

Data File : VU028244.D
Acq On : 19 Nov 2018 10:54
Operator : MD/SY
Sample : J5960-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Nov 20 07:10:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	122372	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	115185	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	50098	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41990	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.68	69	37511	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.28	63	62977	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.20	46	136419	44.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.54%
24) Chloroform-d	4.65	84	78717	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.31	65	44999	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.34	84	157900	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.33	67	58144	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.57	98	134993	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.85	79	17913	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.31	63	93420	40.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	40919	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	45163	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	1931	0.148	ug/L	95
8) Chloroethane	1.78	64	915	0.125	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	447	0.056	ug/L #	24
13) Acetone	2.34	43	1575	0.743	ug/L	48
15) Methyl Acetate	2.63	43	699	0.124	ug/L #	59
25) Chloroform	4.68	83	5592	0.278	ug/L	89
27) 1,2-Dichloroethane	5.34	62	747	0.065	ug/L #	78
35) Methylcyclohexane	6.34	83	12580	0.858	ug/L #	13
37) 1,2-Dichloropropane	6.33	63	5761	0.531	ug/L #	92
38) Bromodichloromethane	6.76	83	861	0.073	ug/L #	75
39) cis-1,3-Dichloropropene	7.23	75	1202	0.087	ug/L #	73
47) Tetrachloroethene	8.23	164	512	0.079	ug/L #	81
48) 2-Hexanone	8.37	43	1551	0.281	ug/L #	86
59) 1,2,3-Trichloropropane	11.48	75	7192	1.148	ug/L	94

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

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Misc : 25.0mL/MSV0A_U/WATER

```
ALS Vial      : 4      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

