

Data File : VU026853.D
Acq On : 18 Sep 2018 11:45
Operator : MD/SY
Sample : J4896-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08T5

Quant Time: Sep 19 05:07:11 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	214429	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	206907	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83827	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74364	46.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.76%
7) Chloroethane-d5	1.68	69	68295	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.27	63	110289	36.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.50%
21) 2-Butanone-d5	4.18	46	125436	119.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.16%
24) Chloroform-d	4.65	84	151992	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.32%
26) 1,2-Dichloroethane-d4	5.31	65	99326	53.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.22%
32) Benzene-d6	5.34	84	305060	52.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.22%
36) 1,2-Dichloropropane-d6	6.33	67	101747	54.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.92%
41) Toluene-d8	7.57	98	257905	49.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.46%
43) trans-1,3-Dichloropropene-	7.85	79	41719	50.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.02%
47) 2-Hexanone-d5	8.31	63	87630	119.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	137247	52.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	101316	58.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

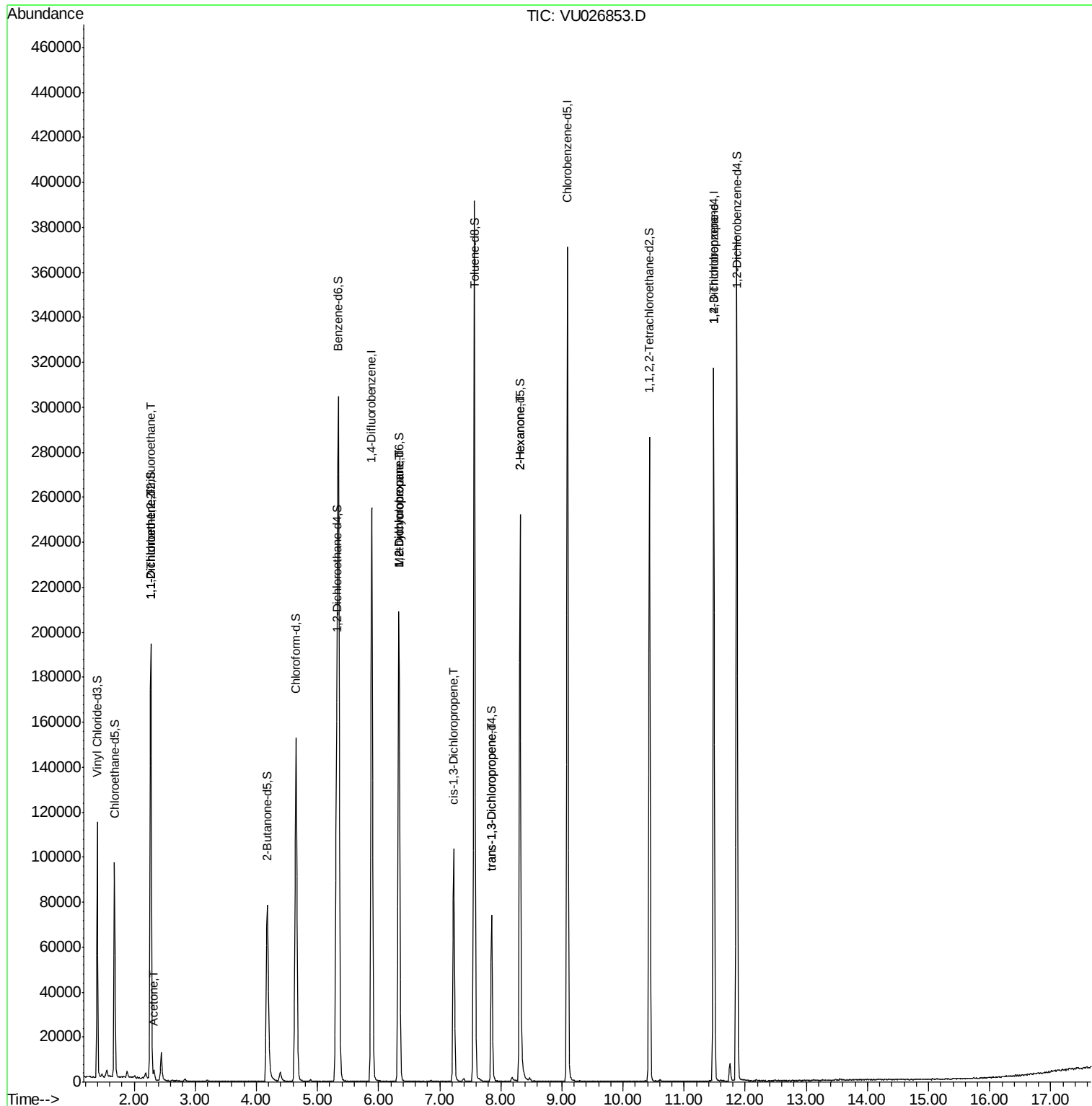
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1000	0.675	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	829	0.596	ug/L #	1
13) Acetone	2.32	43	3038	2.936	ug/L	89
35) Methylcyclohexane	6.33	83	23408	9.329	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	10634	6.035	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2238	0.899	ug/L #	46
44) trans-1,3-Dichloropropene	7.85	75	1659	0.712	ug/L #	77
48) 2-Hexanone	8.31	43	9949	5.891	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	9354	4.432	ug/L #	88

