

Data File : VU029140.D
Acq On : 11 Jan 2019 14:18
Operator : JC/SP
Sample : K1111-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jan 11 22:14:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 11 22:10:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	114359	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	114519	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48232	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37180	6.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.60%
7) Chloroethane-d5	1.68	69	32110	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.20%
11) 1,1-Dichloroethene-d2	2.27	63	51953	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	4.21	46	102149	63.86	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.72%
24) Chloroform-d	4.65	84	72272	6.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.40%
26) 1,2-Dichloroethane-d4	5.31	65	36698	6.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.00%
32) Benzene-d6	5.34	84	146897	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
36) 1,2-Dichloropropane-d6	6.33	67	51274	5.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.80%
41) Toluene-d8	7.56	98	127889	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	7.85	79	17933	5.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.40%
46) 2-Hexanone-d5	8.31	63	84610	57.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	38495	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	45871	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

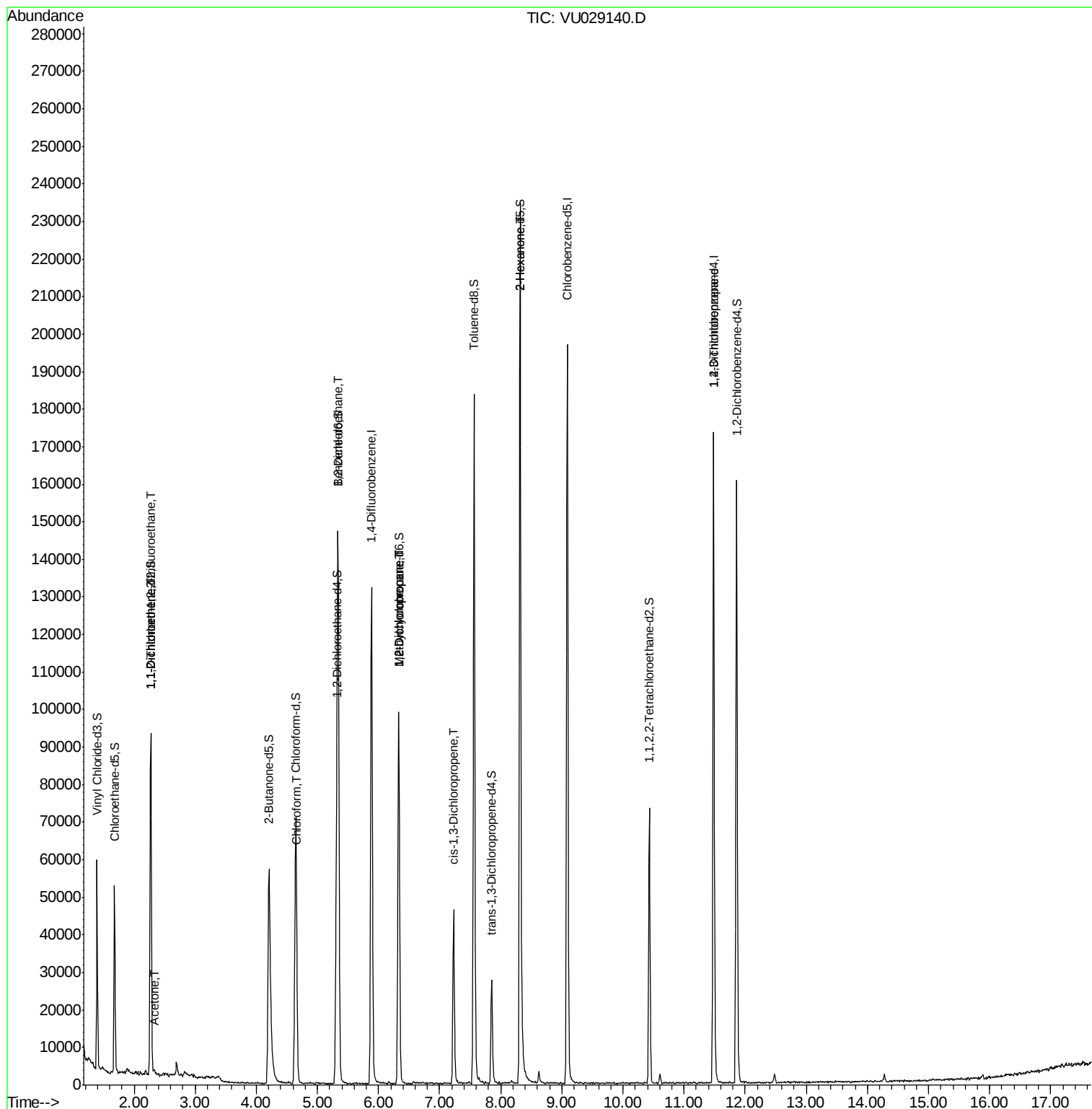
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	517	0.061 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	593	0.072 ug/L #	1
13) Acetone	2.34	43	681	0.527 ug/L #	39
25) Chloroform	4.67	83	689	0.047 ug/L	94
27) 1,2-Dichloroethane	5.33	62	630	0.073 ug/L #	73
35) Methylcyclohexane	6.33	83	11218	0.698 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4565	0.489 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1098	0.082 ug/L	98
48) 2-Hexanone	8.31	43	9735	2.835 ug/L #	62
59) 1,2,3-Trichloropropane	11.48	75	5706	1.049 ug/L	97