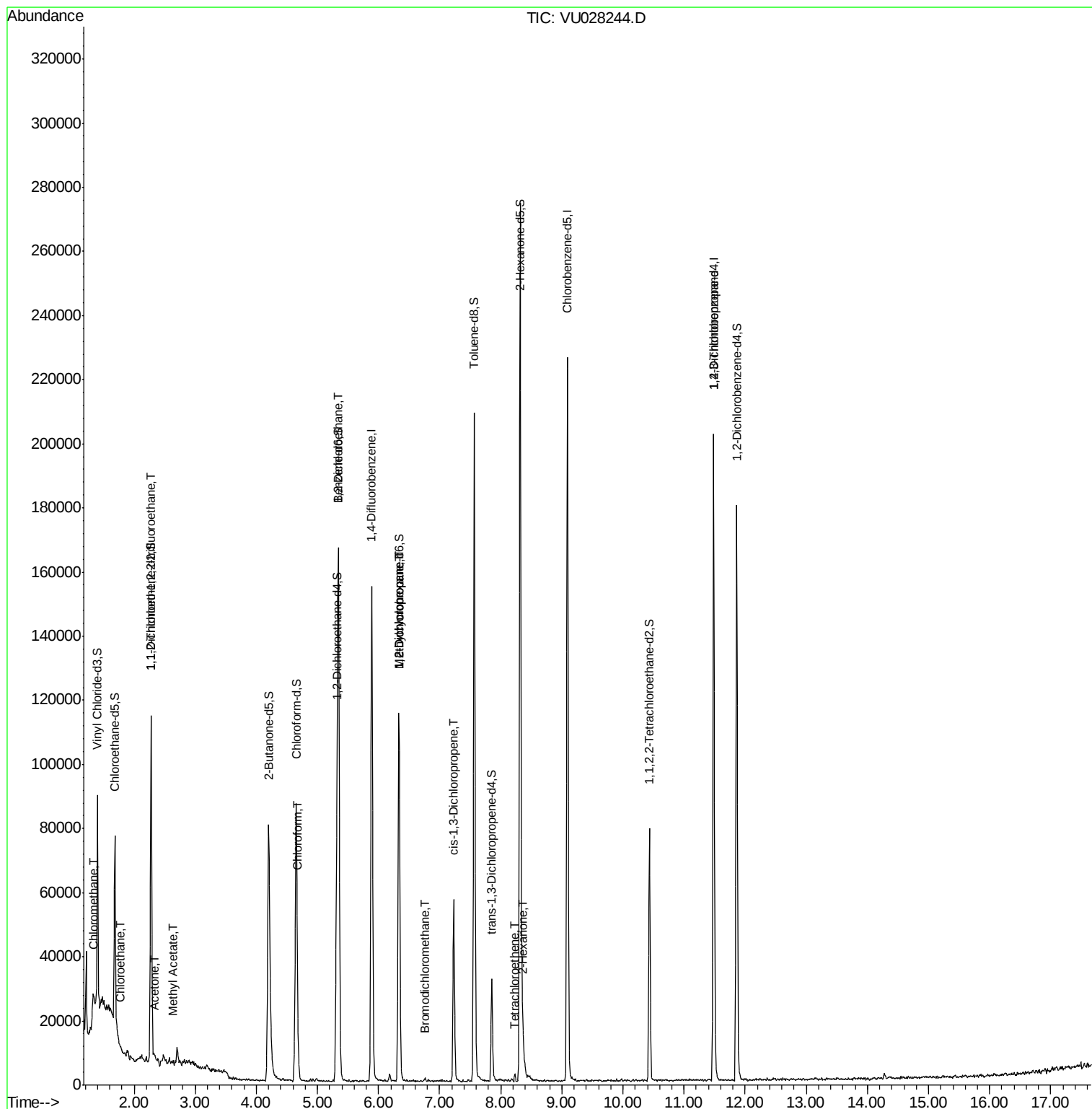
Quant Time: Nov 20 07:10:23 2018

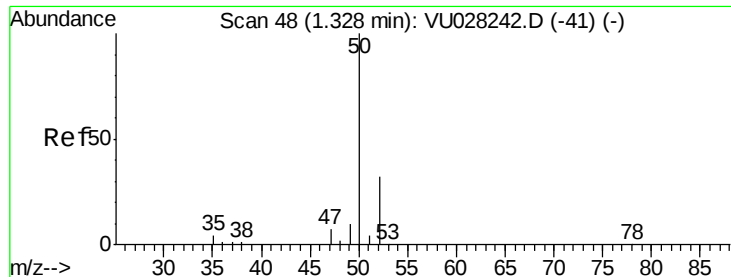
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\SOMUTR111718WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Nov 20 07:07:24 2018

Response via : Initial Calibration





#3

Chloromethane

Concen: 0.148 ug/L

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU028244.D

Acq: 19 Nov 2018 10:54

Instrument :

MSVOA_U

ClientSampleId :

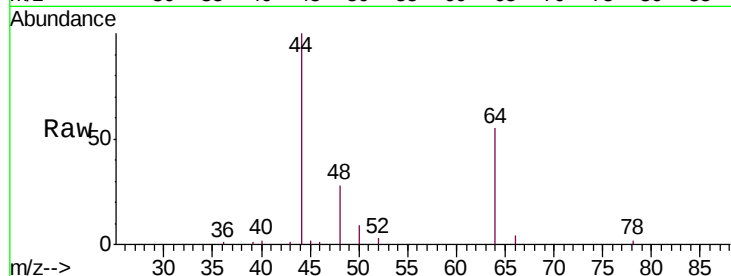
VHBLK01

Tgt Ion: 50 Resp: 1931

Ion Ratio Lower Upper

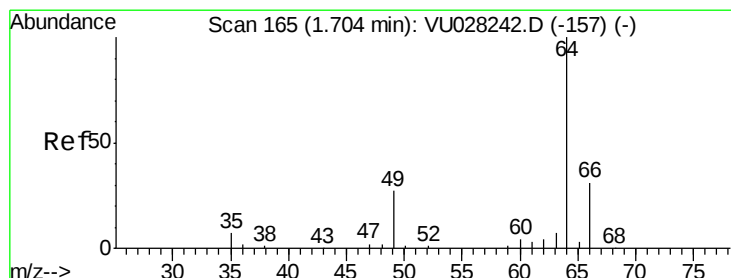
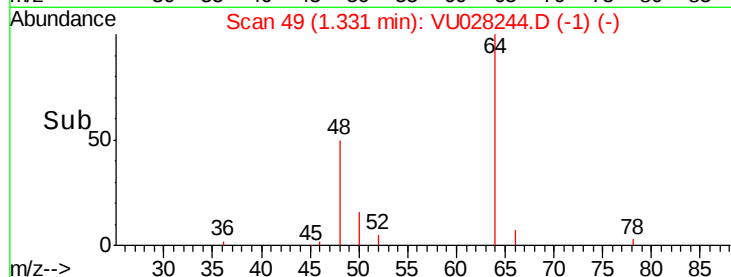
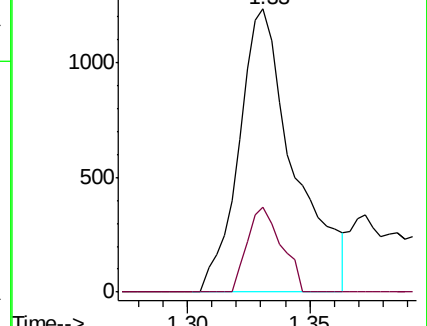
50 100

52 29.9 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.125 ug/L

RT: 1.78 min Scan# 190

Delta R.T. 0.08 min

Lab File: VU028244.D

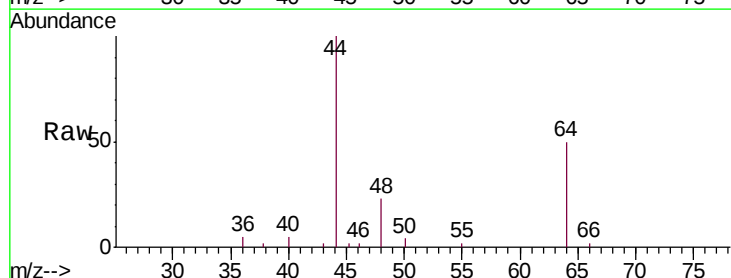
Acq: 19 Nov 2018 10:54

Tgt Ion: 64 Resp: 915

Ion Ratio Lower Upper

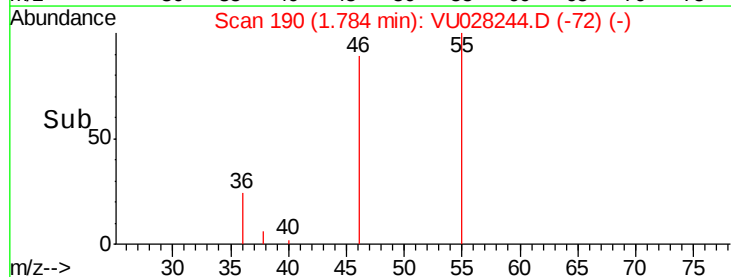
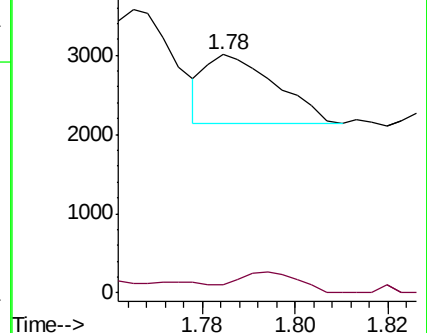
64 100