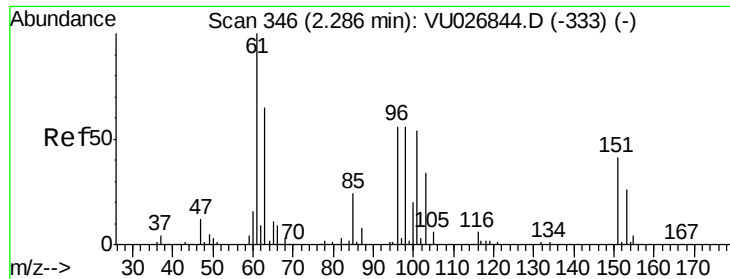
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.675 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026853.D

Acq: 18 Sep 2018 11:45

Instrument :

MSVOA_U

ClientSampled :

C08T5

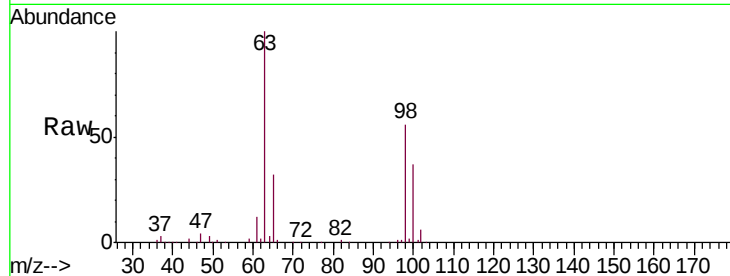
Tgt Ion:101 Resp: 1000

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.0 94.4#



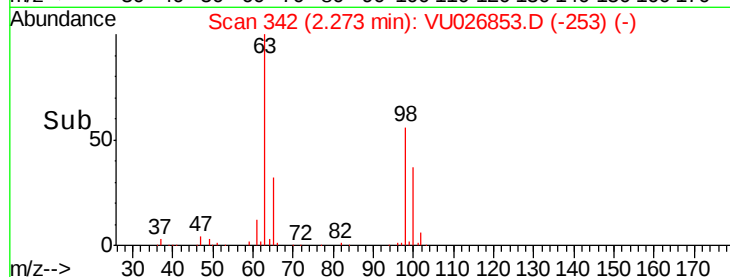
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