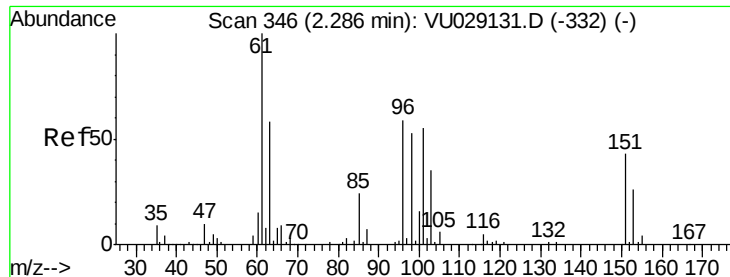
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.061 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

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VHBLK01

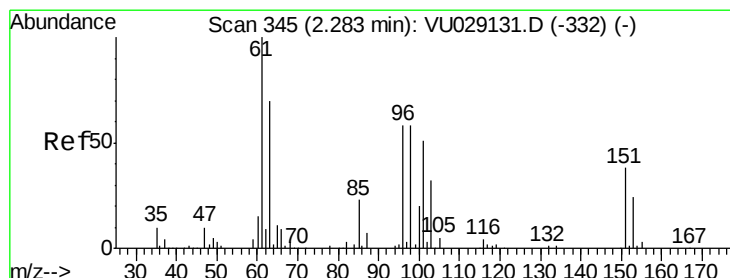
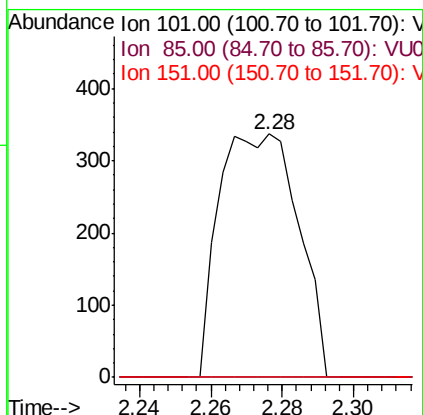
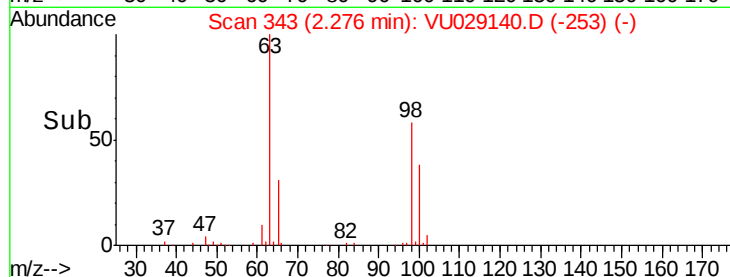
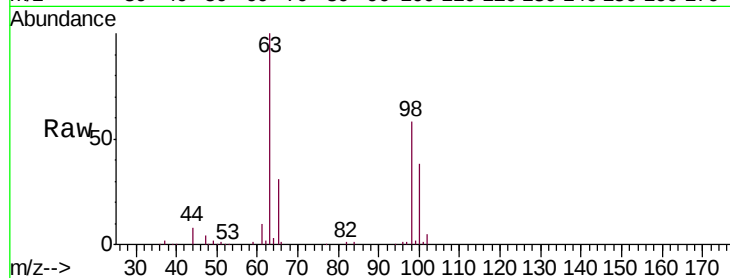
Tgt Ion: 101 Resp: 517