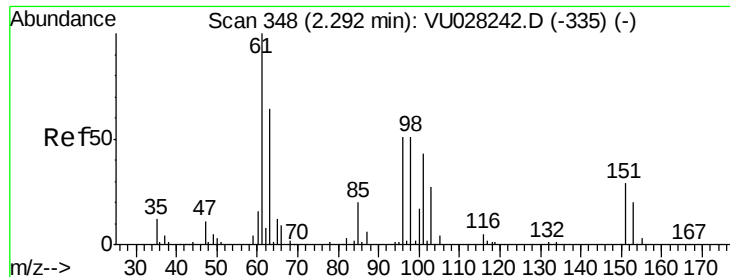
66 3.4 20.7 38.5#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#10

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

Concen: 0.056 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028244.D

Acq: 19 Nov 2018 10:54

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

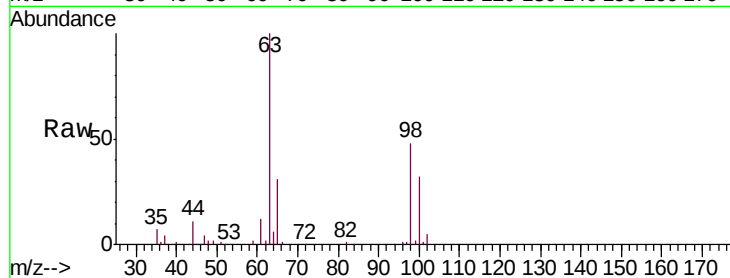
Tgt Ion: 101 Resp: 447

Ion Ratio Lower Upper

101 100

85 4.7 37.4 56.2#

151 0.0 55.0 82.4#



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

500

400

300

200

100

0

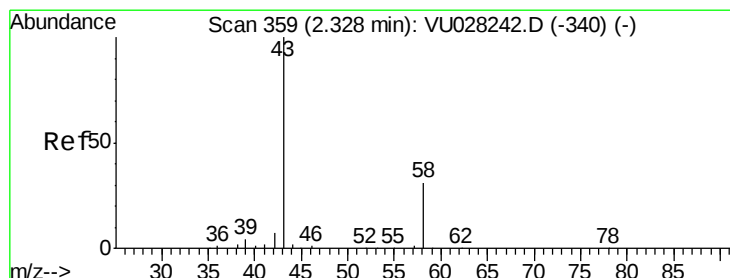
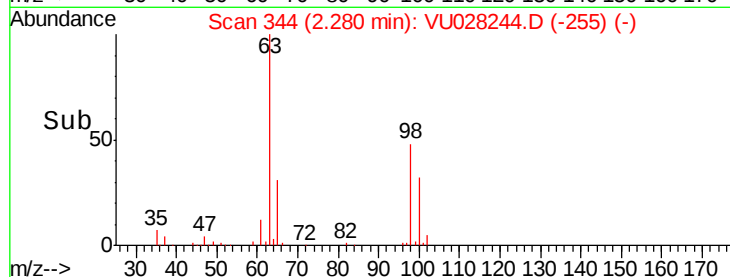
2.24

2.26

2.28

2.30

Time-->



#13

Acetone

Concen: 0.743 ug/L

RT: 2.34 min Scan# 364

Delta R.T. 0.02 min

Lab File: VU028244.D

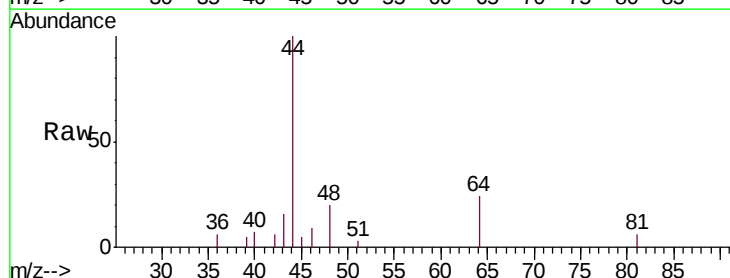
Acq: 19 Nov 2018 10:54

Tgt Ion: 43 Resp: 1575

Ion Ratio Lower Upper

43 100

58 1.3 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

800

600

400

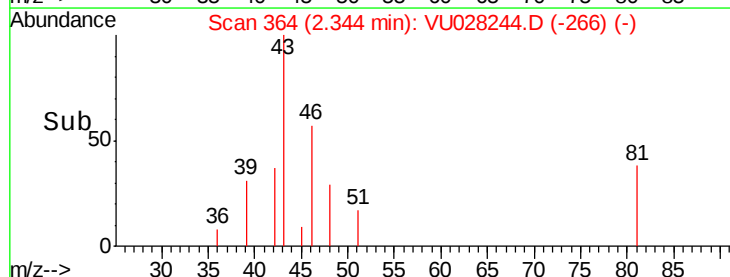
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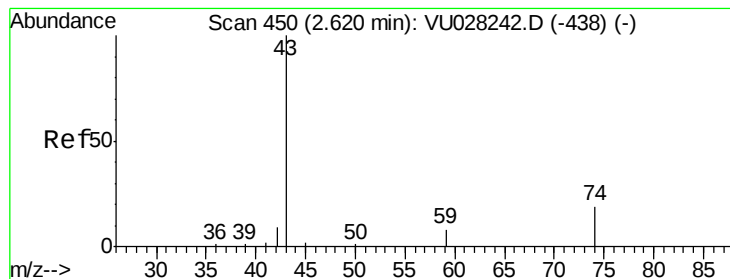
