

Data File : VU028972.D
Acq On : 27 Dec 2018 18:32
Operator : MD/SY
Sample : VU1228WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK47

Quant Time: Dec 28 03:11:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 28 03:05:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	121185	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	111514	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	53079	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31936	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.68	69	28679	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.27	63	46553	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.19	46	89794	52.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.96%
24) Chloroform-d	4.65	84	61985	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.31	65	31952	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.34	84	133001	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.33	67	43755	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.57	98	120887	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.85	79	15679	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.31	63	74620	52.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34240	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	45540	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

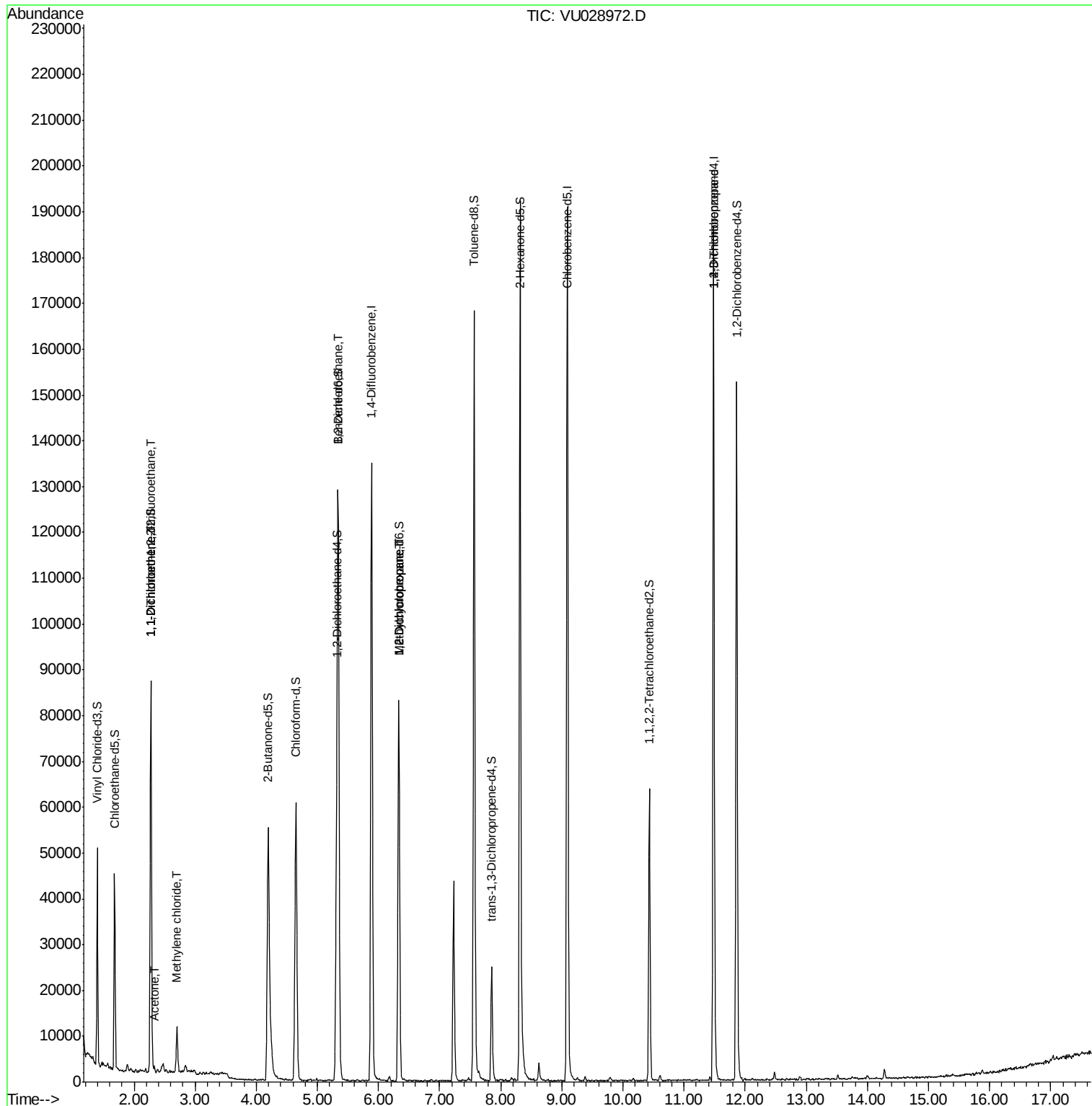
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	502	0.056 ug/L #	30
12) 1,1-Dichloroethene	2.28	96	494	0.057 ug/L #	1
13) Acetone	2.33	43	802	0.586 ug/L	62
16) Methylene chloride	2.70	84	4544	0.366 ug/L	99
27) 1,2-Dichloroethane	5.34	62	499	0.055 ug/L #	73
35) Methylcyclohexane	6.33	83	9480	0.605 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	4412	0.486 ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	6099	1.152 ug/L	97