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 60.9 91.3#



#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.02 min

Lab File: VU029140.D

Acq: 11 Jan 2019 14:18

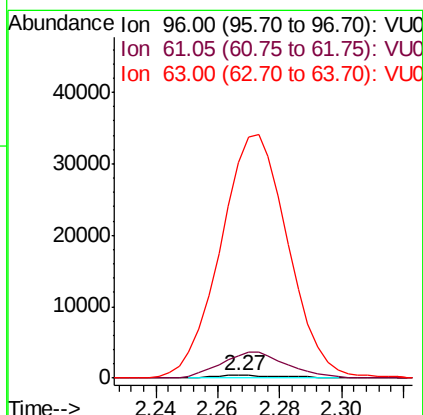
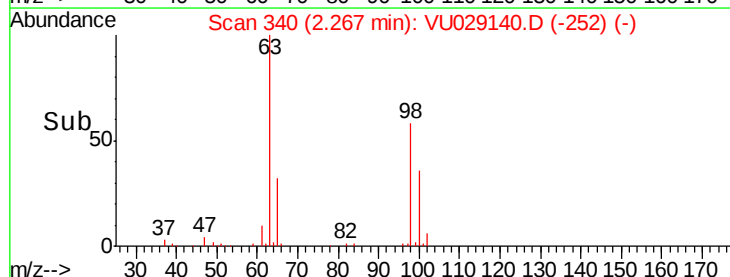
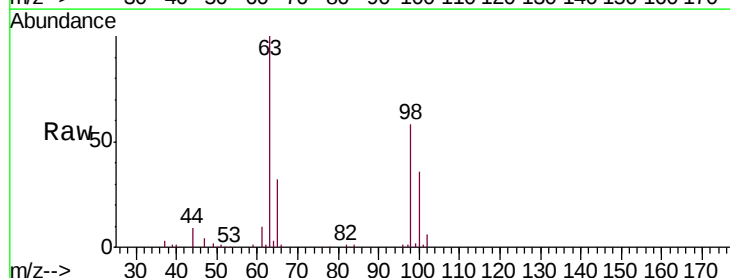
Tgt Ion: 96 Resp: 593

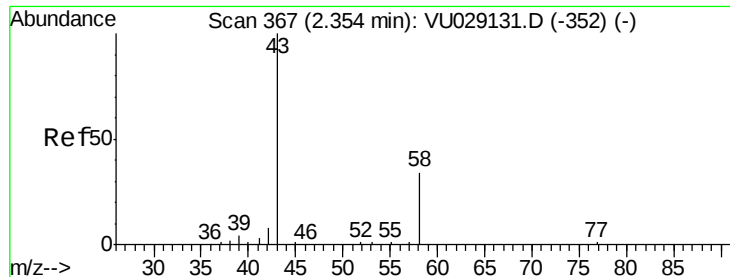
Ion Ratio Lower Upper

96 100

61 847.7 110.5 205.3#

63 8135.8 67.6 125.6#





#13

Acetone

Concen: 0.527 ug/L

RT: 2.34 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU029140.D

Acq: 11 Jan 2019 14:18

Instrument :

MSVOA_U

ClientSampleId :

