

Data File : VU027508.D
Acq On : 08 Oct 2018 18:48
Operator : MD/SY
Sample : J5298-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62W1

Quant Time: Oct 09 05:23:19 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	185966	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	173490	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	74856	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54804	37.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.90%
7) Chloroethane-d5	1.68	69	47785	42.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.76%
11) 1,1-Dichloroethene-d2	2.27	63	79023	28.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.56%#
21) 2-Butanone-d5	4.18	46	129765	109.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.83%
24) Chloroform-d	4.65	84	112008	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
26) 1,2-Dichloroethane-d4	5.31	65	78277	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
32) Benzene-d6	5.34	84	218023	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.70%
36) 1,2-Dichloropropane-d6	6.33	67	80435	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.46%
41) Toluene-d8	7.57	98	177019	39.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.66%#
43) trans-1,3-Dichloropropene-	7.85	79	34491	42.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.06%
47) 2-Hexanone-d5	8.31	63	90229	104.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110472	49.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	68930	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%

Target Compounds

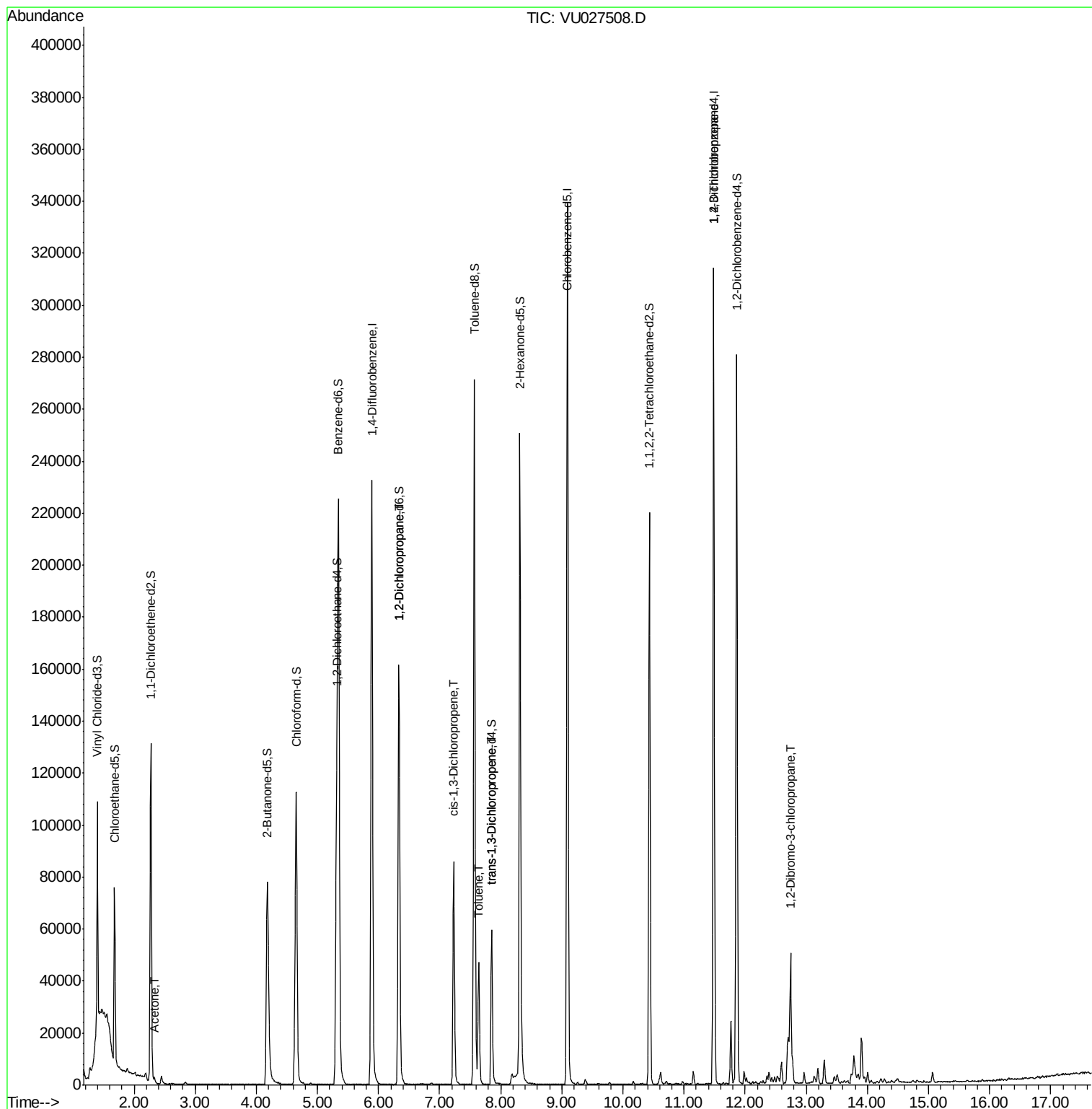
					Qvalue
13) Acetone	2.33	43	738	0.762 ug/L	70
37) 1,2-Dichloropropane	6.33	63	8441	5.110 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1888	0.778 ug/L #	66
42) Toluene	7.64	91	33167	5.798 ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	1478	0.656 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	10341	5.530 ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.74	75	1415	3.218 ug/L #	6

