

Data File : VU027635.D
Acq On : 12 Oct 2018 20:04
Operator : MD/SY
Sample : VU1012WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK57

Quant Time: Oct 13 04:10:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 04:07:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	174176	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	160553	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63947	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61467	44.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.68%
7) Chloroethane-d5	1.68	69	48845	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.52%
11) 1,1-Dichloroethene-d2	2.27	63	87724	34.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.24%
21) 2-Butanone-d5	4.18	46	104585	94.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.51%
24) Chloroform-d	4.65	84	104902	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
26) 1,2-Dichloroethane-d4	5.31	65	72843	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
32) Benzene-d6	5.34	84	212784	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
36) 1,2-Dichloropropane-d6	6.33	67	75038	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.22%
41) Toluene-d8	7.57	98	175611	42.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.85	79	30017	39.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.04%
47) 2-Hexanone-d5	8.31	63	69570	87.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93729	45.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	59238	47.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.70%

Target Compounds

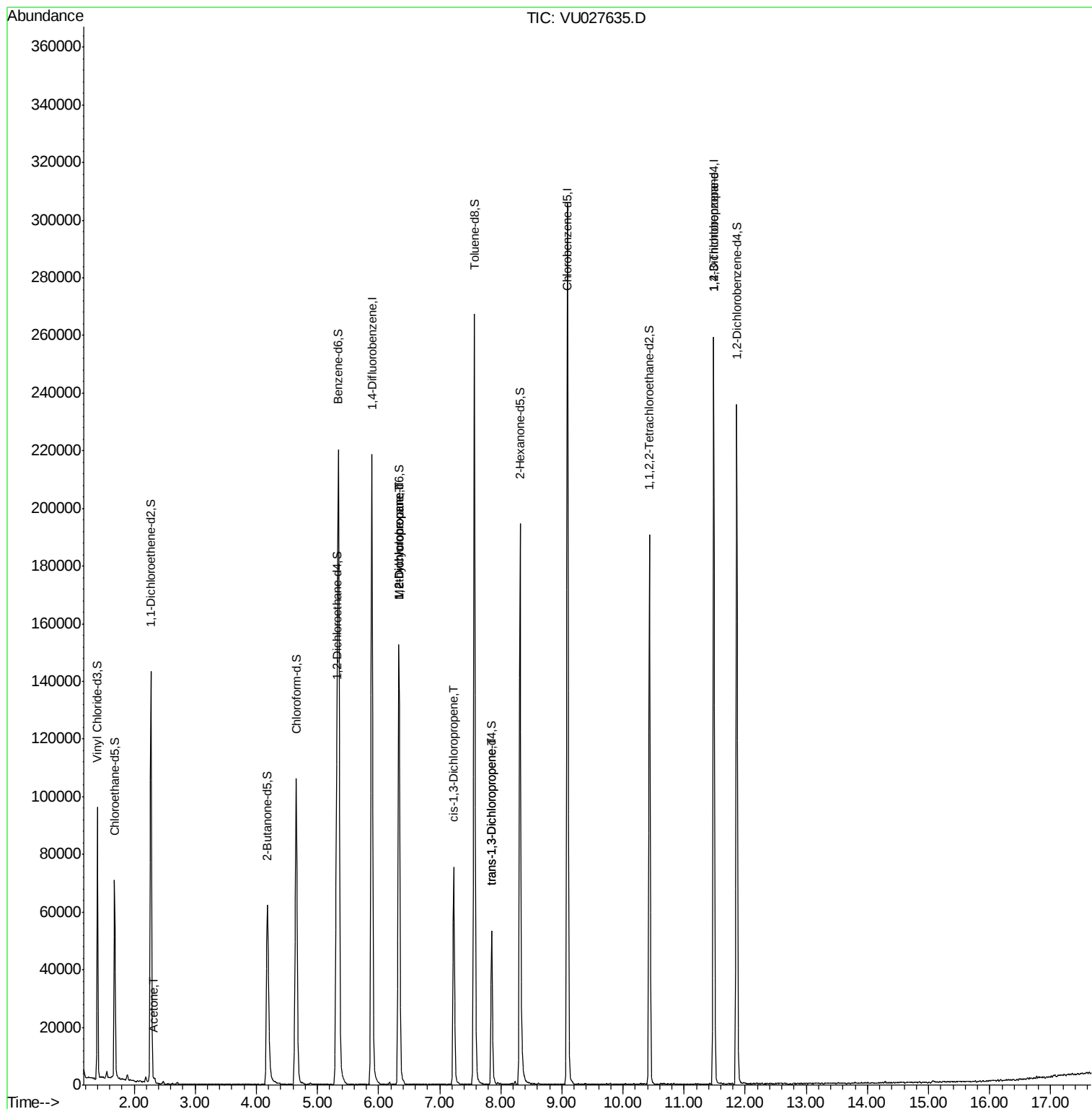
					Qvalue
13) Acetone	2.32	43	529	0.583 ug/L #	44
35) Methylcyclohexane	6.33	83	16438	7.456 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	7876	5.153 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1892	0.842 ug/L #	50
44) trans-1,3-Dichloropropene	7.85	75	1343	0.644 ug/L #	80
59) 1,2,3-Trichloropropane	11.48	75	8537	4.933 ug/L #	87