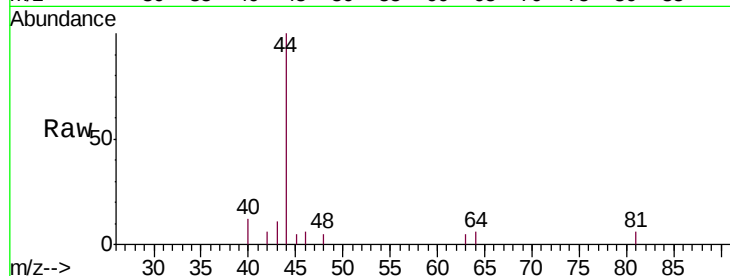
VHBLK01

Tgt Ion: 43 Resp: 681

Ion Ratio Lower Upper

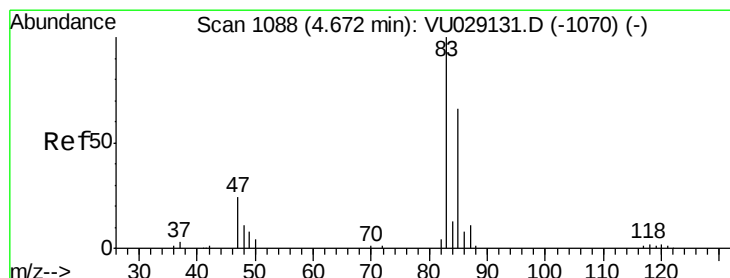
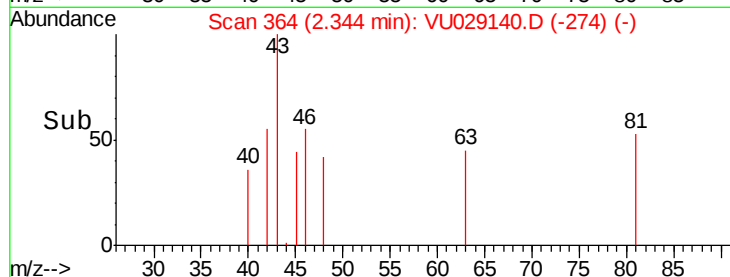
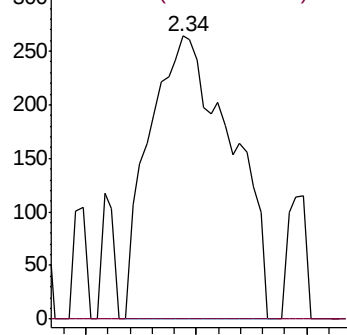
43 100

58 0.0 0.0 71.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 0.047 ug/L

RT: 4.67 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VU029140.D

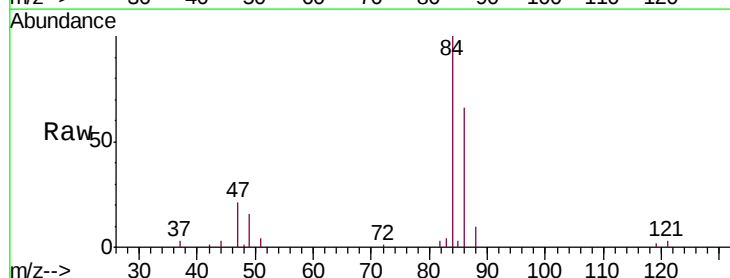
Acq: 11 Jan 2019 14:18

Tgt Ion: 83 Resp: 689

Ion Ratio Lower Upper

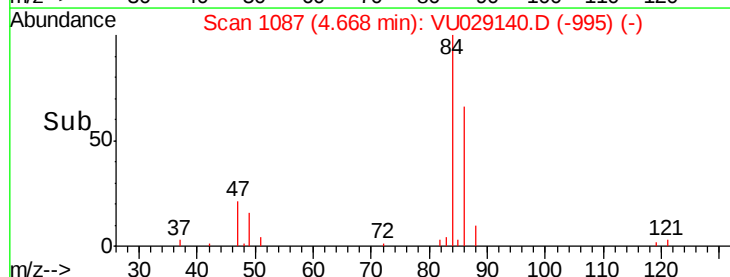
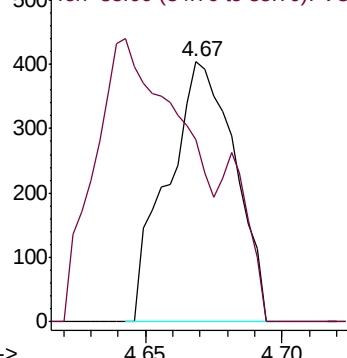
83 100

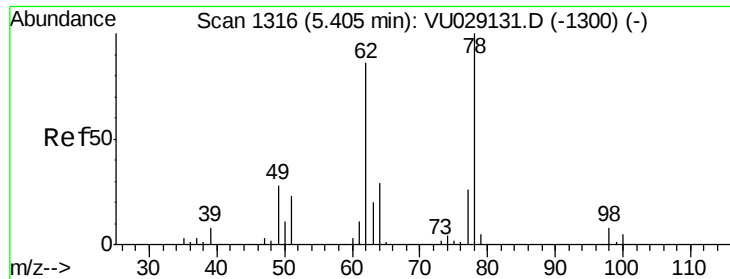
85 70.2 45.6 84.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#27

1,2-Dichloroethane

Concen: 0.073 ug/L

RT: 5.33 min Scan# 1293

Delta R.T. -0.07 min

Lab File: VU029140.D

Acq: 11 Jan 2019 14:18

Instrument :