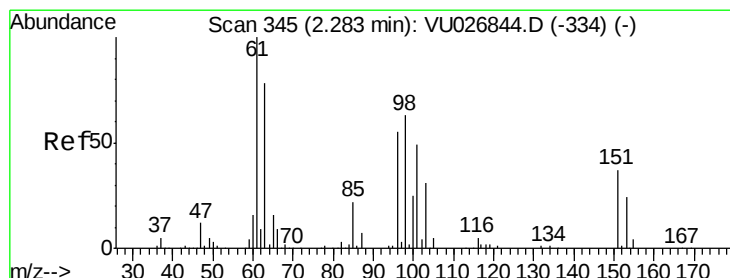
Ion 151.00 (150.70 to 151.70): V

2.27

2.24 2.26 2.28 2.30



Time-->



#12

1,1-Dichloroethene

Concen: 0.596 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026853.D

Acq: 18 Sep 2018 11:45

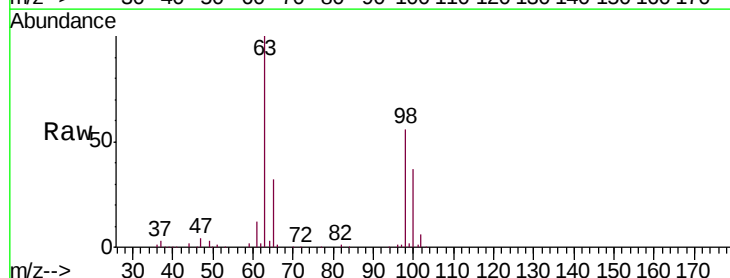
Tgt Ion: 96 Resp: 829

Ion Ratio Lower Upper

96 100

61 1655.2 124.0 230.4#

63 13878.0 97.7 181.5#



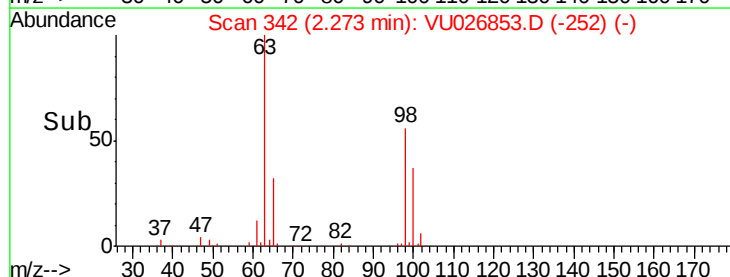
Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

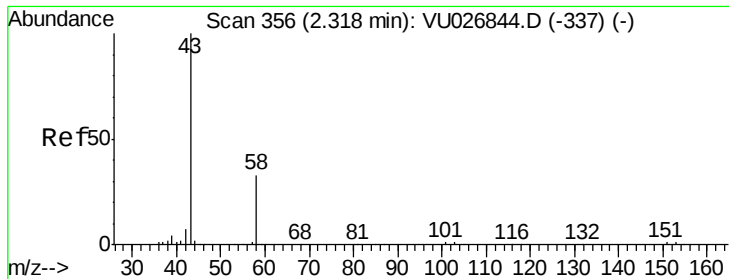
Ion 63.00 (62.70 to 63.70): VU0

2.27

2.24 2.26 2.28 2.30



Time-->



#13

Acetone

Concen: 2.936 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026853.D

Acq: 18 Sep 2018 11:45

Instrument :

MSVOA_U

ClientSampleId :

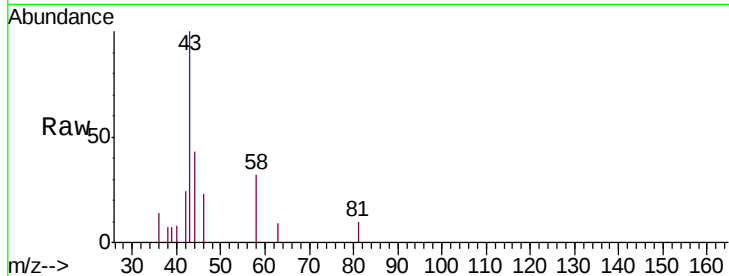
C08T5

Tgt Ion: 43 Resp: 3038

Ion Ratio Lower Upper

43 100

58 26.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU026844.D (-337) (-)

