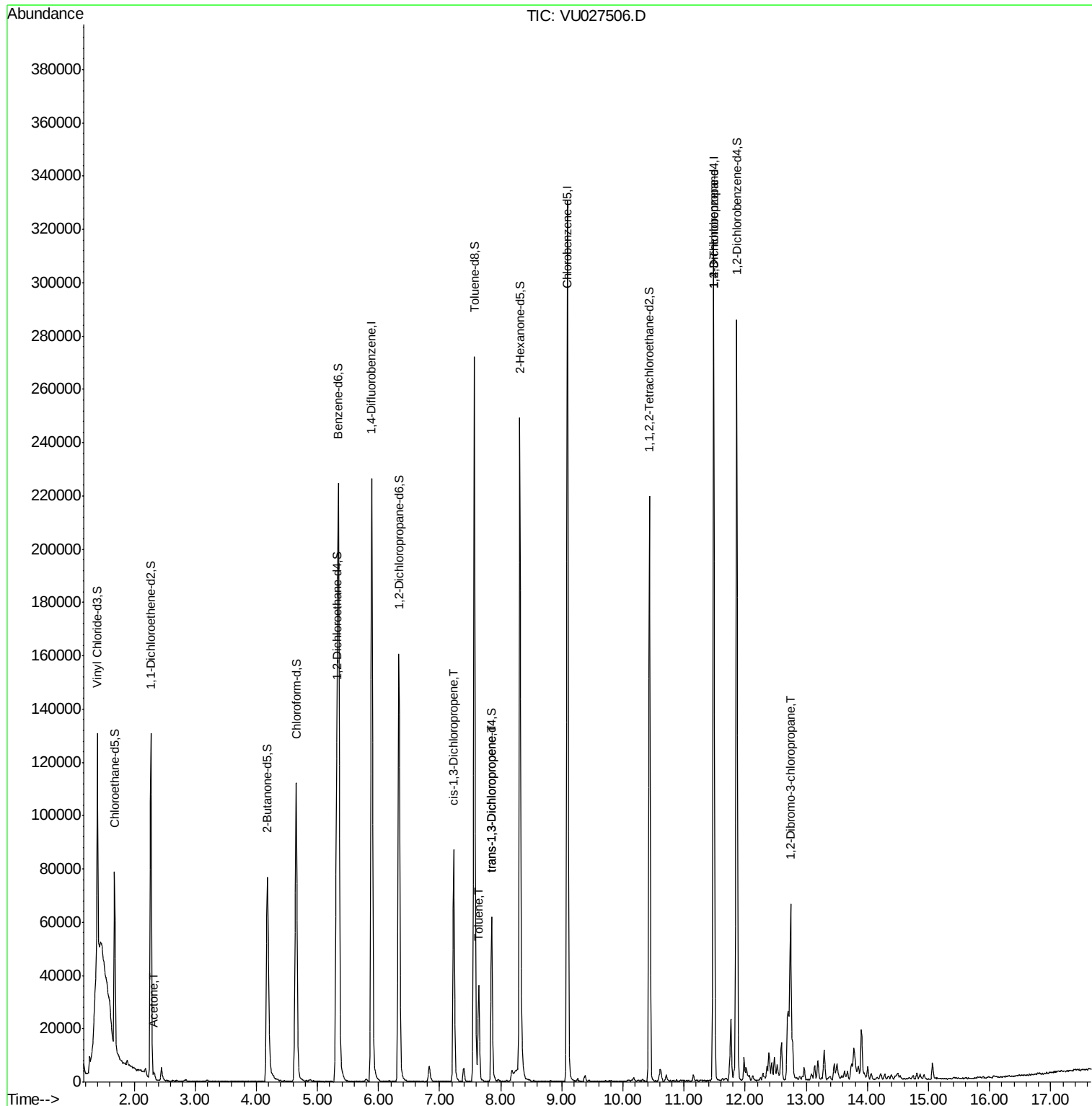
					Qvalue
13) Acetone	2.32	43	1682	1.797 ug/L	83
39) cis-1,3-Dichloropropene	7.23	75	2015	0.841 ug/L #	71
42) Toluene	7.64	91	25364	4.489 ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	1470	0.661 ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	10857	5.878 ug/L	89
66) 1,2-Dibromo-3-chloropropan	12.74	75	1448	3.248 ug/L #	6