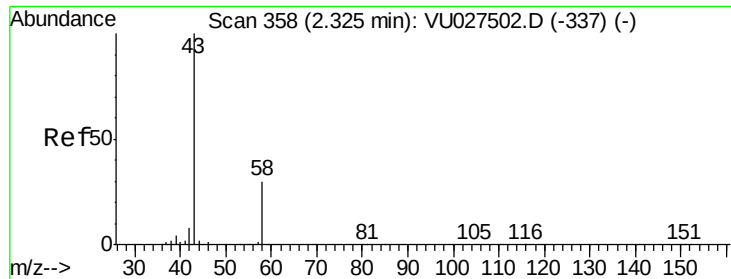
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 09 05:21:41 2018
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#13

Acetone

Concen: 0.762 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.00 min

Lab File: VU027508.D

Acq: 08 Oct 2018 18:48

Instrument :

MSVOA_U

ClientSampled :

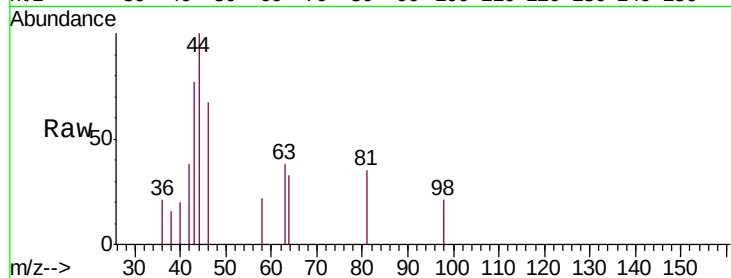
E62W1

Tgt Ion: 43 Resp: 738

Ion Ratio Lower Upper

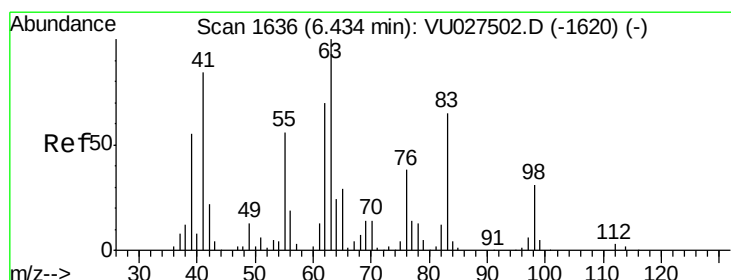
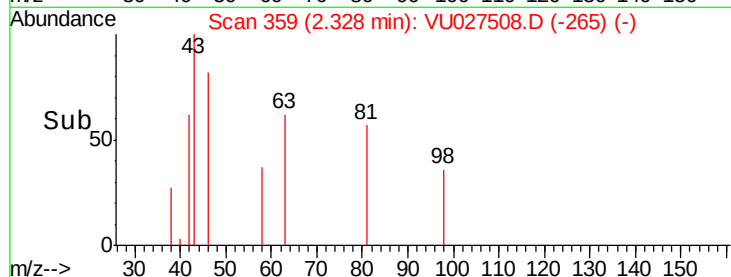
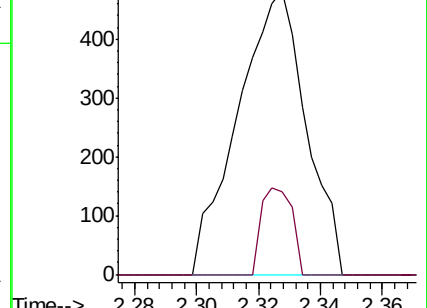
43 100