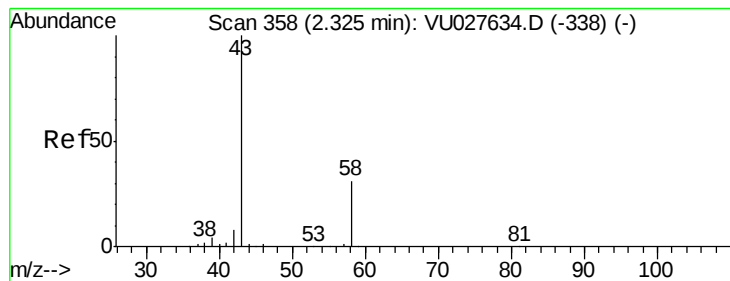
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.583 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027635.D

Acq: 12 Oct 2018 20:04

Instrument :

MSVOA_U

ClientSampleId :

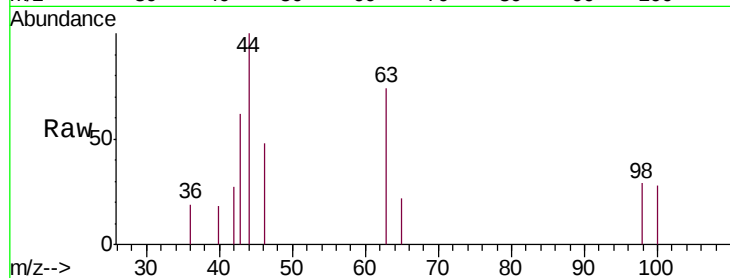
VBLK57

Tgt Ion: 43 Resp: 529

Ion Ratio Lower Upper

43 100

58 0.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

300

200

100

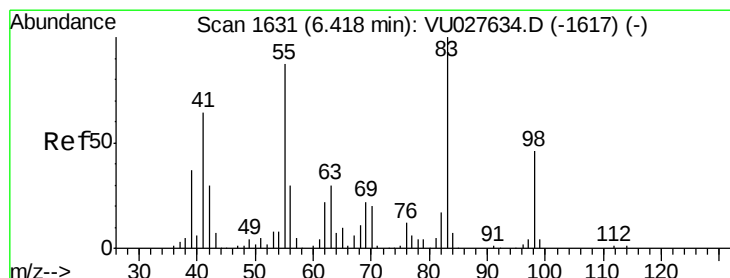
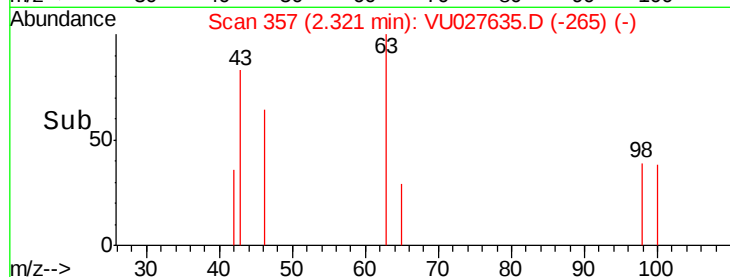
0