MSVOA_U

ClientSampleId :

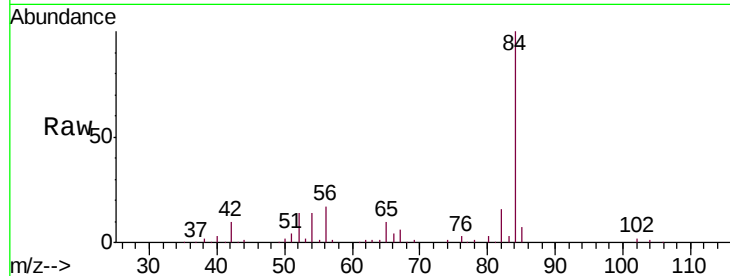
VHBLK01

Tgt Ion: 62 Resp: 630

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

500

400

300

200

100

0

5.30

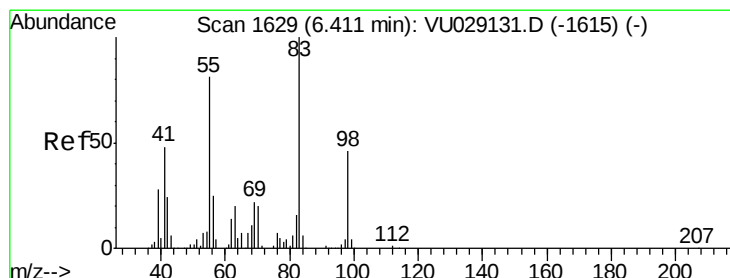
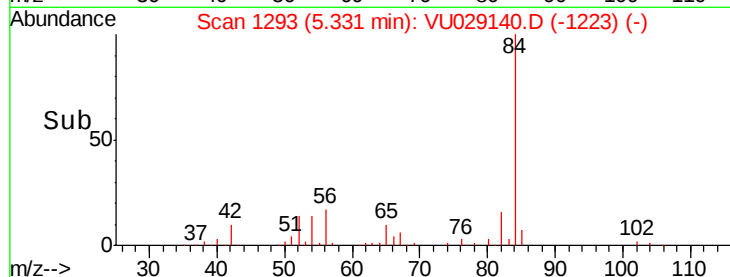
5.32

5.34

5.36

5.38

Time-->



#35

Methylcyclohexane

Concen: 0.698 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.08 min

Lab File: VU029140.D

Acq: 11 Jan 2019 14:18

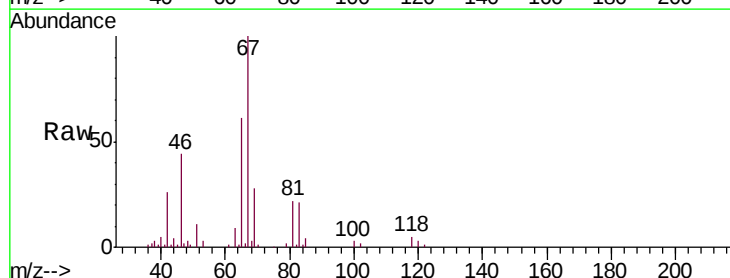
Tgt Ion: 83 Resp: 11218

Ion Ratio Lower Upper

83 100

55 0.0 59.8 89.6#

98 0.0 37.0 55.6#



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

6000

4000

2000

0

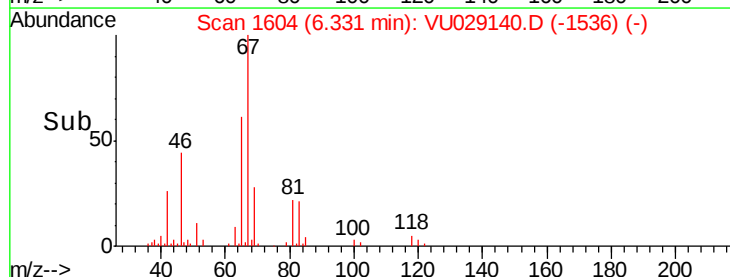
6.25

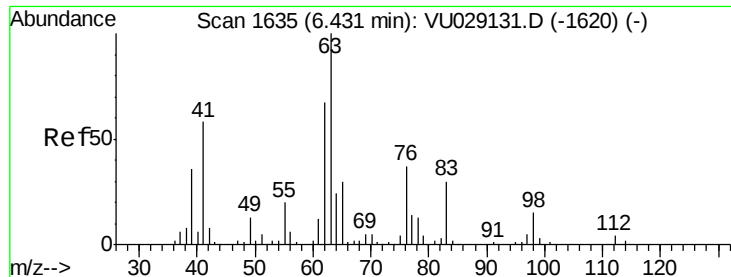
6.30

6.35

6.40

Time-->





#37

1,2-Dichloropropane

Concen: 0.489 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU029140.D

Acq: 11 Jan 2019 14:18

Instrument :