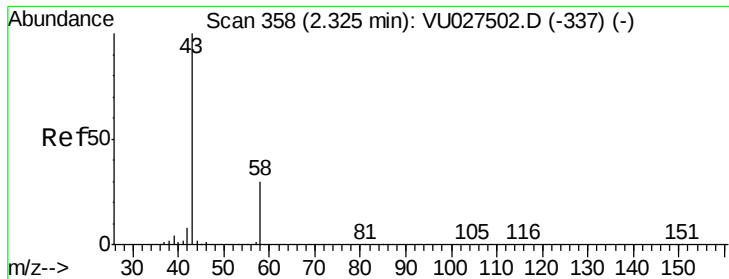
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.797 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

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Acq: 08 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

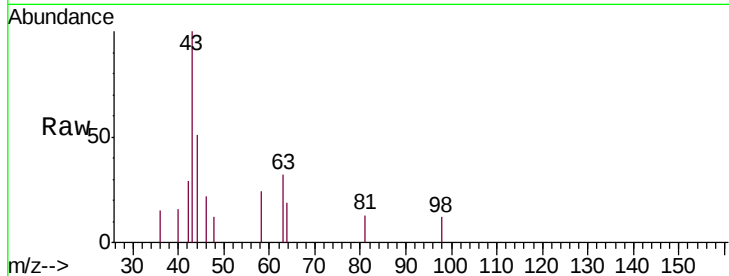
E62T9

Tgt Ion: 43 Resp: 1682

Ion Ratio Lower Upper

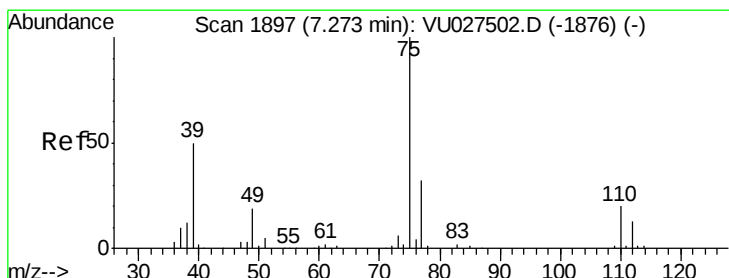
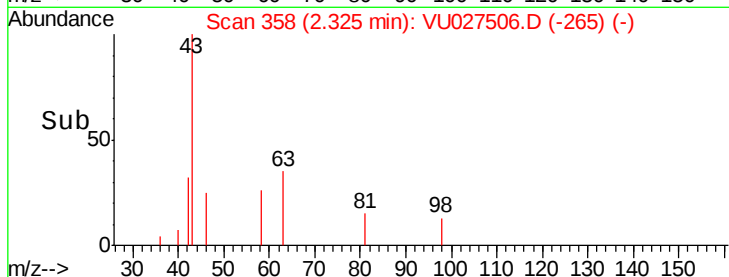
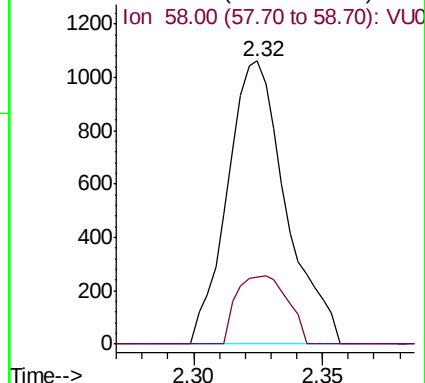
43 100

58 21.1 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU027502.D (-337) (-)

Ion 58.00 (57.70 to 58.70): VU027502.D (-337) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.841 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU027506.D