58 13.8 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 5.110 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU027508.D

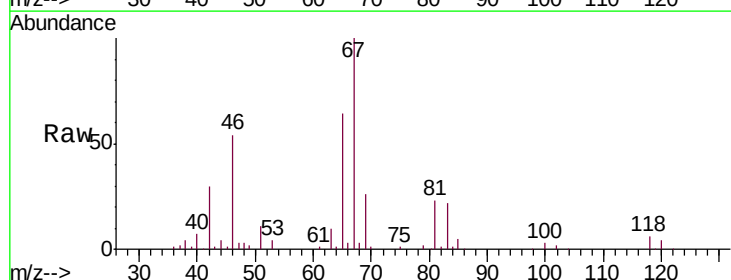
Acq: 08 Oct 2018 18:48

Tgt Ion: 63 Resp: 8441

Ion Ratio Lower Upper

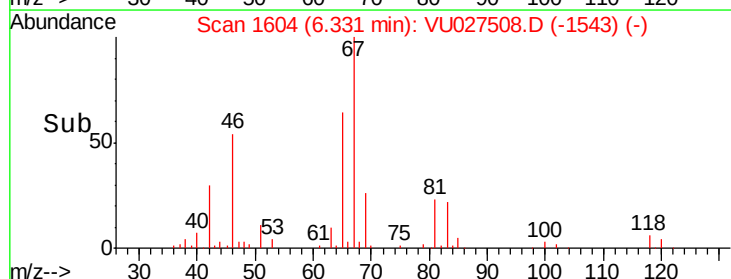
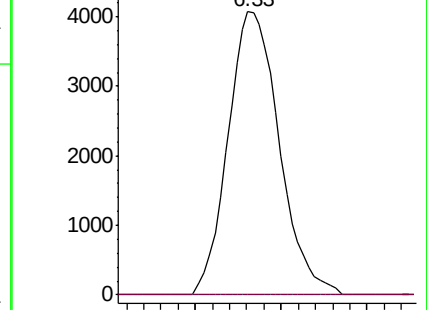
63 100

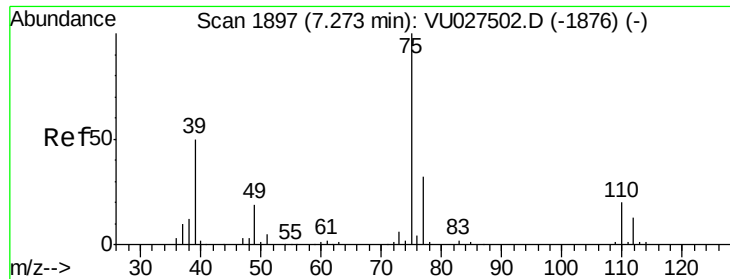
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