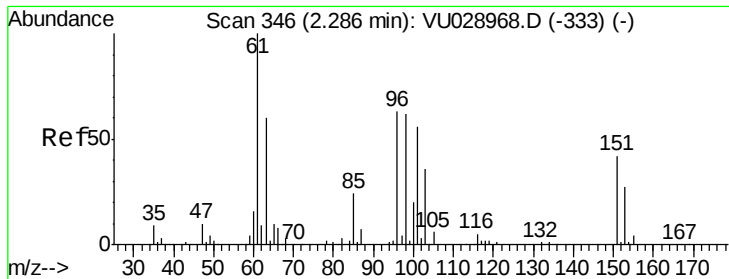
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.056 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028972.D

Acq: 27 Dec 2018 18:32

Instrument :

MSVOA_U

ClientSampleId :

VBLK47

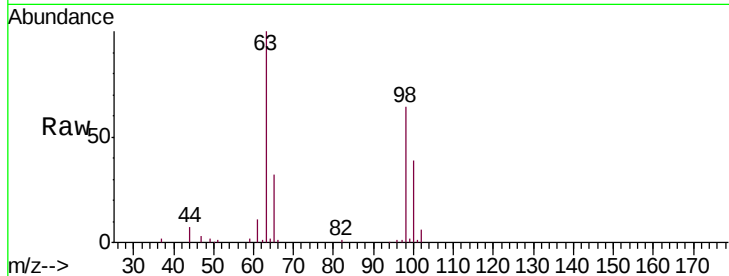
Tgt Ion: 101 Resp: 502

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 13.7 60.9 91.3#



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

300

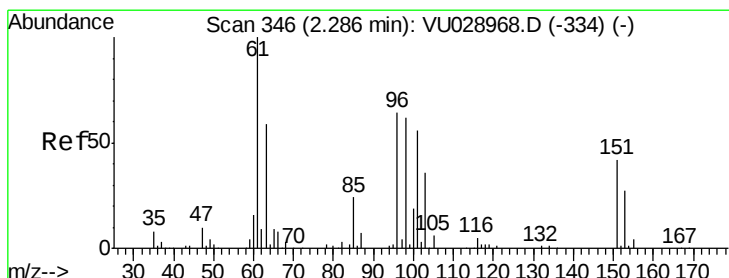
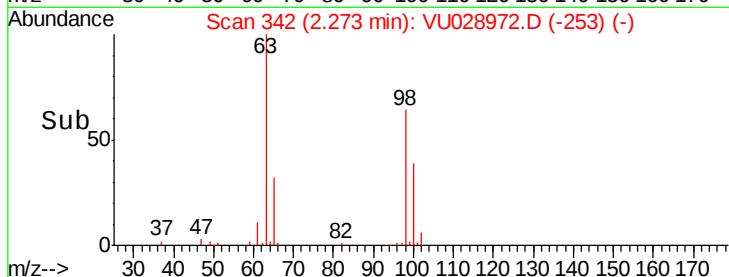
200

100

0

2.24 2.26 2.28 2.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.057 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028972.D