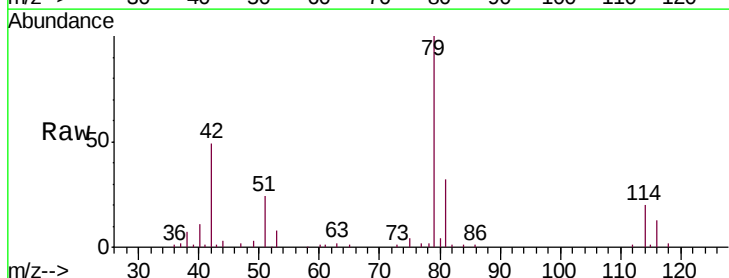
Acq: 08 Oct 2018 18:01

Tgt Ion: 75 Resp: 2015

Ion Ratio Lower Upper

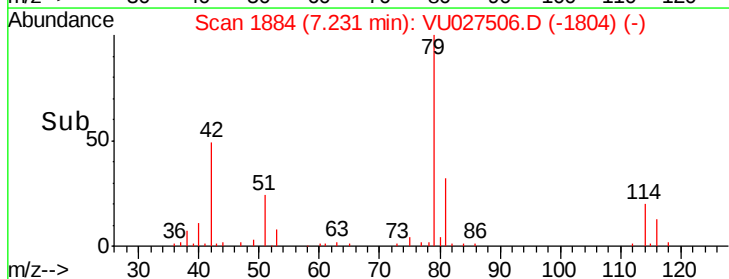
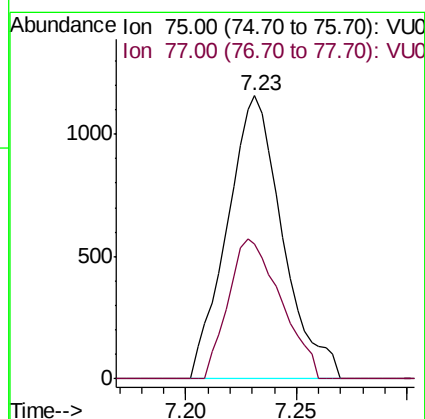
75 100

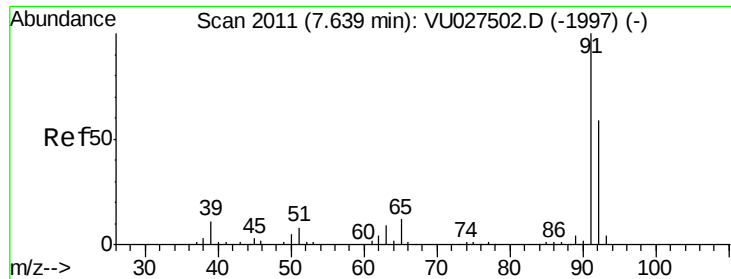
77 47.5 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU027502.D (-1876) (-)

Ion 77.00 (76.70 to 77.70): VU027502.D (-1876) (-)





#42

Toluene

Concen: 4.489 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027506.D

Acq: 08 Oct 2018 18:01

Instrument :

MSVOA_U

ClientSampleId :