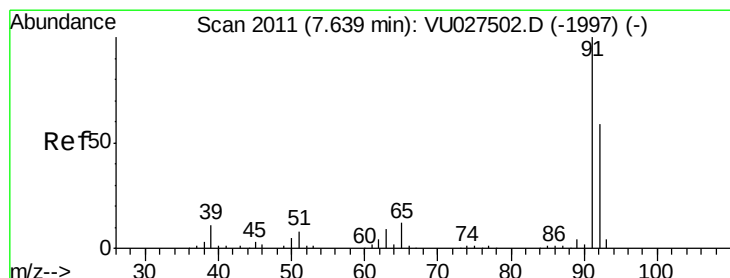
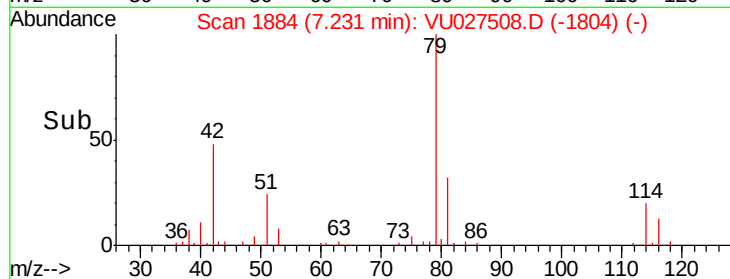
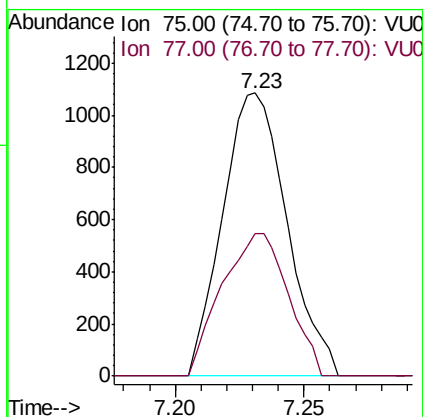
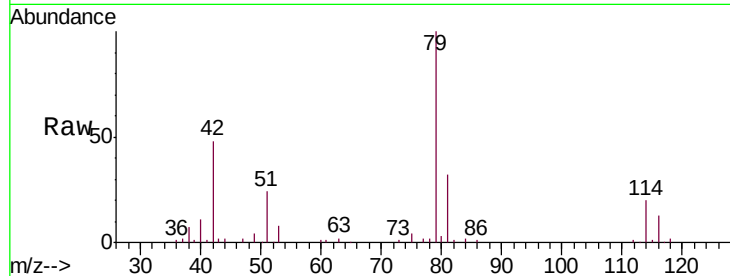




#39
 cis-1,3-Dichloropropene
 Concen: 0.778 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027508.D
 Acq: 08 Oct 2018 18:48

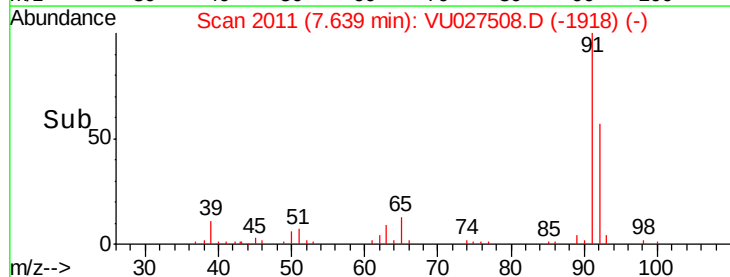
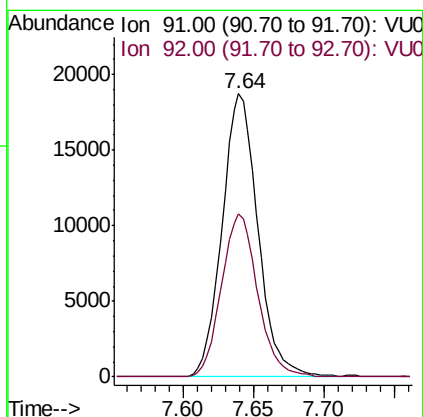
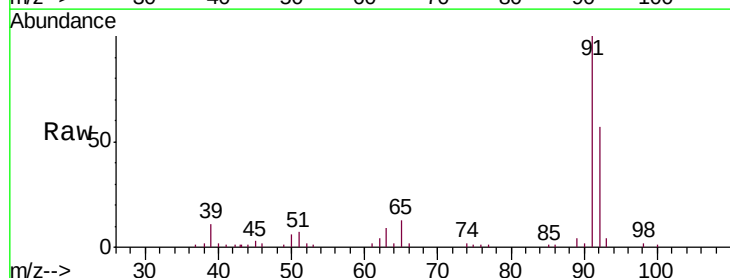
Instrument :
 MSVOA_U
 ClientSampleId :
 E62W1

