

Data File : VU026846.D
Acq On : 18 Sep 2018 08:55
Operator : MD/SY
Sample : J4890-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Sep 19 05:06:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	237573	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	227848	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	94032	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82241	46.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.60%
7) Chloroethane-d5	1.68	69	73171	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.28%
11) 1,1-Dichloroethene-d2	2.27	63	118403	35.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.22%
21) 2-Butanone-d5	4.18	46	130350	111.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.77%
24) Chloroform-d	4.65	84	162342	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.31	65	107256	52.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.50%
32) Benzene-d6	5.34	84	332204	52.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.06%
36) 1,2-Dichloropropane-d6	6.33	67	109075	53.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.04%
41) Toluene-d8	7.57	98	277861	48.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.34%
43) trans-1,3-Dichloropropene-	7.85	79	46063	50.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.30%
47) 2-Hexanone-d5	8.31	63	89438	110.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	146492	51.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	111210	56.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.70%

Target Compounds

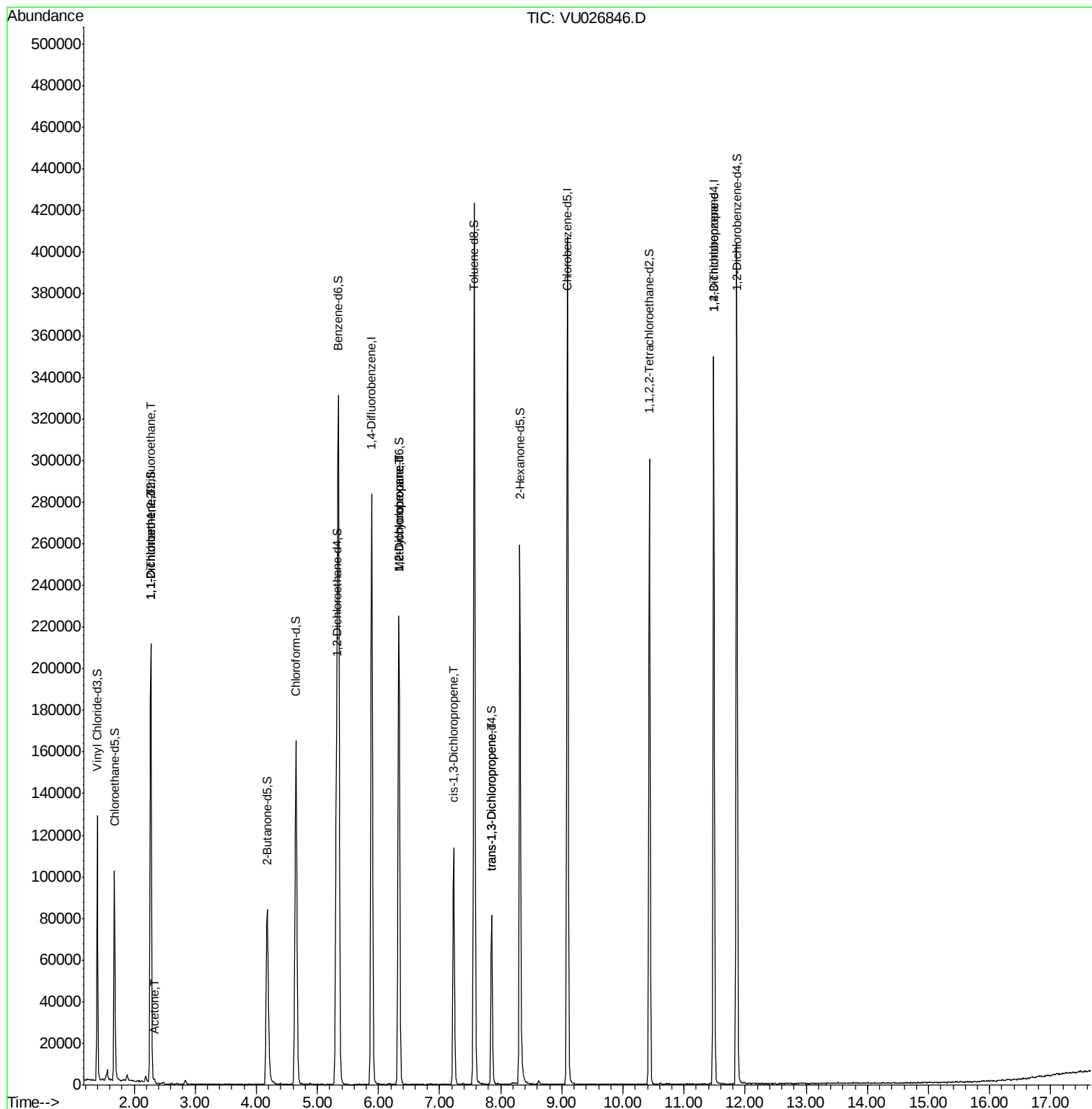
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1042	0.635	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	958	0.622	ug/L #	1
13) Acetone	2.32	43	709	0.619	ug/L	53
35) Methylcyclohexane	6.33	83	25524	9.237	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	11436	5.893	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2674	0.975	ug/L #	52
44) trans-1,3-Dichloropropene	7.85	75	2004	0.781	ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	10613	4.566	ug/L	92