Ion 58.00 (57.70 to 58.70): VU026844.D (-337) (-)

2.32

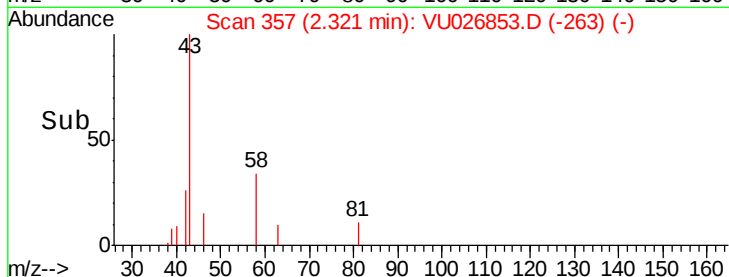
1500

1000

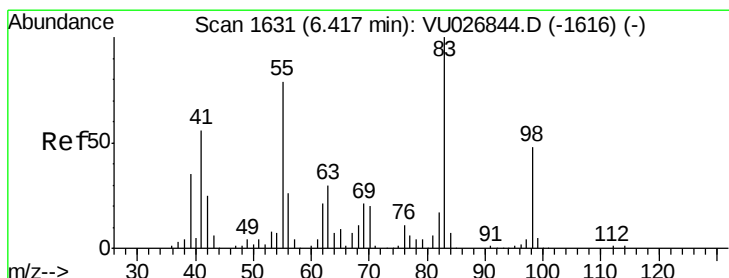
500

2.30

2.35



Time-->



#35

Methylcyclohexane

Concen: 9.329 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU026853.D

Acq: 18 Sep 2018 11:45

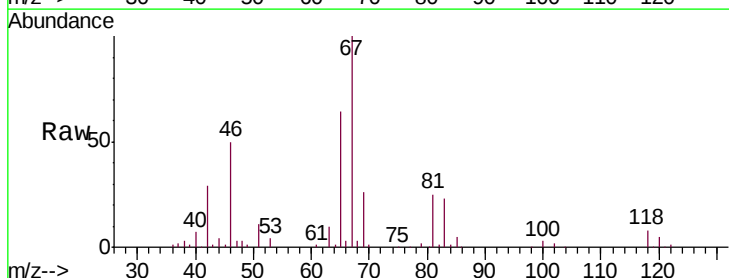
Tgt Ion: 83 Resp: 23408

Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

98 1.2 38.3 57.5#



Abundance Ion 83.00 (82.70 to 83.70): VU026844.D (-1616) (-)

Ion 55.00 (54.70 to 55.70): VU026844.D (-1616) (-)

Ion 98.00 (97.70 to 98.70): VU026844.D (-1616) (-)