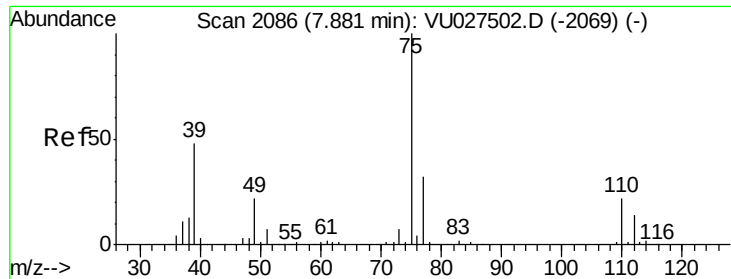
Tgt Ion: 75 Resp: 1888
 Ion Ratio Lower Upper
 75 100
 77 50.3 22.1 41.1#



#42
 Toluene
 Concen: 5.798 ug/L
 RT: 7.64 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: VU027508.D
 Acq: 08 Oct 2018 18:48

Tgt Ion: 91 Resp: 33167
 Ion Ratio Lower Upper
 91 100
 92 57.4 40.2 74.6





#44

trans-1,3-Dichloropropene

Concen: 0.656 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU027508.D

Acq: 08 Oct 2018 18:48

Instrument :

MSVOA_U

ClientSampleId :

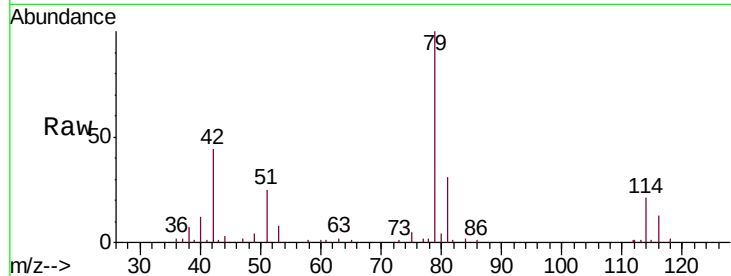
E62W1

Tgt Ion: 75 Resp: 1478

Ion Ratio Lower Upper

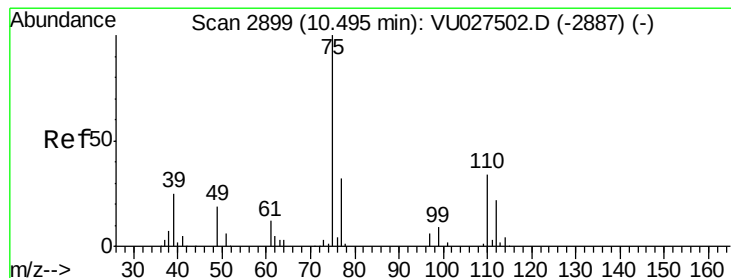
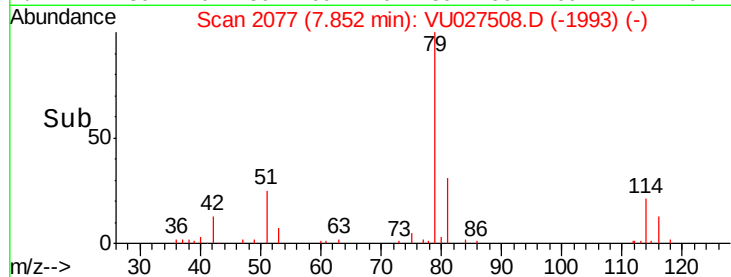
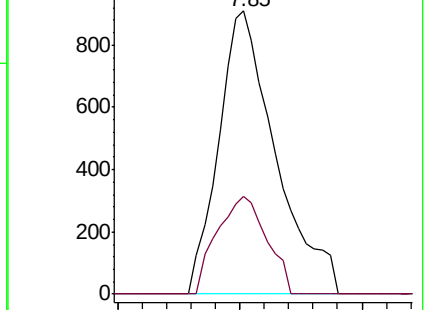
75 100