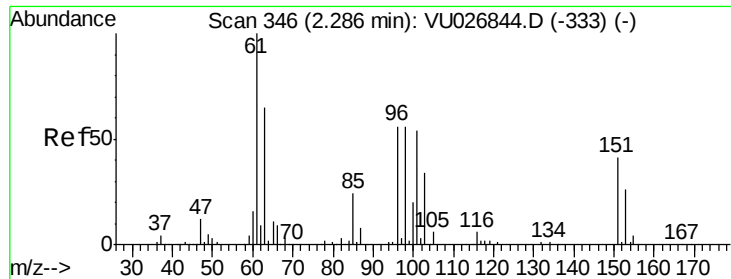
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU026846.D
Acq On : 18 Sep 2018 08:55
Operator : MD/SY
Sample : J4890-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Sep 19 05:06:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration





#10

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

Concen: 0.635 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026846.D

Acq: 18 Sep 2018 08:55

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

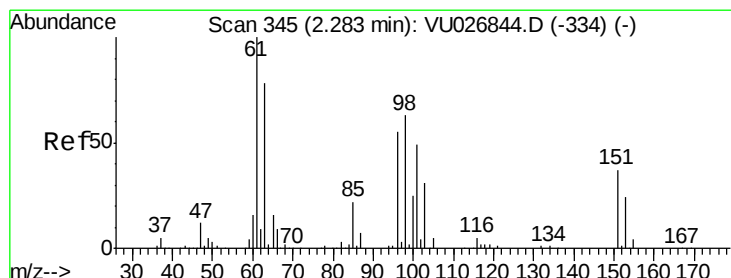
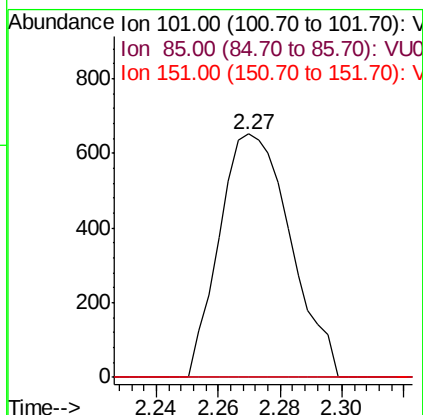
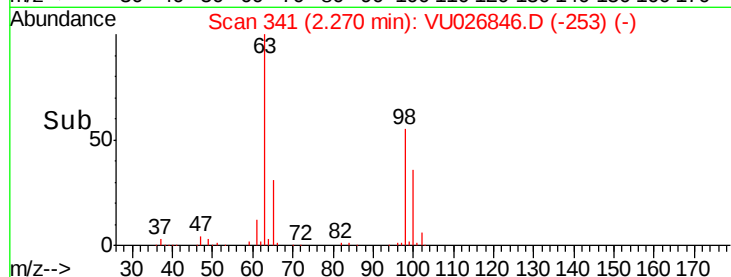
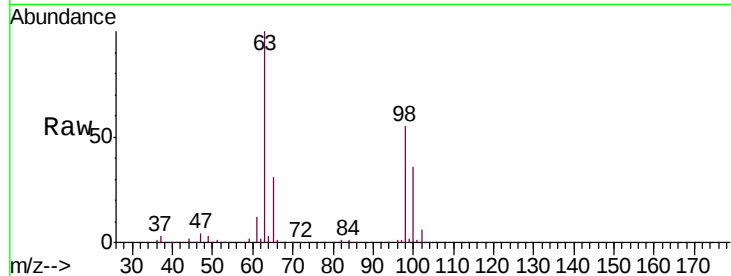
Tgt Ion: 101 Resp: 1042