MSVOA_U

ClientSampleId :

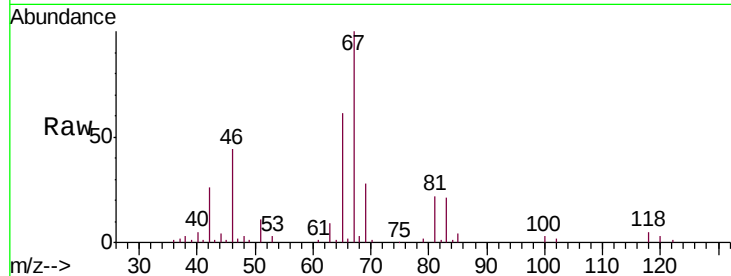
VHBLK01

Tgt Ion: 63 Resp: 4565

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU029140.D (-1542) (-)

Ion 112.10 (111.80 to 112.80): VU029140.D (-1542) (-)

6.33

2500

2000

1500

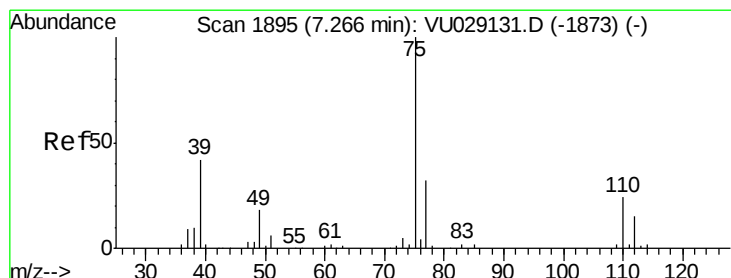
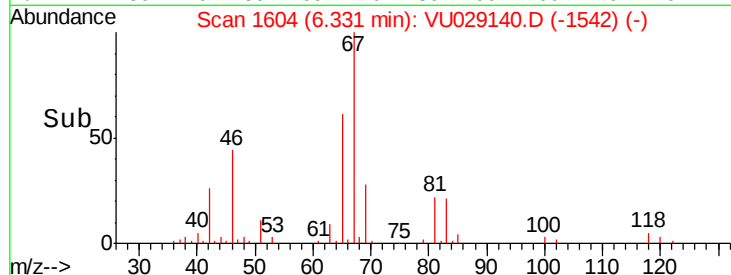
1000

500

0

6.30 6.35

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.23 min Scan# 1885

Delta R.T. -0.03 min

Lab File: VU029140.D

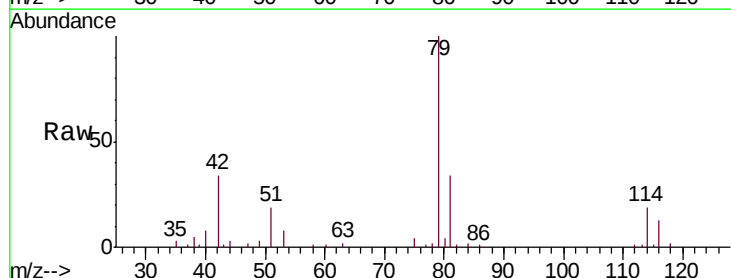
Acq: 11 Jan 2019 14:18

Tgt Ion: 75 Resp: 1098

Ion Ratio Lower Upper

75 100

77 29.8 21.5 39.9



Abundance Ion 75.05 (74.75 to 75.75): VU029140.D (-1802) (-)

Ion 77.05 (76.75 to 77.75): VU029140.D (-1802) (-)