77 34.5 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: 5.530 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027508.D

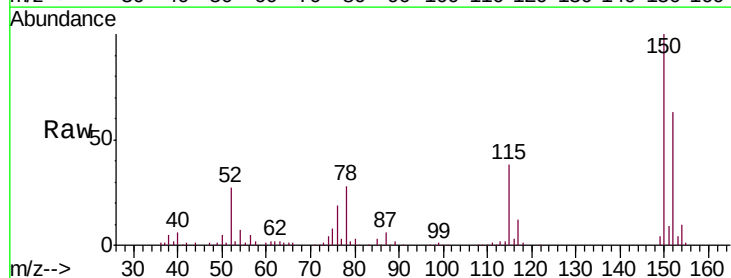
Acq: 08 Oct 2018 18:48

Tgt Ion: 75 Resp: 10341

Ion Ratio Lower Upper

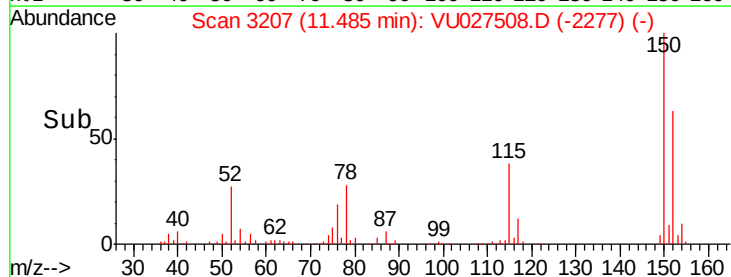
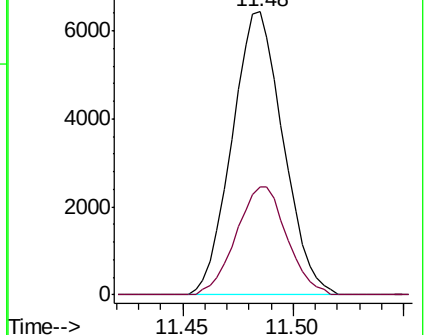
75 100

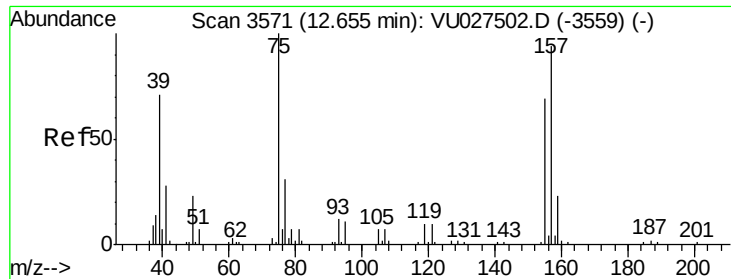
77 37.9 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#66

1,2-Dibromo-3-chloropropane

Concen: 3.218 ug/L

RT: 12.74 min Scan# 3598

Delta R.T. 0.09 min

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Instrument :

MSVOA_U

ClientSampleId :

E62W1

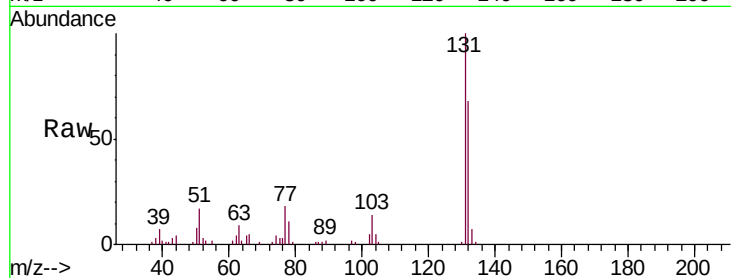
Tgt Ion: 75 Resp: 1415

Ion Ratio Lower Upper

75 100

155 0.0 61.0 91.6#

157 0.0 77.8 116.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