0

2.30

2.35

Time-->





#15

Methyl Acetate

Concen: 0.124 ug/L

RT: 2.63 min Scan# 453

Delta R.T. 0.01 min

Lab File: VU028244.D

Acq: 19 Nov 2018 10:54

Instrument :

MSVOA_U

ClientSampleId :

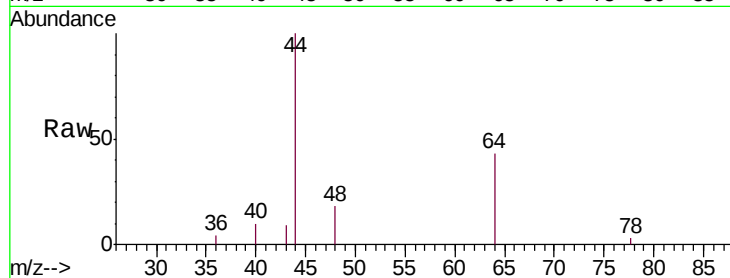
VHBLK01

Tgt Ion: 43 Resp: 699

Ion Ratio Lower Upper

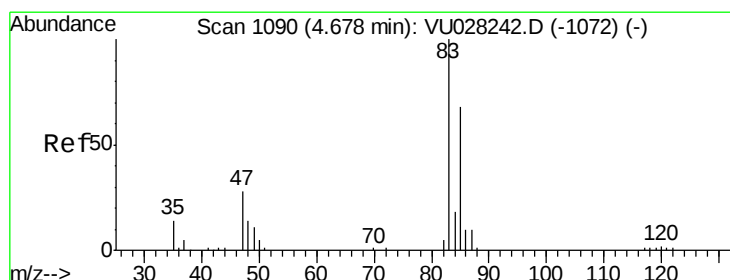
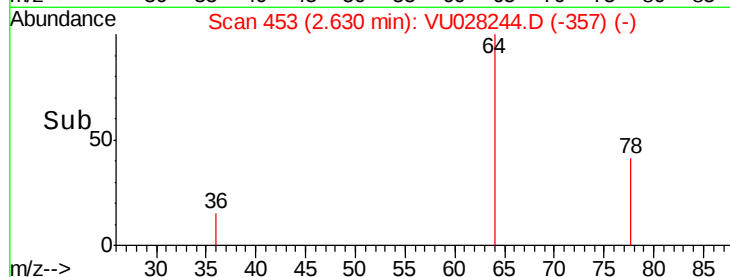
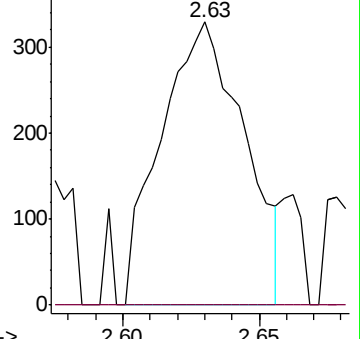
43 100

74 0.0 14.7 22.1#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#25

Chloroform

Concen: 0.278 ug/L

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU028244.D

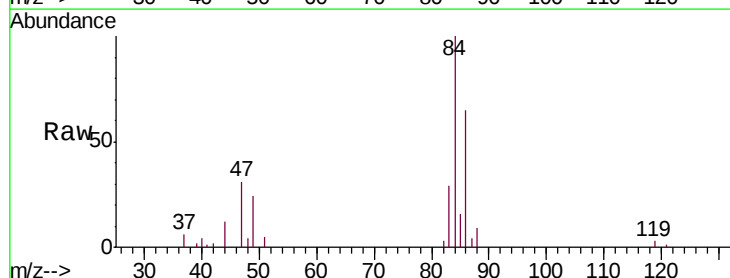
Acq: 19 Nov 2018 10:54

Tgt Ion: 83 Resp: 5592

Ion Ratio Lower Upper

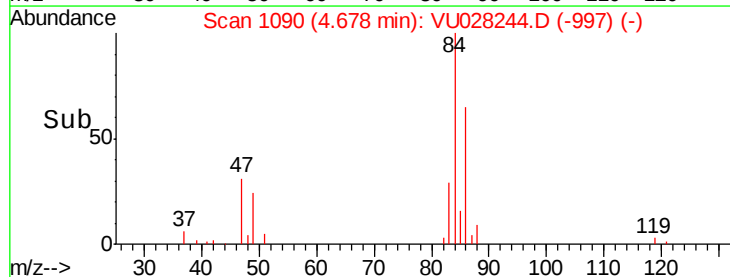
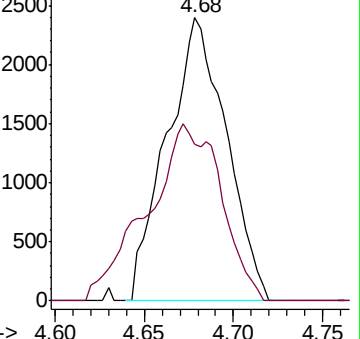
83 100

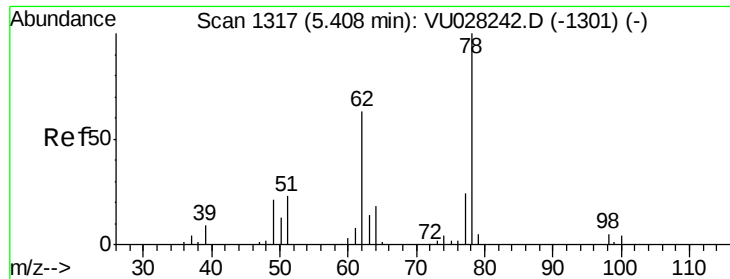
85 55.2 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#27

1,2-Dichloroethane

Concen: 0.065 ug/L

RT: 5.34 min Scan# 1297

Delta R.T. -0.06 min

Lab File: VU028244.D

Acq: 19 Nov 2018 10:54