Time-->

2.30

2.32

2.34



#35

Methylcyclohexane

Concen: 7.456 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

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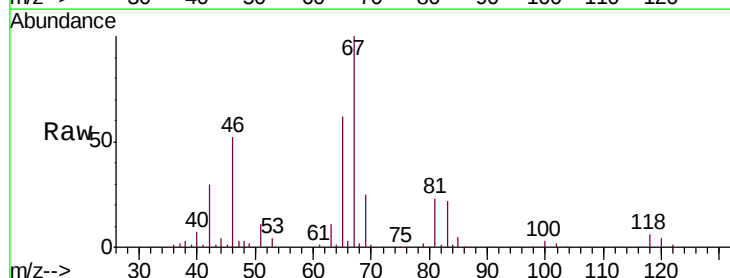
Tgt Ion: 83 Resp: 16438

Ion Ratio Lower Upper

83 100

55 0.0 69.9 104.9#

98 0.7 37.1 55.7#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

10000

8000

6000

4000

2000

0

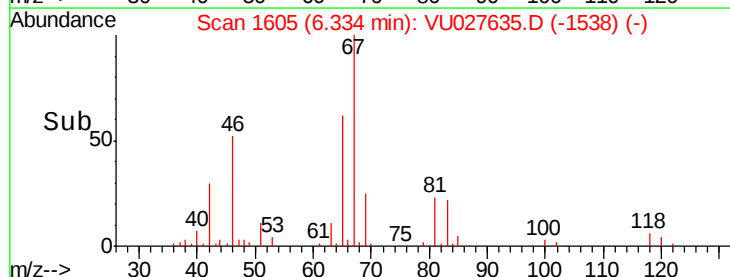
Time-->

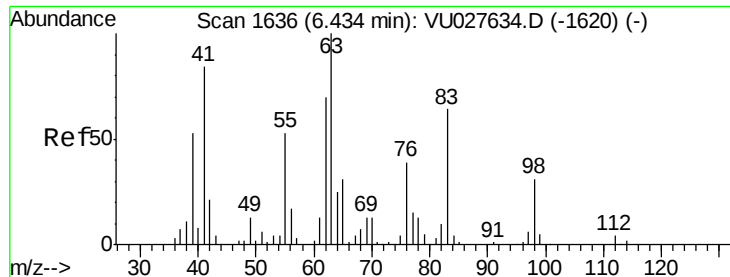
6.25

6.30

6.35

6.40

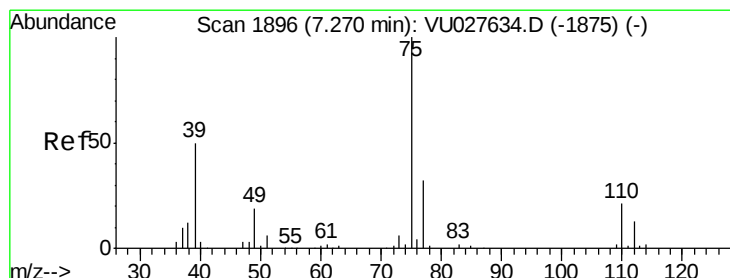
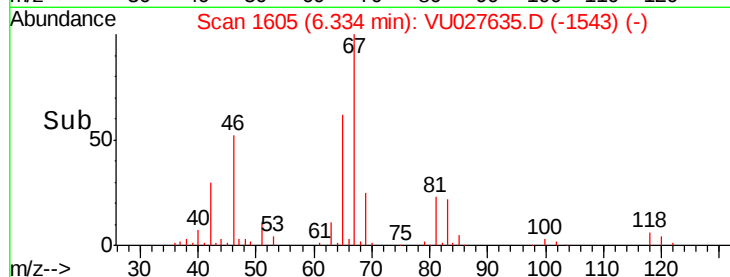