Acq: 27 Dec 2018 18:32

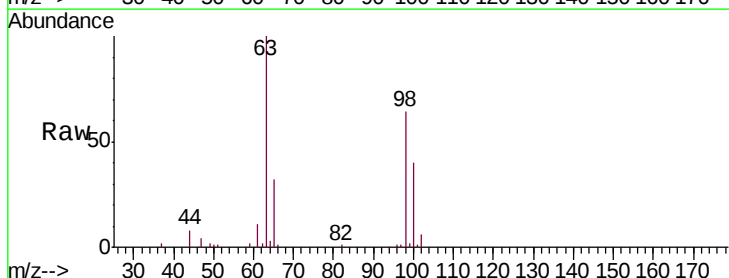
Tgt Ion: 96 Resp: 494

Ion Ratio Lower Upper

96 100

61 911.7 110.5 205.3#

63 7997.6 67.6 125.6#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

40000

30000

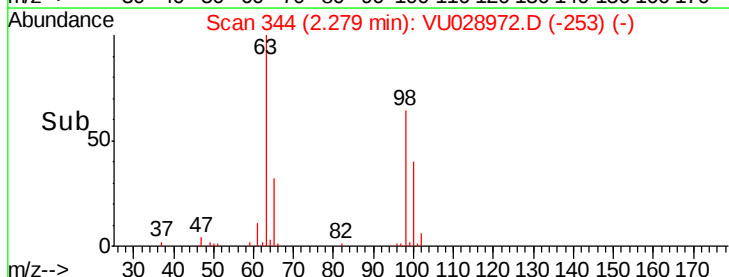
20000

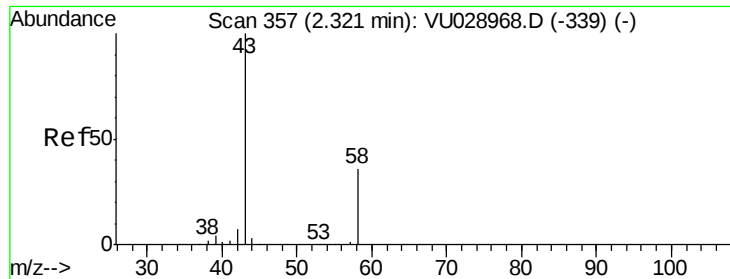
10000

0

2.24 2.26 2.28 2.30

Time-->





#13

Acetone

Concen: 0.586 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU028972.D

Acq: 27 Dec 2018 18:32

Instrument :

MSVOA_U

ClientSampleId :

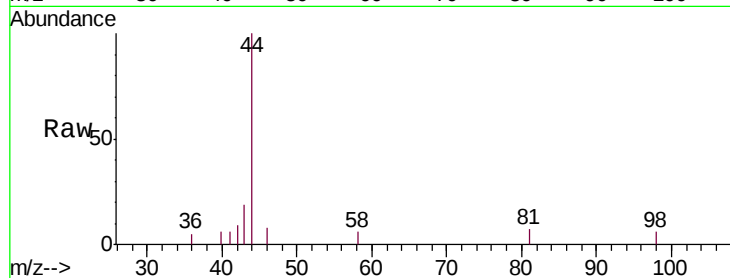
VBLK47

Tgt Ion: 43 Resp: 802

Ion Ratio Lower Upper

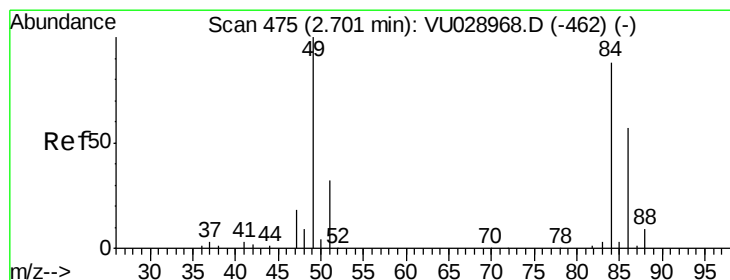
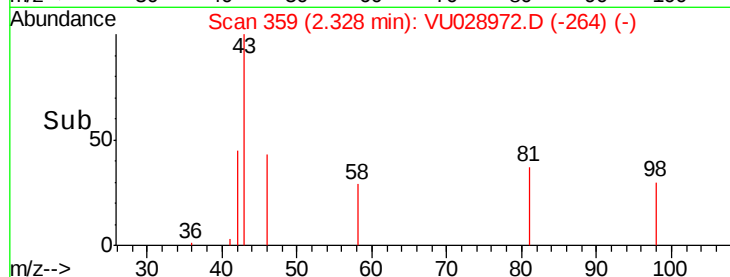
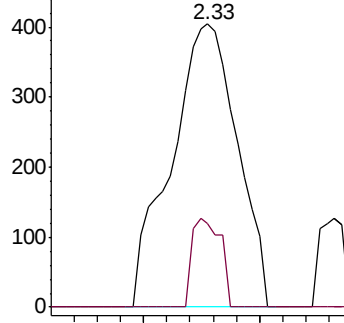
43 100