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.0 94.4#



#12

1,1-Dichloroethene

Concen: 0.622 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026846.D

Acq: 18 Sep 2018 08:55

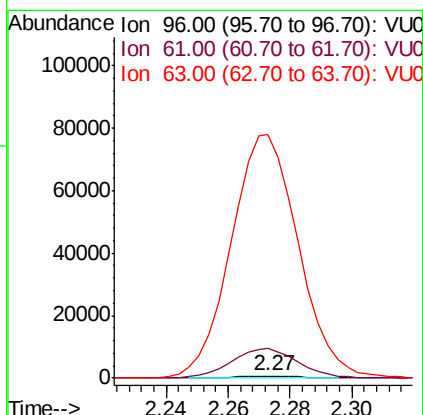
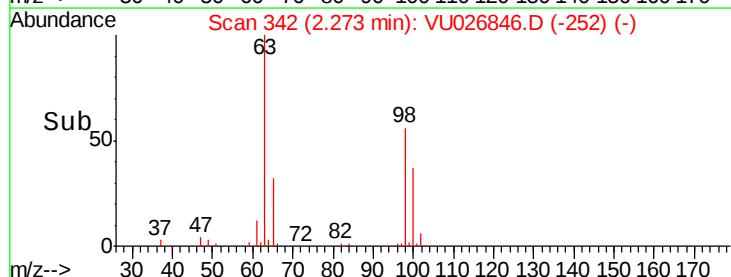
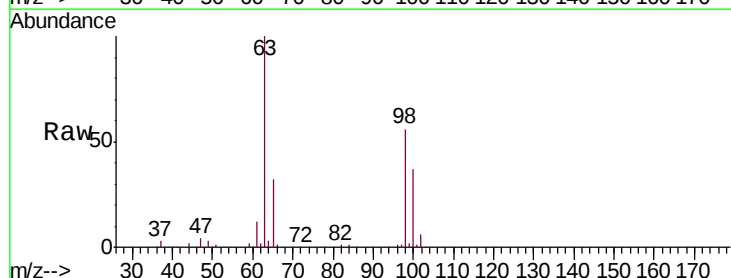
Tgt Ion: 96 Resp: 958

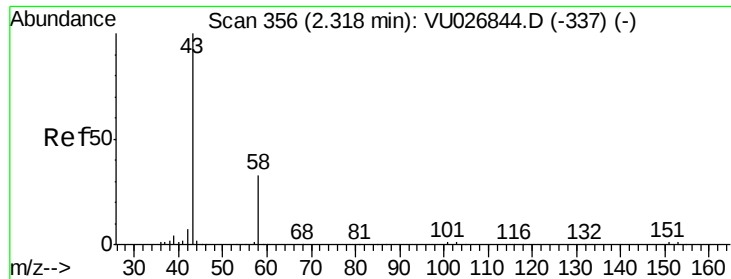
Ion Ratio Lower Upper

96 100

61 1427.4 124.0 230.4#

63 11790.6 97.7 181.5#





#13

Acetone

Concen: 0.619 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026846.D

Acq: 18 Sep 2018 08:55

Instrument :

MSVOA_U

ClientSampleId :