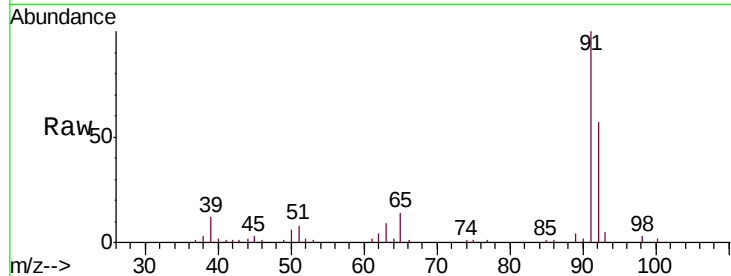
E62T9

Tgt Ion: 91 Resp: 25364

Ion Ratio Lower Upper

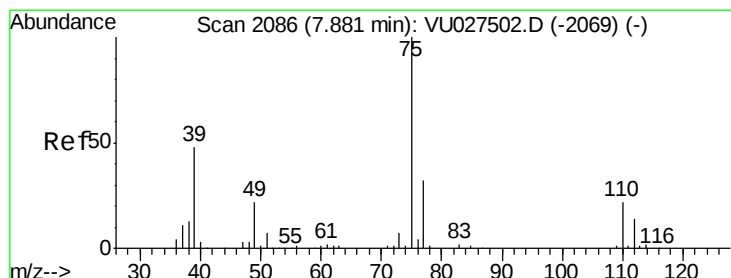
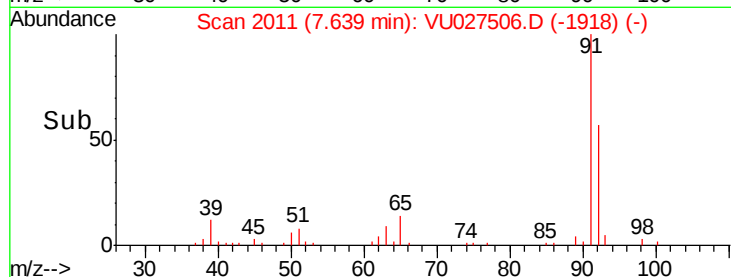
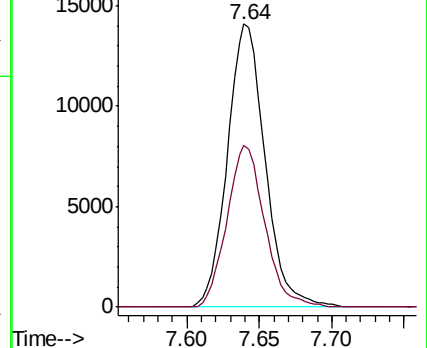
91 100

92 57.3 40.2 74.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.661 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU027506.D

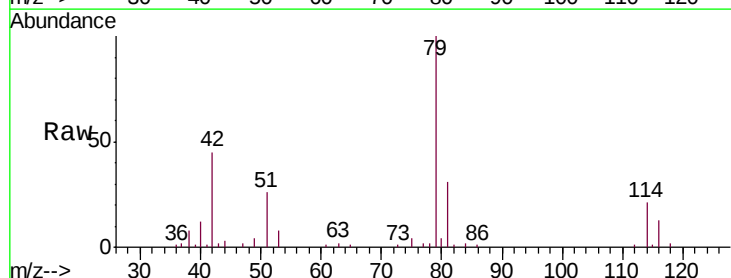
Acq: 08 Oct 2018 18:01

Tgt Ion: 75 Resp: 1470

Ion Ratio Lower Upper

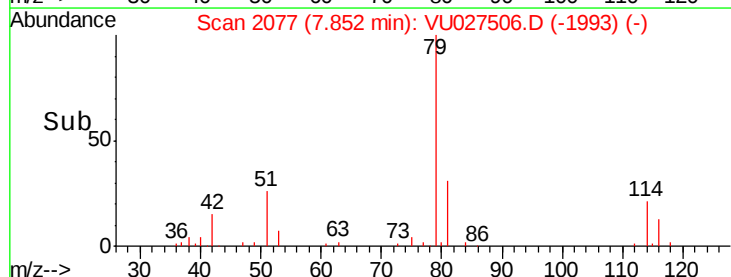
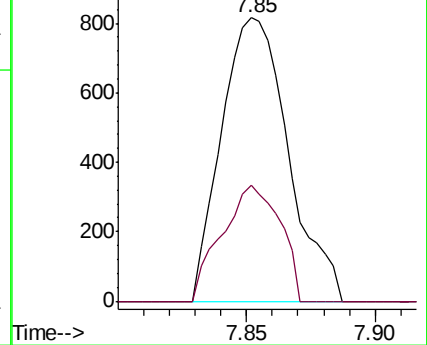
75 100