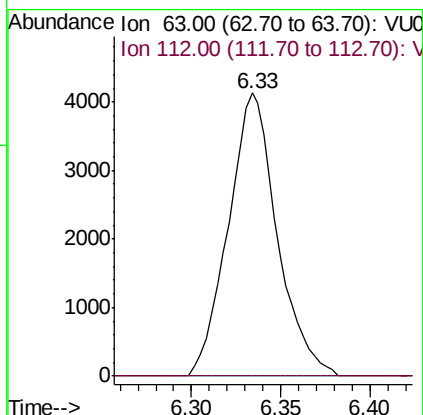
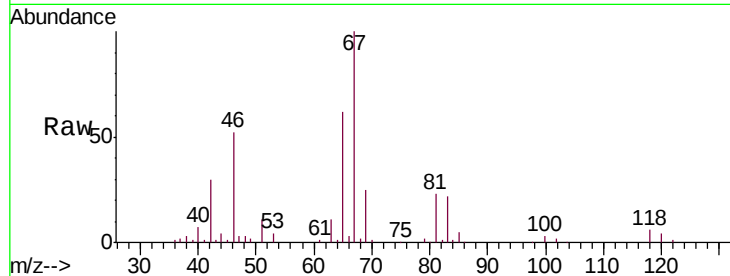




#37
 1,2-Dichloropropane
 Concen: 5.153 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027635.D
 Acq: 12 Oct 2018 20:04

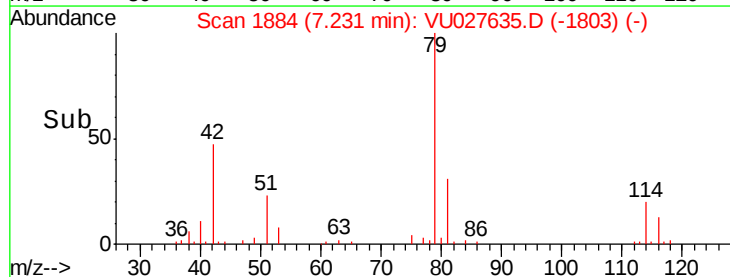
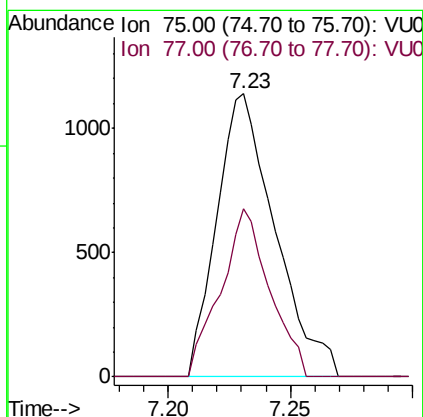
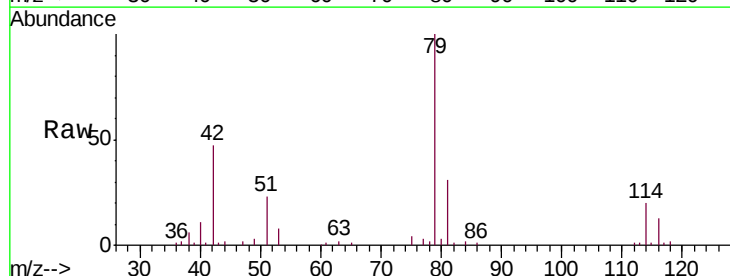
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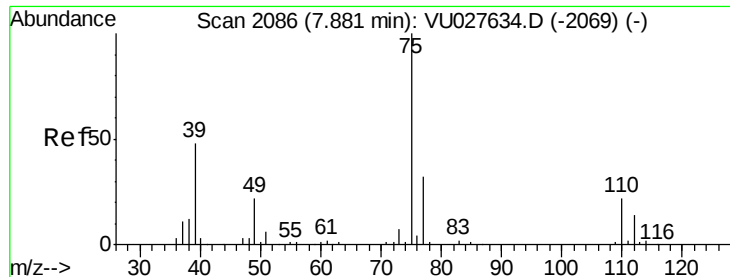
Tgt Ion: 63 Resp: 7876
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.842 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027635.D
 Acq: 12 Oct 2018 20:04