Instrument :

MSVOA_U

ClientSampleId :

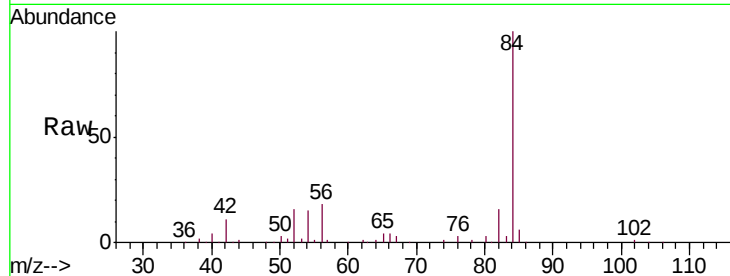
VHBLK01

Tgt Ion: 62 Resp: 747

Ion Ratio Lower Upper

62 100

98 0.0 6.2 9.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

600

500

400

300

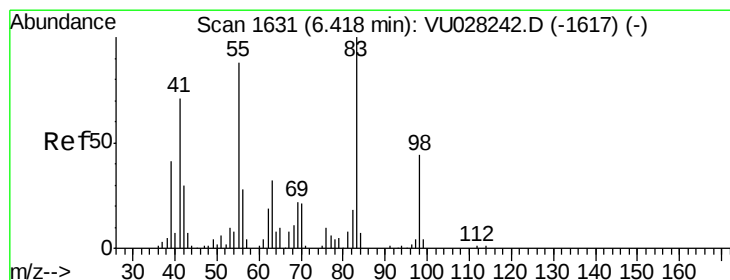
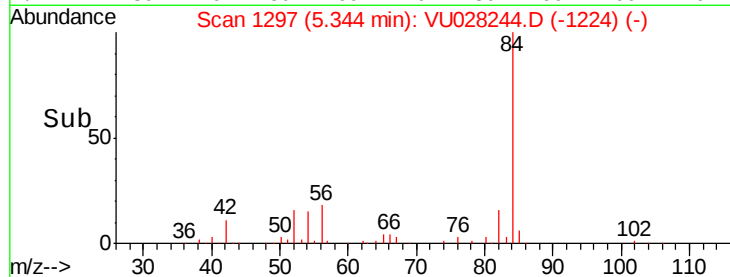
200

100

0

5.32 5.34 5.36 5.38

Time-->



#35

Methylcyclohexane

Concen: 0.858 ug/L

RT: 6.34 min Scan# 1606

Delta R.T. -0.08 min

Lab File: VU028244.D

Acq: 19 Nov 2018 10:54

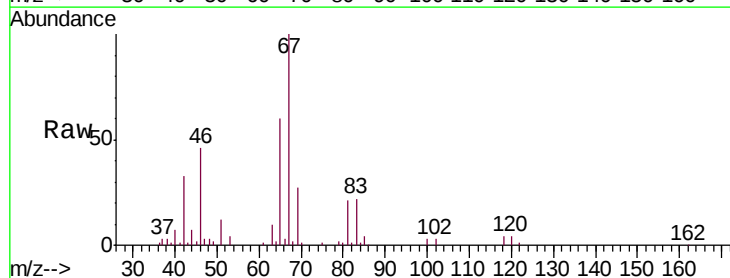
Tgt Ion: 83 Resp: 12580

Ion Ratio Lower Upper

83 100

55 0.0 73.2 109.8#

98 0.2 33.4 50.2#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

8000

6000

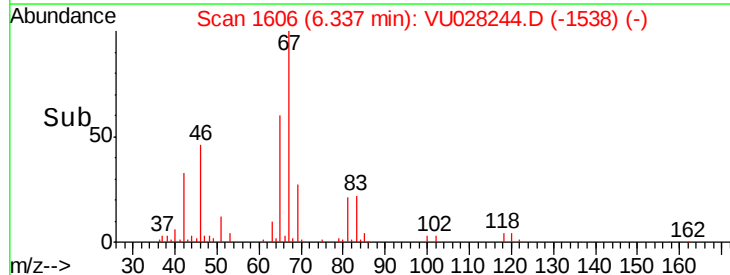
4000

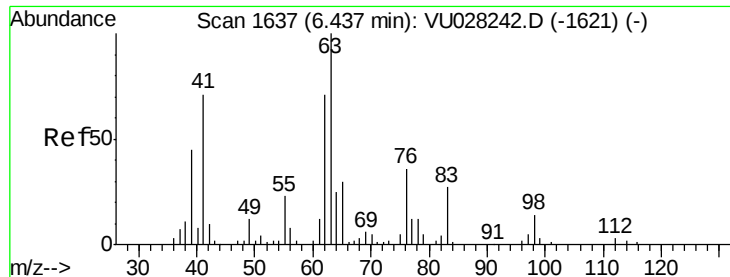
2000

0

6.25 6.30 6.35 6.40

Time-->

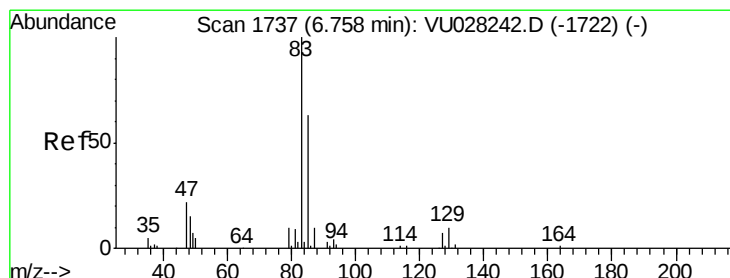
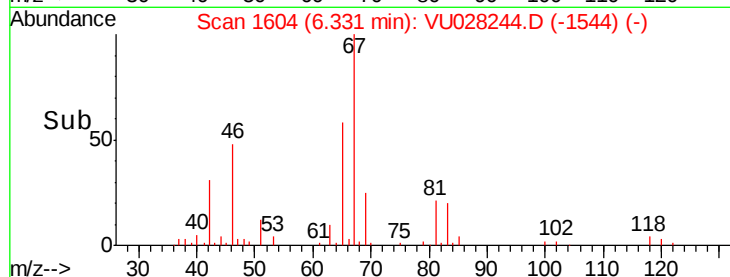
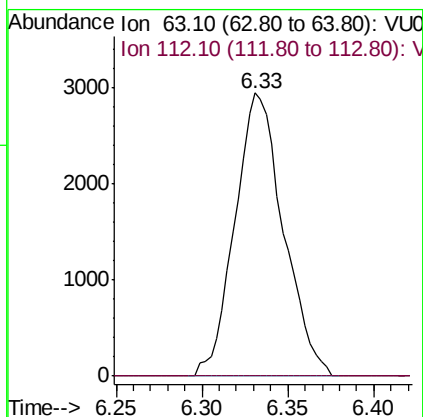
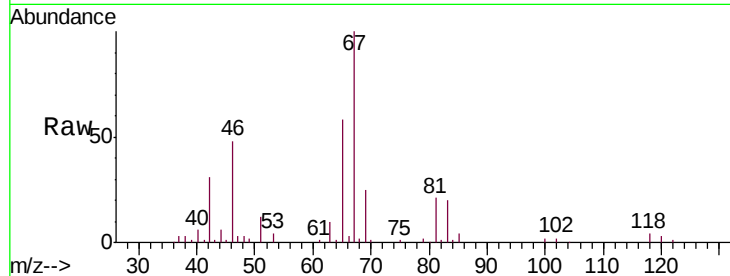




#37
 1,2-Dichloropropane
 Concen: 0.531 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.11 min