58 13.6 0.0 71.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.366 ug/L

RT: 2.70 min Scan# 475

Delta R.T. -0.00 min

Lab File: VU028972.D

Acq: 27 Dec 2018 18:32

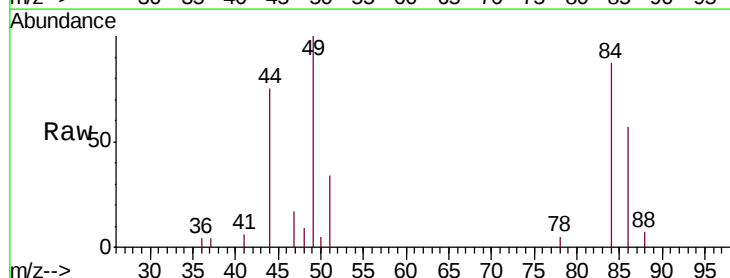
Tgt Ion: 84 Resp: 4544

Ion Ratio Lower Upper

84 100

86 64.9 45.6 84.6

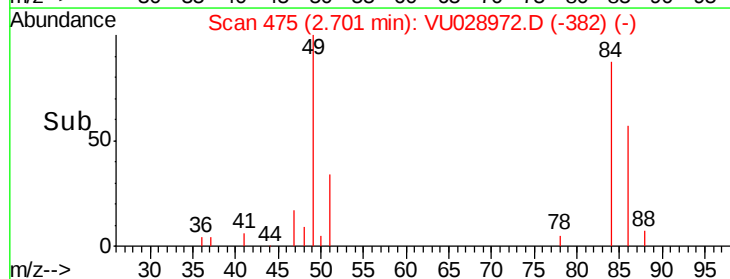
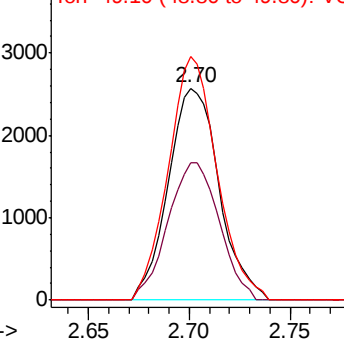
49 114.7 79.7 148.1

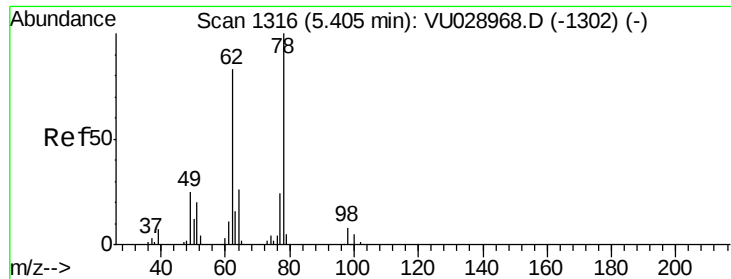


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#27

1,2-Dichloroethane

Concen: 0.055 ug/L

RT: 5.34 min Scan# 1296

Delta R.T. -0.06 min

Lab File: VU028972.D

Acq: 27 Dec 2018 18:32

Instrument :

MSVOA_U

ClientSampleId :

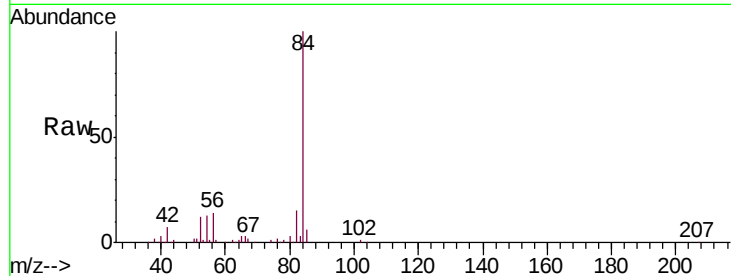
VBLK47

Tgt Ion: 62 Resp: 499

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU028968.D (-1302) (-)