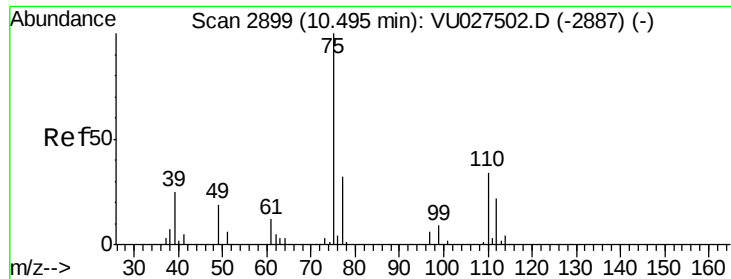
77 40.8 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

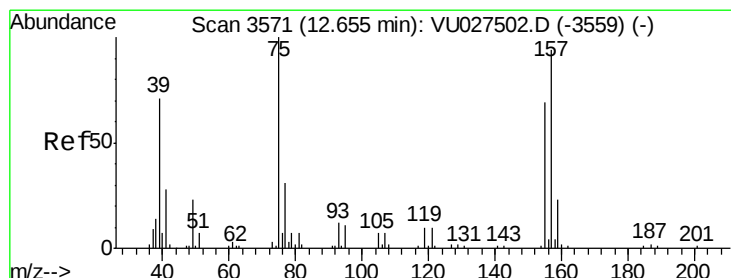
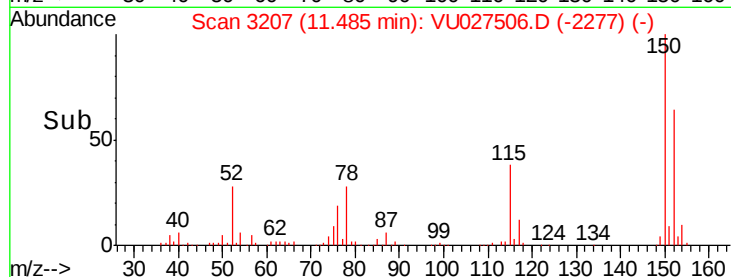
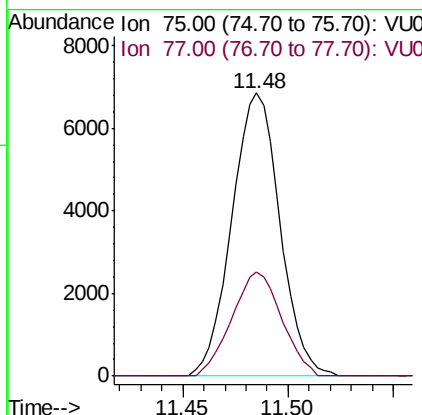
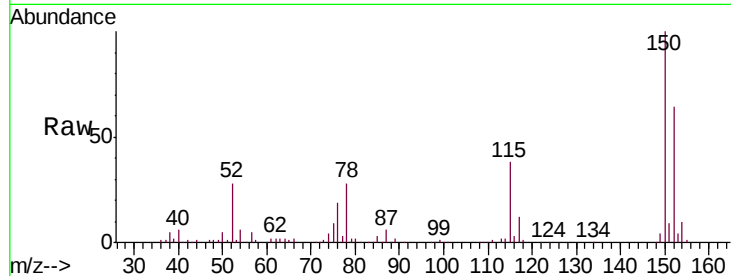




#59
 1,2,3-Trichloropropane
 Concen: 5.878 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027506.D
 Acq: 08 Oct 2018 18:01

Instrument :
 MSVOA_U
 ClientSampleId :
 E62T9

Tgt Ion: 75 Resp: 10857
 Ion Ratio Lower Upper
 75 100
 77 38.1 25.7 38.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.248 ug/L
 RT: 12.74 min Scan# 3598
 Delta R.T. 0.09 min
 Lab File: VU027506.D
 Acq: 08 Oct 2018 18:01

Tgt Ion: 75 Resp: 1448
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.0 91.6#
 157 0.0 77.8 116.8#