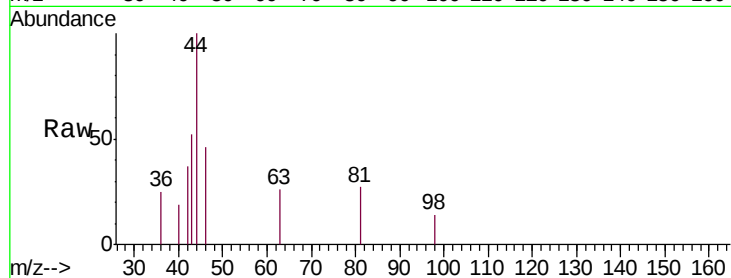
VHBLK02

Tgt Ion: 43 Resp: 709

Ion Ratio Lower Upper

43 100

58 5.9 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

400

300

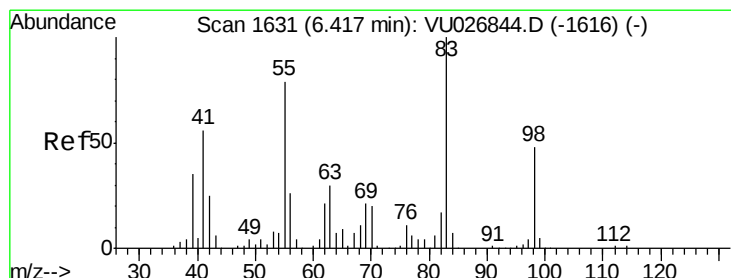
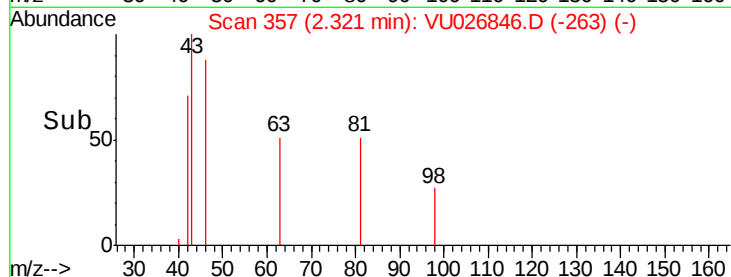
200

100

0

2.28 2.30 2.32 2.34 2.36

Time-->



#35

Methylcyclohexane

Concen: 9.237 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU026846.D

Acq: 18 Sep 2018 08:55

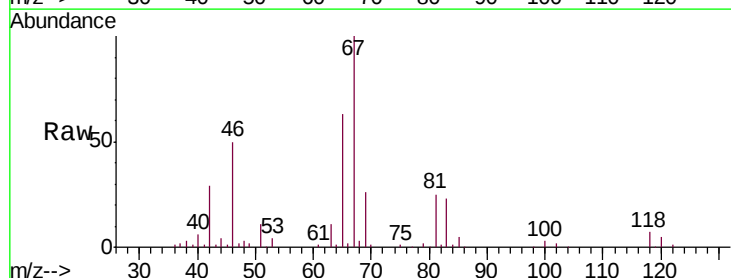
Tgt Ion: 83 Resp: 25524

Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

98 1.4 38.3 57.5#



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

15000

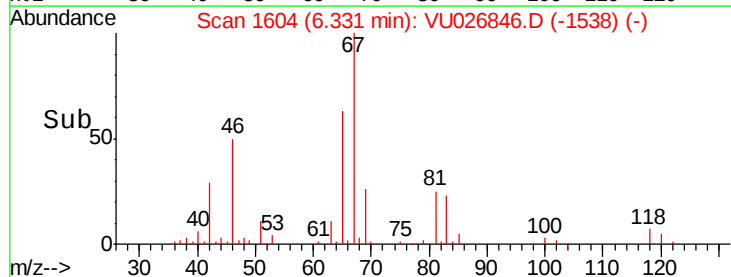
10000

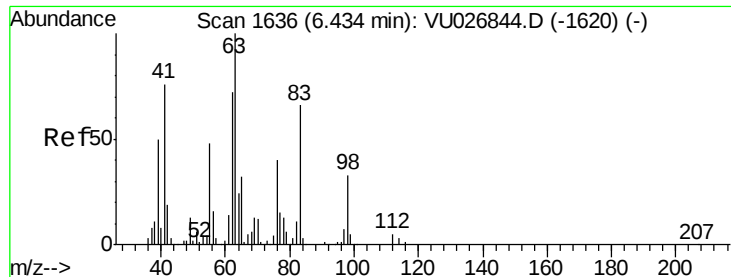
5000

0

6.25 6.30 6.35 6.40

Time-->





#37

1,2-Dichloropropane

Concen: 5.893 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU026846.D

Acq: 18 Sep 2018 08:55

Instrument :

MSVOA_U

ClientSampleId :