 Lab File: VU028244.D
 Acq: 19 Nov 2018 10:54

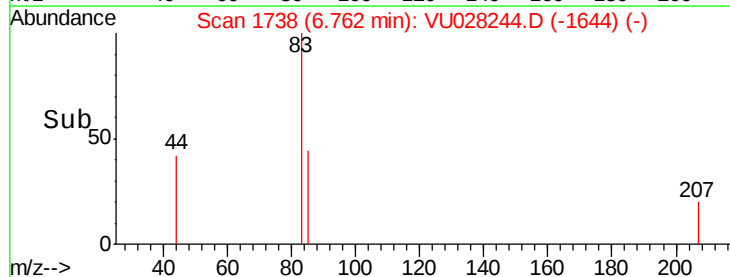
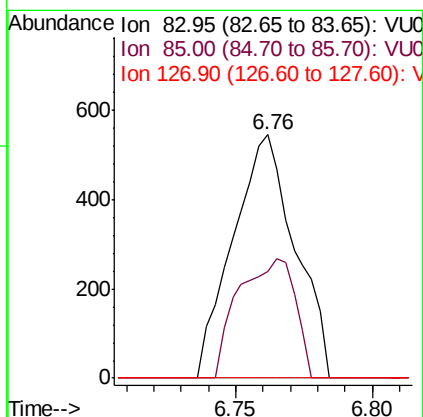
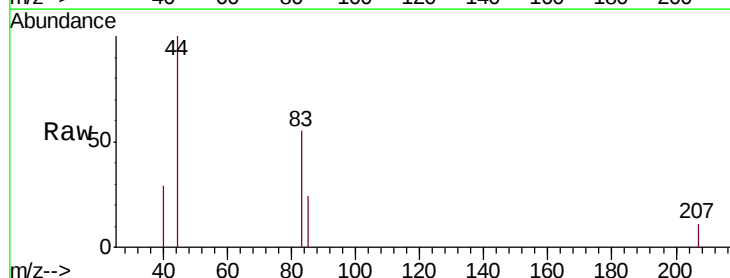
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

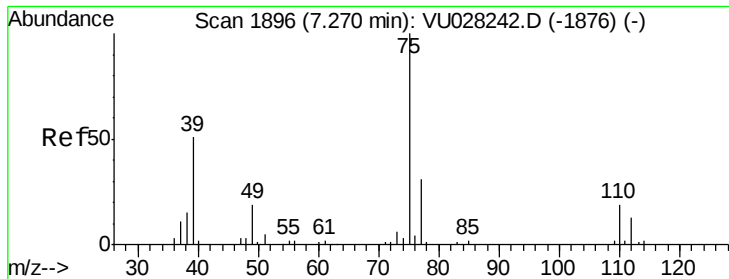
Tgt Ion: 63 Resp: 5761
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.2#



#38
 Bromodichloromethane
 Concen: 0.073 ug/L
 RT: 6.76 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: VU028244.D
 Acq: 19 Nov 2018 10:54

Tgt Ion: 83 Resp: 861
 Ion Ratio Lower Upper
 83 100
 85 43.8 44.2 82.0#
 127 0.0 6.2 9.4#



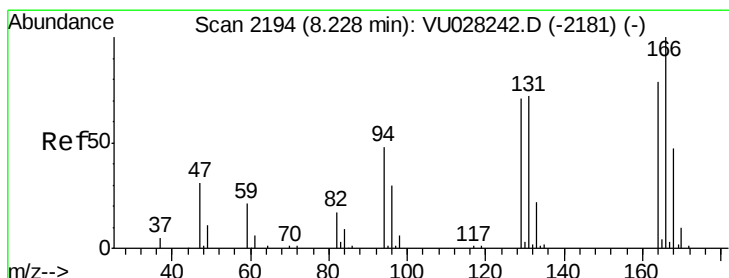
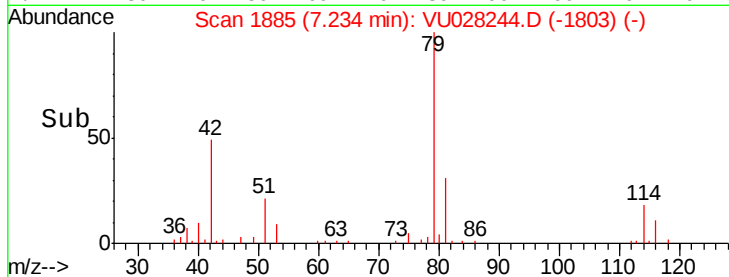
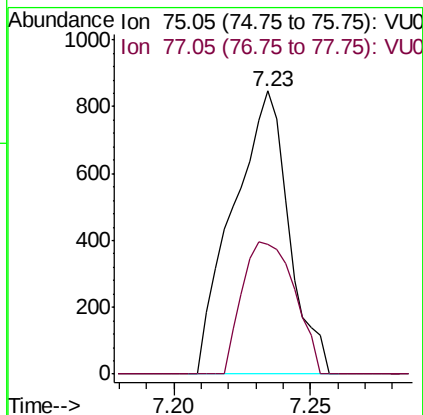
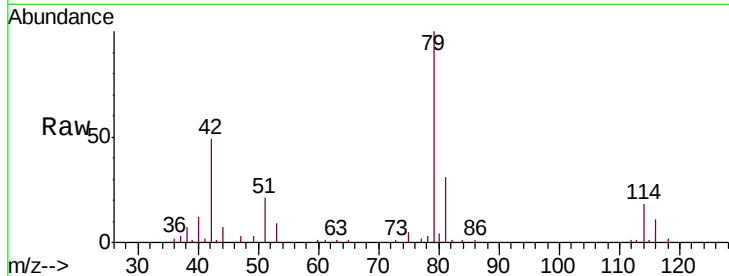


#39

cis-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.23 min Scan# 1885
Delta R.T. -0.04 min
Lab File: VU028244.D
Acq: 19 Nov 2018 10:54

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

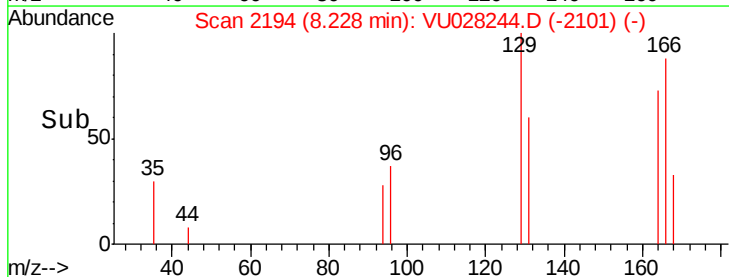
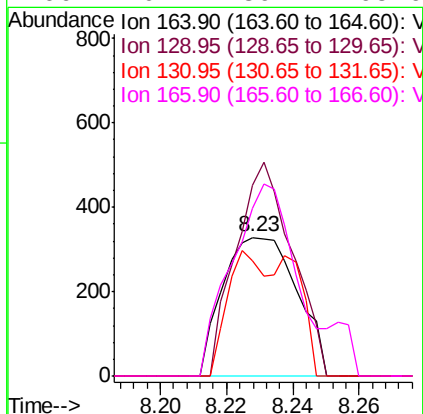