15000

10000

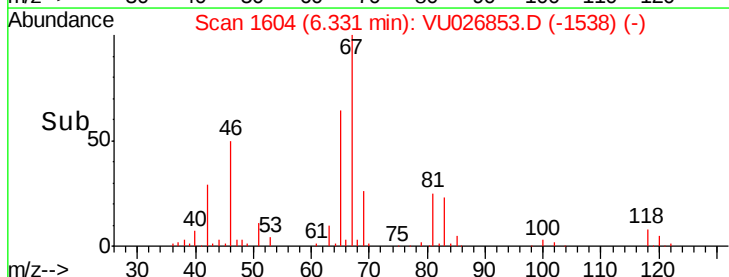
5000

6.25

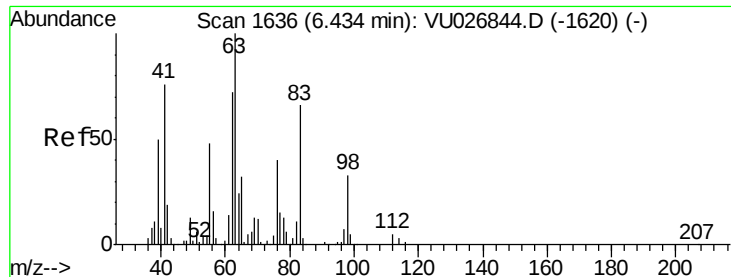
6.30

6.35

6.40



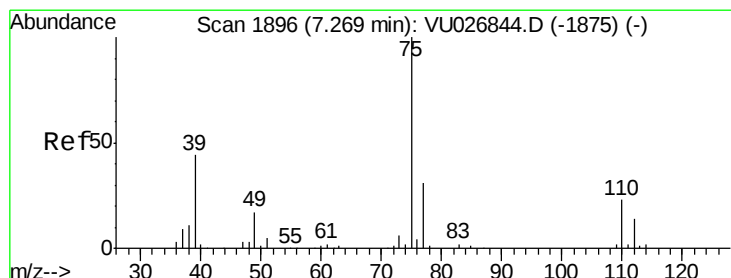
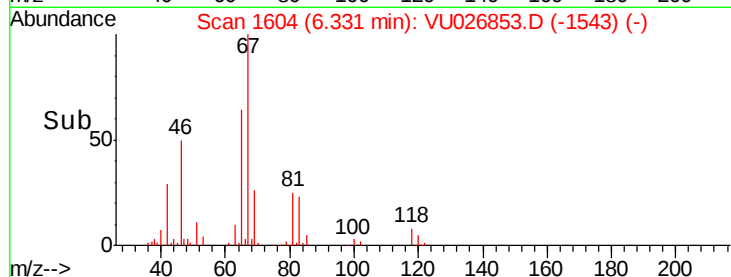
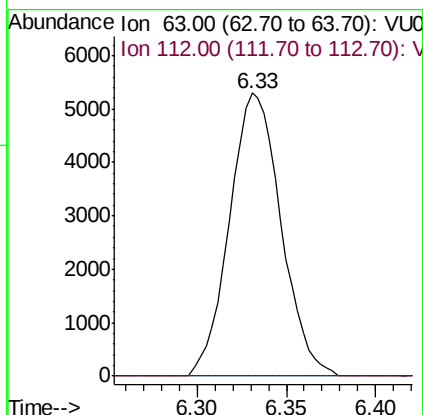
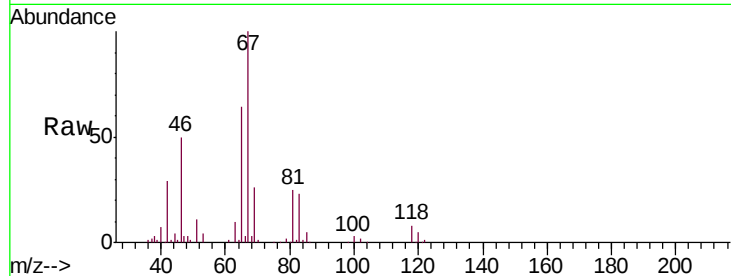
Time-->



#37
 1,2-Dichloropropane
 Concen: 6.035 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU026853.D
 Acq: 18 Sep 2018 11:45