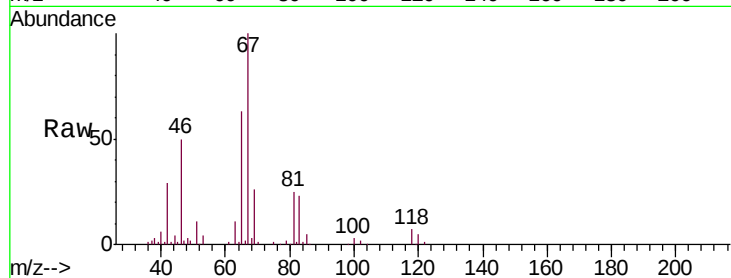
VHBLK02

Tgt Ion: 63 Resp: 11436

Ion Ratio Lower Upper

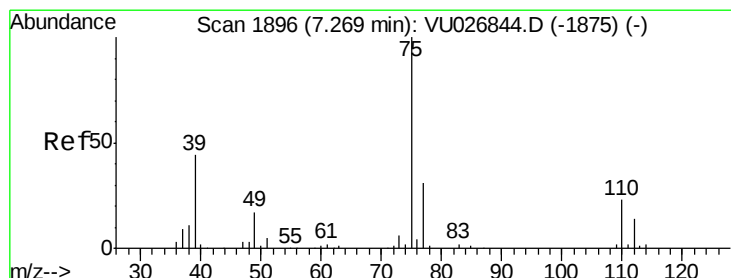
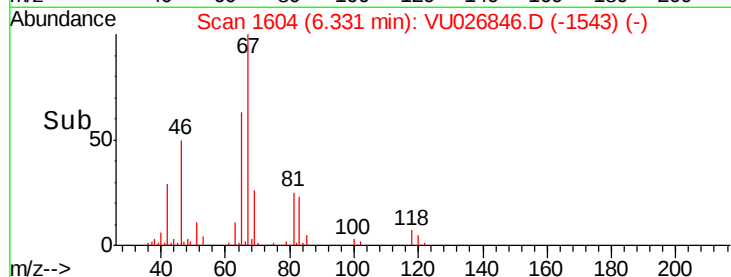
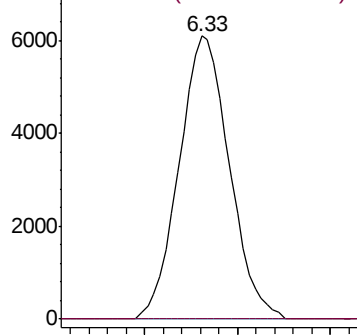
63 100

112 0.0 3.7 5.5#



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: 0.975 ug/L

RT: 7.23 min Scan# 1883

Delta R.T. -0.04 min

Lab File: VU026846.D

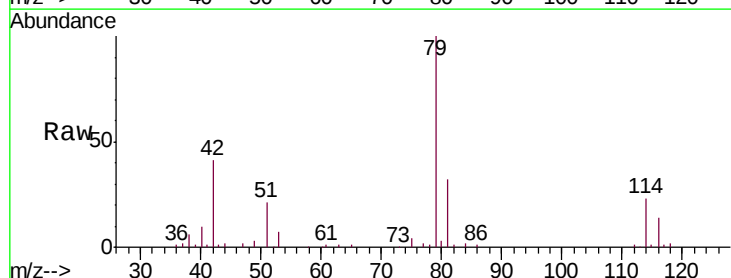
Acq: 18 Sep 2018 08:55

Tgt Ion: 75 Resp: 2674

Ion Ratio Lower Upper

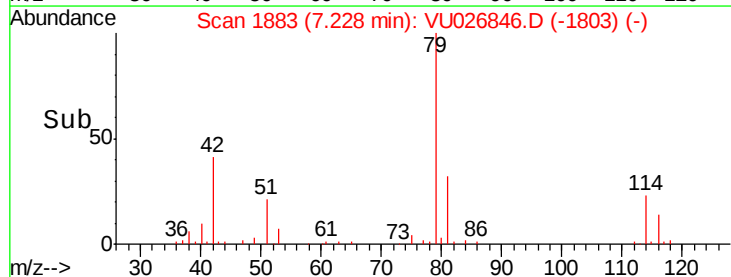
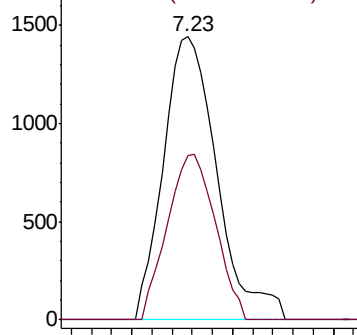
75 100