Tgt Ion: 75 Resp: 1892
 Ion Ratio Lower Upper
 75 100
 77 59.4 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.644 ug/L

RT: 7.85 min Scan# 2078

Delta R.T. -0.03 min

Lab File: VU027635.D

Acq: 12 Oct 2018 20:04

Instrument :

MSVOA_U

ClientSampleId :

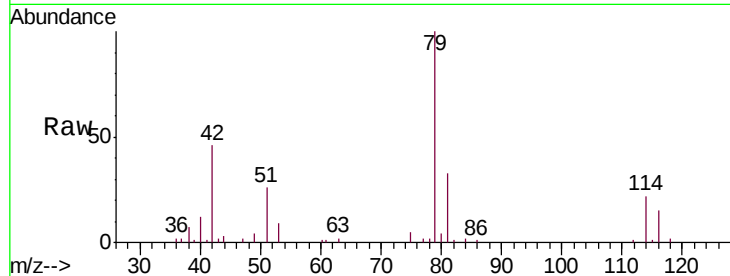
VBLK57

Tgt Ion: 75 Resp: 1343

Ion Ratio Lower Upper

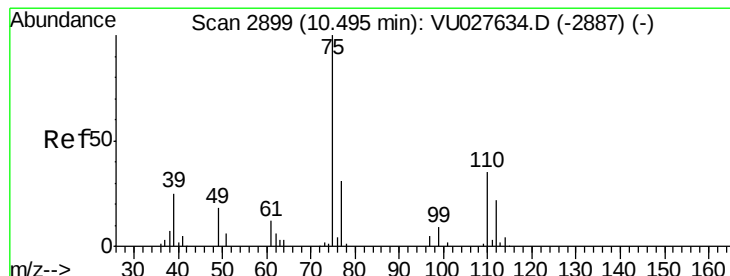
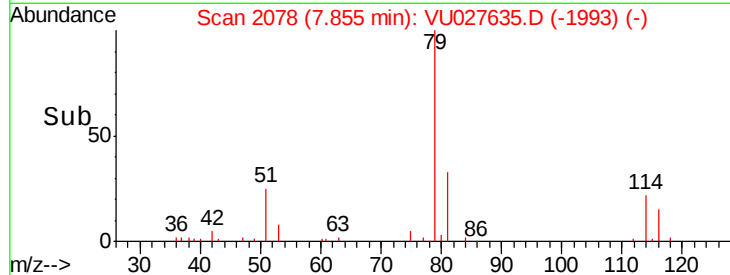
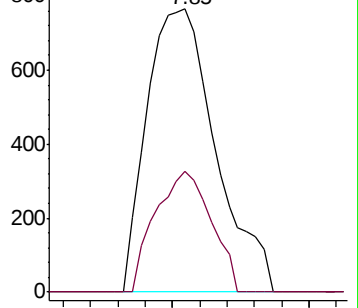
75 100

77 42.7 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: 4.933 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027635.D

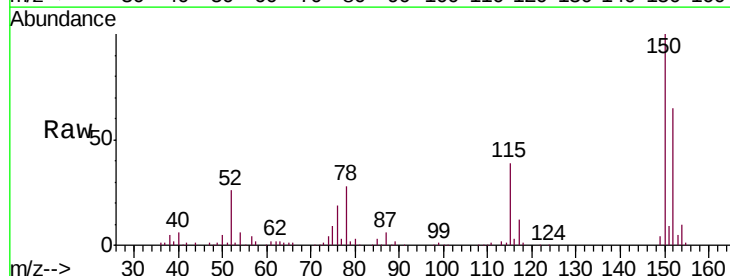
Acq: 12 Oct 2018 20:04

Tgt Ion: 75 Resp: 8537

Ion Ratio Lower Upper

75 100

77 39.4 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