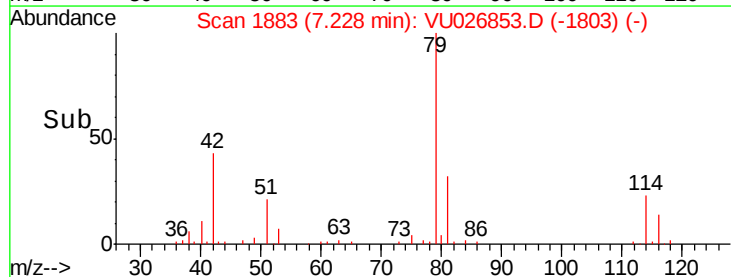
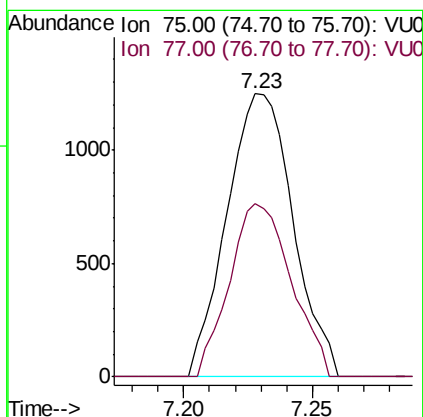
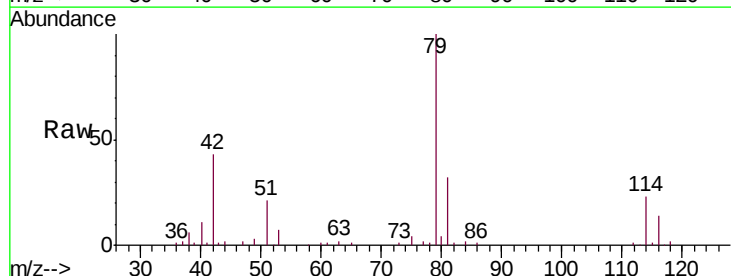
Instrument :
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 ClientSampleId :
 C08T5

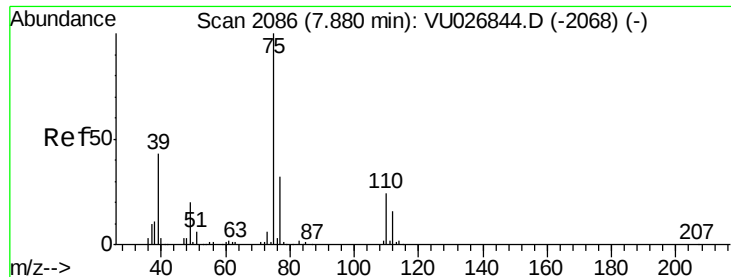
Tgt Ion: 63 Resp: 10634
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.899 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026853.D
 Acq: 18 Sep 2018 11:45

Tgt Ion: 75 Resp: 2238
 Ion Ratio Lower Upper
 75 100
 77 61.3 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.712 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026853.D

Acq: 18 Sep 2018 11:45

Instrument :

MSVOA_U

ClientSampled :

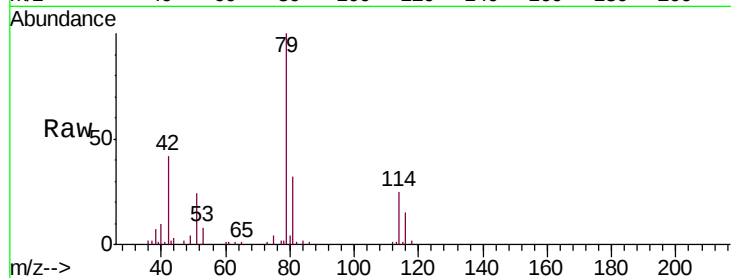
C08T5

Tgt Ion: 75 Resp: 1659

Ion Ratio Lower Upper

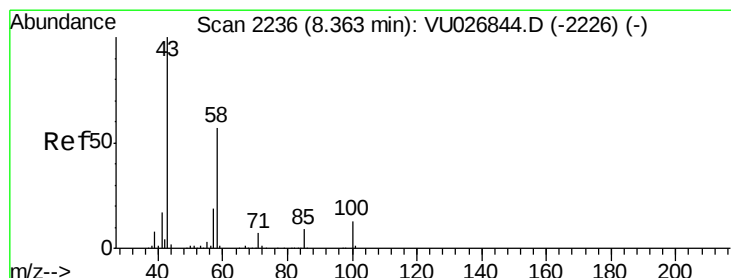
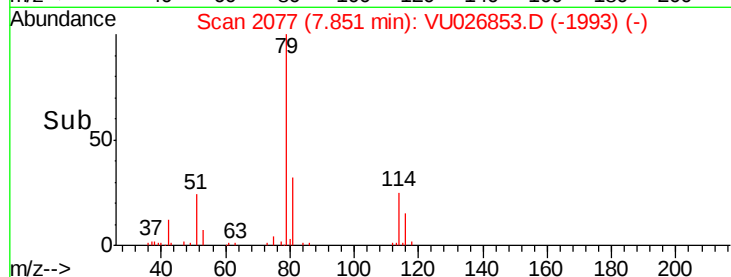
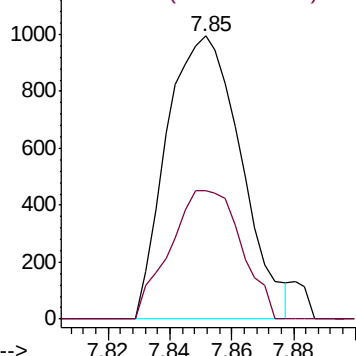
75 100