Ion 98.05 (97.75 to 98.75): VU028968.D (-1302) (-)

5.34

300

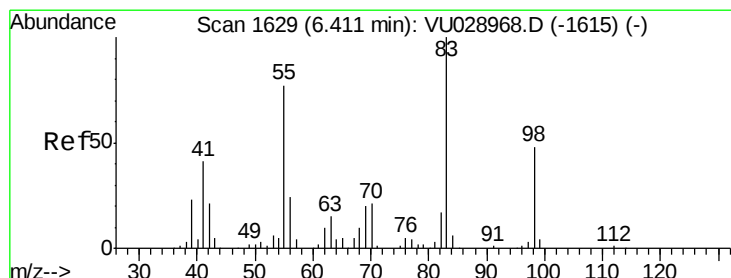
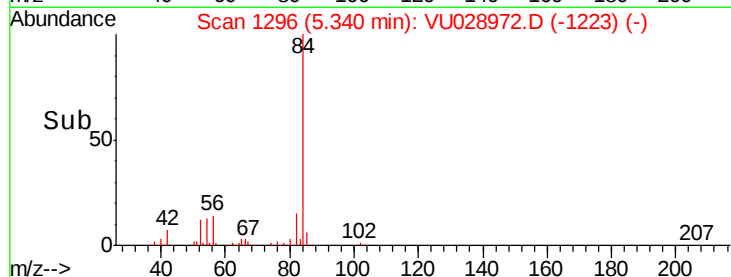
200

100

0

5.30 5.32 5.34 5.36

Time-->



#35

Methylcyclohexane

Concen: 0.605 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.08 min

Lab File: VU028972.D

Acq: 27 Dec 2018 18:32

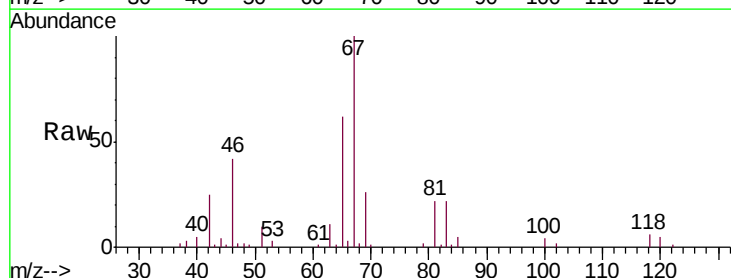
Tgt Ion: 83 Resp: 9480

Ion Ratio Lower Upper

83 100

55 0.9 59.8 89.6#

98 1.4 37.0 55.6#



Abundance Ion 83.15 (82.85 to 83.85): VU028968.D (-1615) (-)

Ion 55.10 (54.80 to 55.80): VU028968.D (-1615) (-)

Ion 98.15 (97.85 to 98.85): VU028968.D (-1615) (-)

6.33

6000

5000

4000

3000

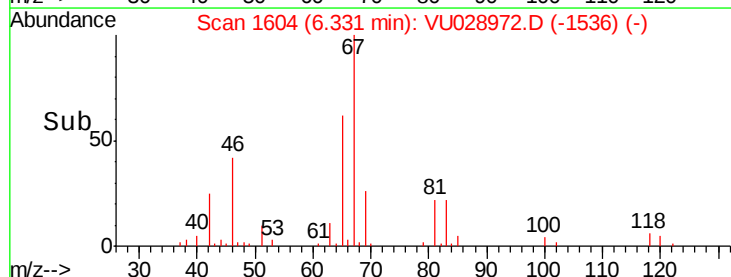
2000

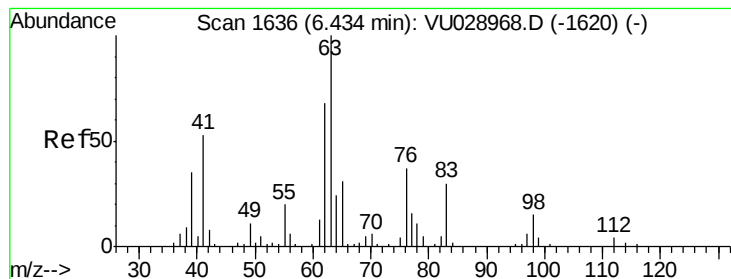
1000

0

6.30 6.35 6.40

Time-->





#37

1,2-Dichloropropane

Concen: 0.486 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU028972.D

Acq: 27 Dec 2018 18:32

Instrument :