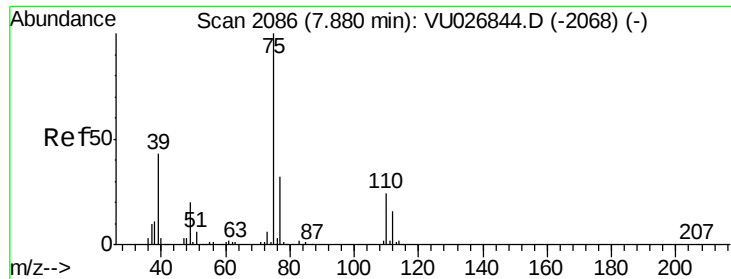
77 58.1 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.781 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026846.D

Acq: 18 Sep 2018 08:55

Instrument :

MSVOA_U

ClientSampleId :

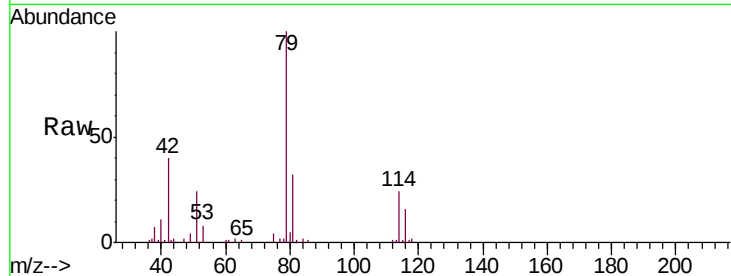
VHBLK02

Tgt Ion: 75 Resp: 2004

Ion Ratio Lower Upper

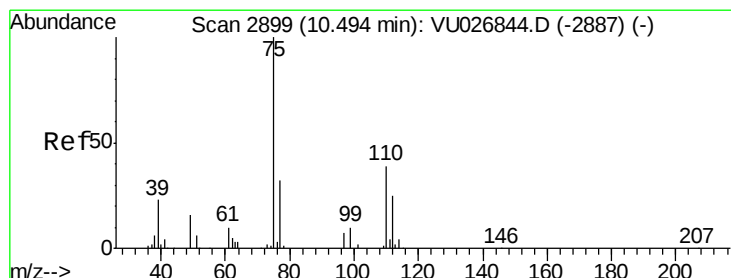
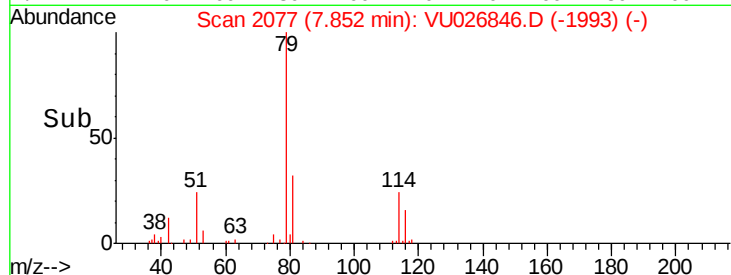
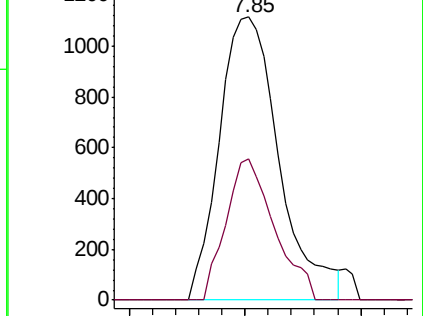
75 100

77 49.9 22.8 42.4#



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: 4.566 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026846.D

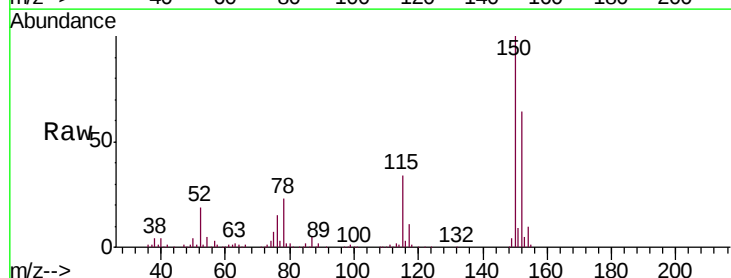
Acq: 18 Sep 2018 08:55

Tgt Ion: 75 Resp: 10613

Ion Ratio Lower Upper

75 100

77 36.2 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