77 45.6 22.8 42.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#48

2-Hexanone

Concen: 5.891 ug/L

RT: 8.31 min Scan# 2221

Delta R.T. -0.05 min

Lab File: VU026853.D

Acq: 18 Sep 2018 11:45

Tgt Ion: 43 Resp: 9949

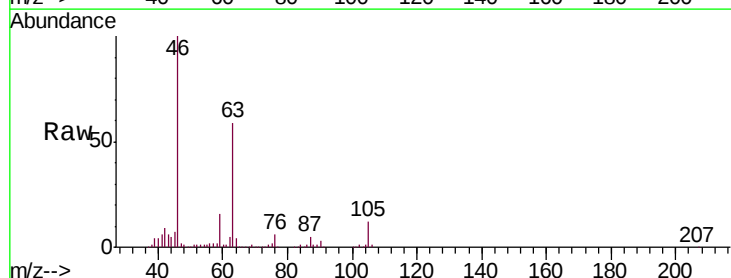
Ion Ratio Lower Upper

43 100

58 29.7 44.9 67.3#

57 32.1 15.4 23.2#

100 1.3 10.2 15.4#

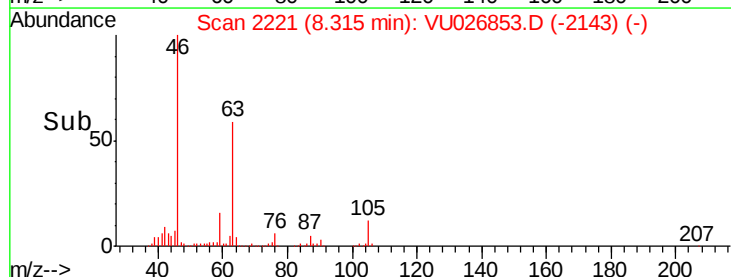
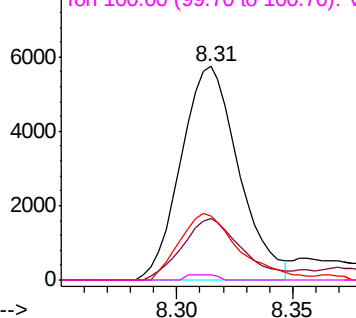


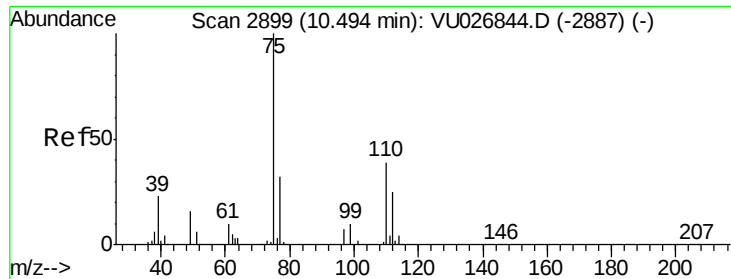
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.432 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026853.D

Acq: 18 Sep 2018 11:45

Instrument :

MSVOA_U

ClientSampleId :

C08T5

Tgt Ion: 75 Resp: 9354

Ion Ratio Lower Upper

75 100

77 38.7 25.5 38.3#