7.23

600

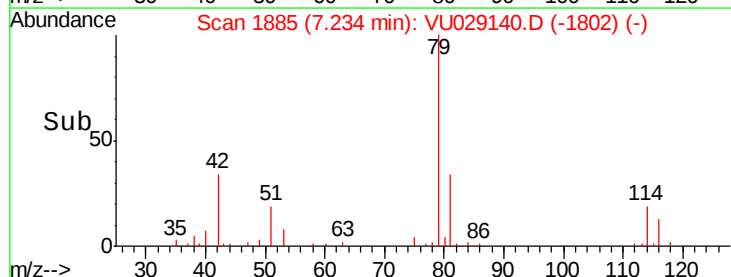
400

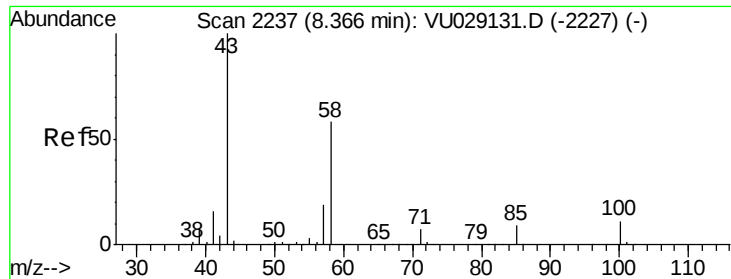
200

0

7.20 7.25

Time-->

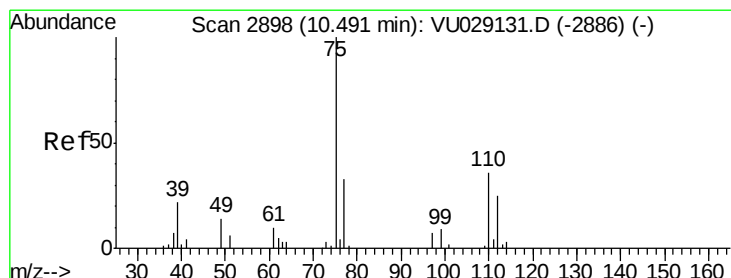
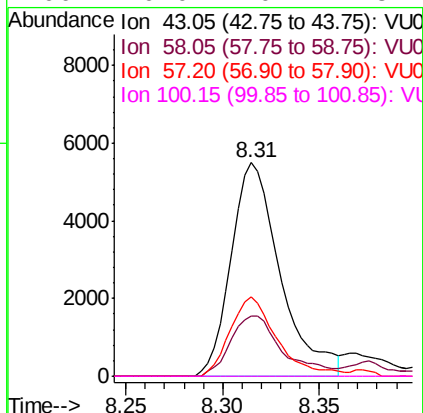
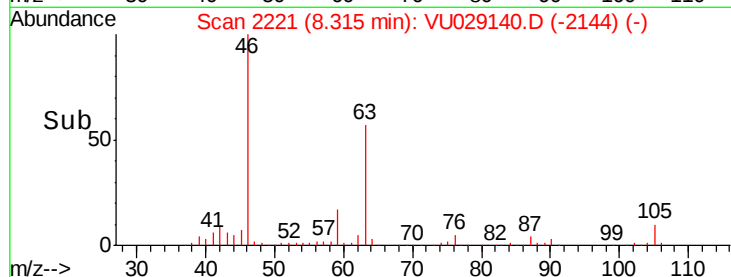
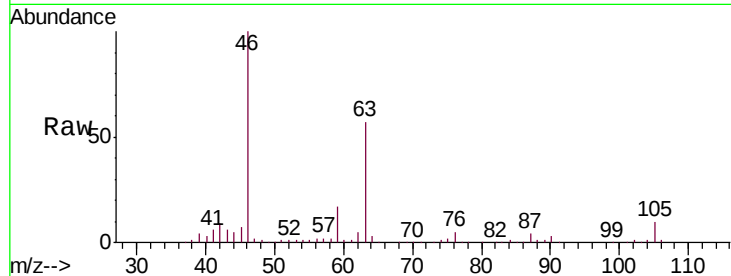




#48
 2-Hexanone
 Concen: 2.835 ug/L
 RT: 8.31 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: VU029140.D
 Acq: 11 Jan 2019 14:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 9735
 Ion Ratio Lower Upper
 43 100
 58 29.5 48.8 73.2#
 57 35.2 16.0 24.0#
 100 0.0 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.049 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU029140.D
 Acq: 11 Jan 2019 14:18

Tgt Ion: 75 Resp: 5706
 Ion Ratio Lower Upper
 75 100
 77 34.3 26.0 39.0