MSVOA_U

ClientSampleId :

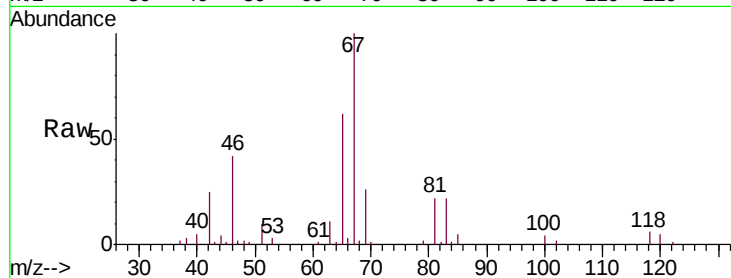
VBLK47

Tgt Ion: 63 Resp: 4412

Ion Ratio Lower Upper

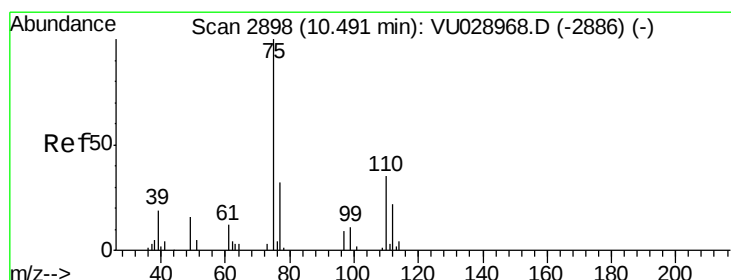
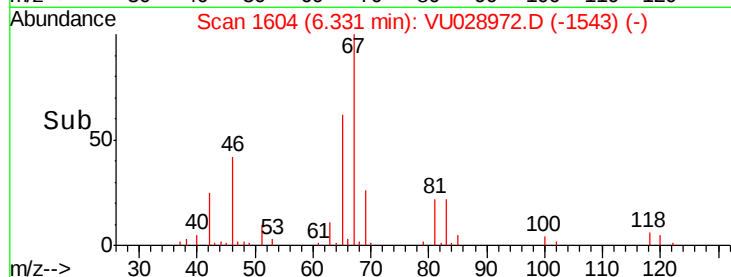
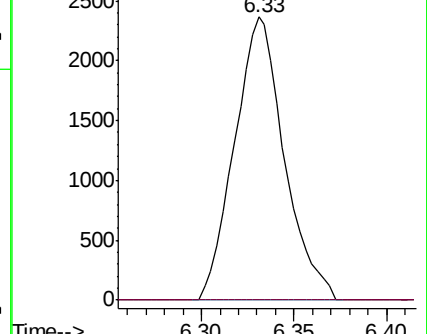
63 100

112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#59

1,2,3-Trichloropropane

Concen: 1.152 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028972.D

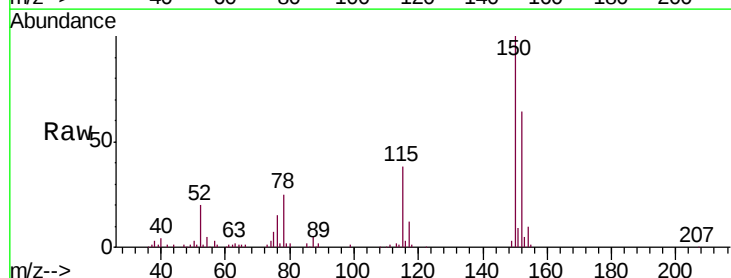
Acq: 27 Dec 2018 18:32

Tgt Ion: 75 Resp: 6099

Ion Ratio Lower Upper

75 100

77 30.8 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