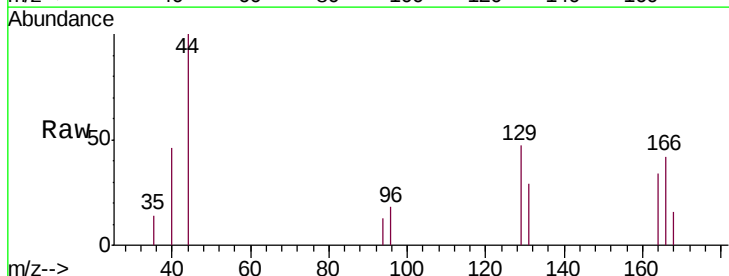
Tgt Ion: 75 Resp: 1202
Ion Ratio Lower Upper
75 100
77 46.0 21.7 40.3#

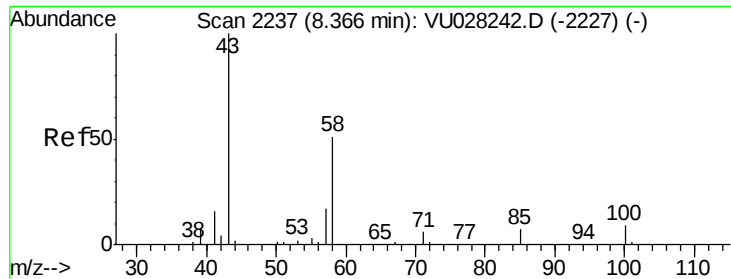


#47

Tetrachloroethene
Concen: 0.079 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028244.D
Acq: 19 Nov 2018 10:54

Tgt Ion: 164 Resp: 512
Ion Ratio Lower Upper
164 100
129 137.7 67.6 125.6#
131 83.0 66.3 123.1
166 120.7 89.2 165.6

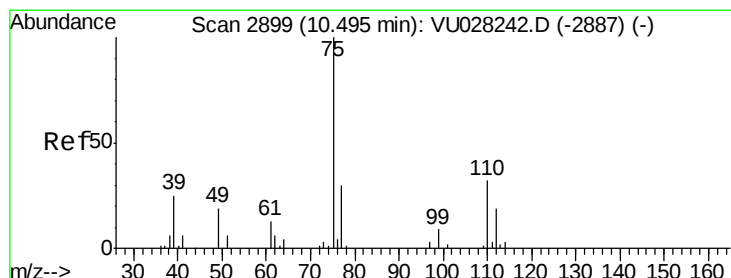
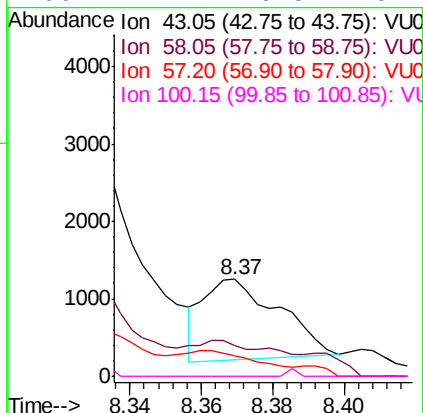
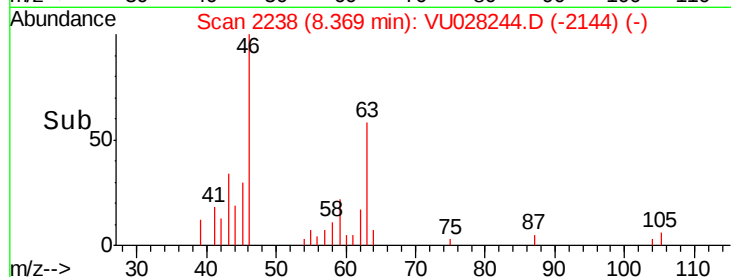
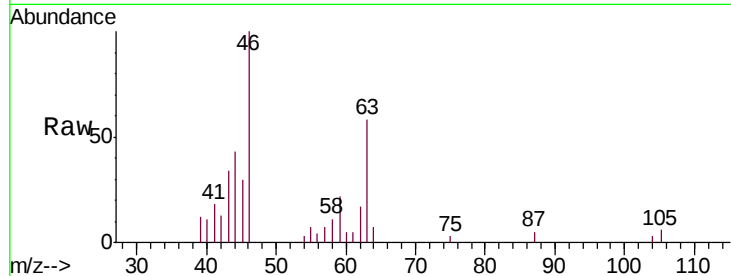




#48
2-Hexanone
Concen: 0.281 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU028244.D
Acq: 19 Nov 2018 10:54

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion:	43	Resp:	1551
Ion	Ratio	Lower	Upper
43	100		
58	62.3	41.1	61.7#
57	20.0	13.8	20.8
100	1.4	6.5	9.7#



#59
1,2,3-Trichloropropane
Concen: 1.148 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU028244.D
Acq: 19 Nov 2018 10:54

Tgt Ion:	75	Resp:	7192
Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.7	38.5

