

Data File : VU026895.D
Acq On : 19 Sep 2018 13:17
Operator : MD/SY
Sample : J4896-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Sep 20 02:32:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 20 02:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	243689	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	229903	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	94385	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	89898	49.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.74%
7) Chloroethane-d5	1.67	69	79289	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.78%
11) 1,1-Dichloroethene-d2	2.27	63	127186	37.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.58%
21) 2-Butanone-d5	4.18	46	103913	86.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.86%
24) Chloroform-d	4.65	84	162213	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
26) 1,2-Dichloroethane-d4	5.31	65	104975	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
32) Benzene-d6	5.34	84	334641	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.88%
36) 1,2-Dichloropropane-d6	6.33	67	108531	52.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.56%
41) Toluene-d8	7.57	98	278799	47.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.85	79	39307	42.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.82%
47) 2-Hexanone-d5	8.31	63	80422	98.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.57%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	138922	47.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	109819	55.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.86%

Target Compounds

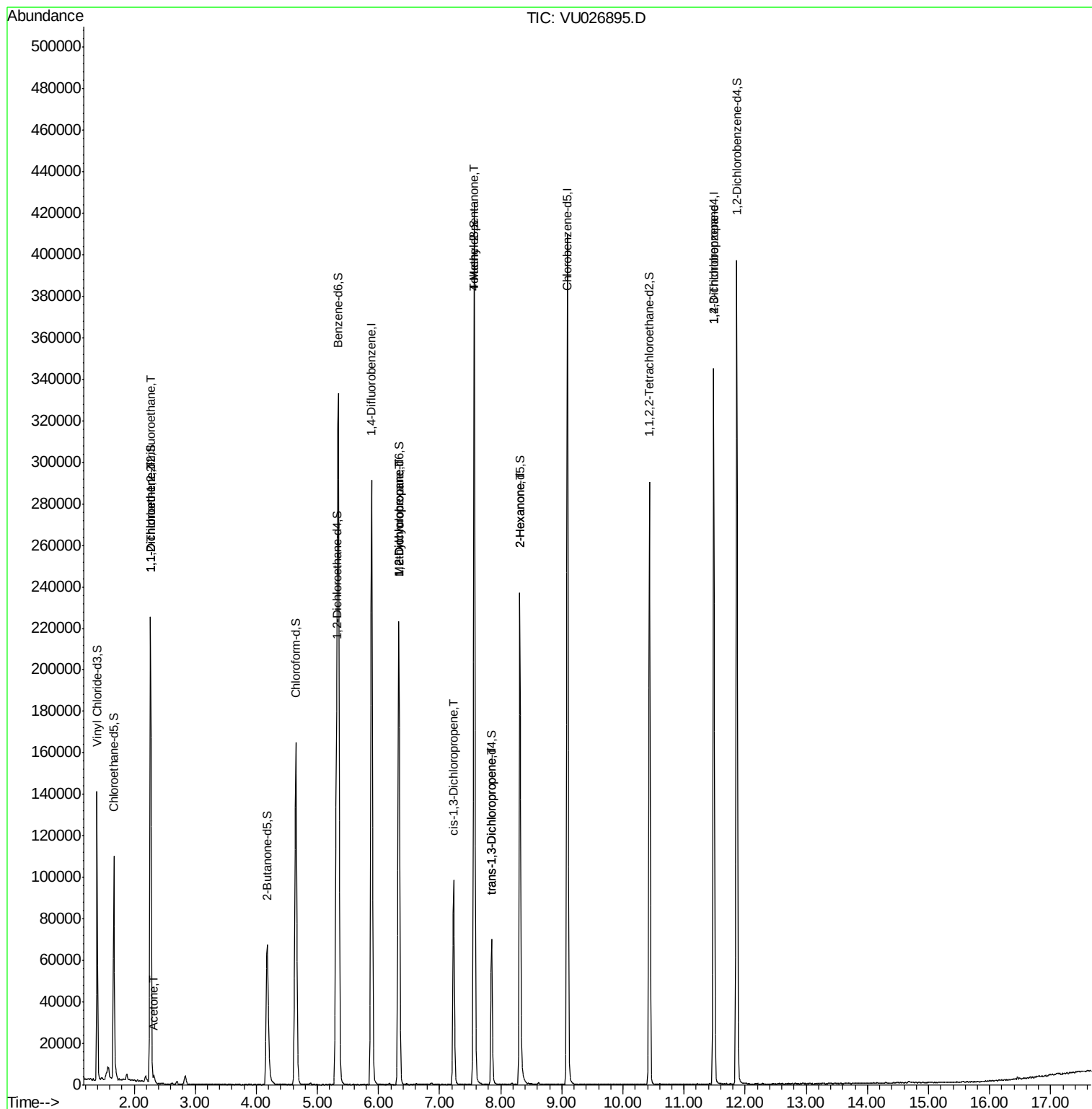
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1101	0.654 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1108	0.701 ug/L #	1
13) Acetone	2.32	43	949	0.807 ug/L	65
35) Methylcyclohexane	6.33	83	25620	9.189 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	11562	5.905 ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2201	0.796 ug/L #	39
40) 4-Methyl-2-pentanone	7.57	43	1094	0.470 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1613	0.623 ug/L #	82
48) 2-Hexanone	8.31	43	9790	5.217 ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	10612	4.525 ug/L	94

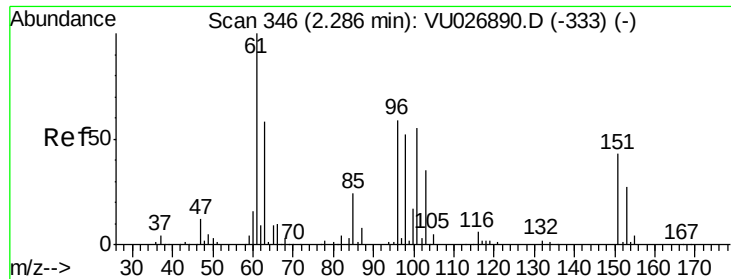
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.654 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026895.D

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

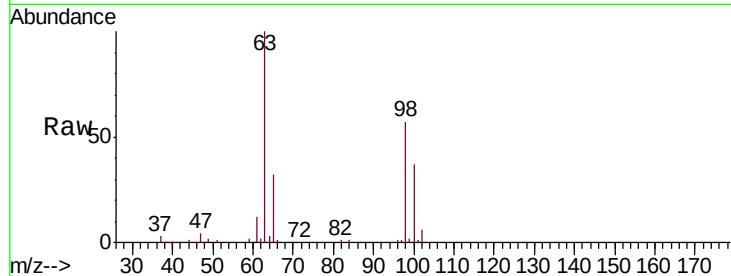
Tgt Ion: 101 Resp: 1101

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

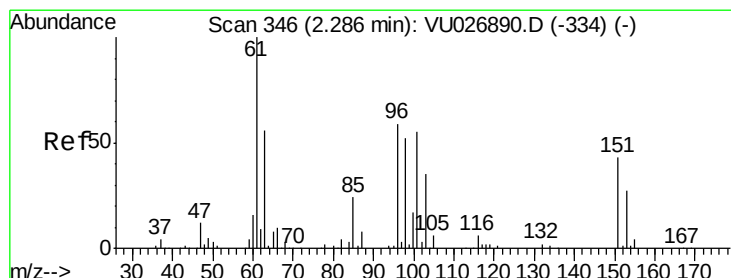
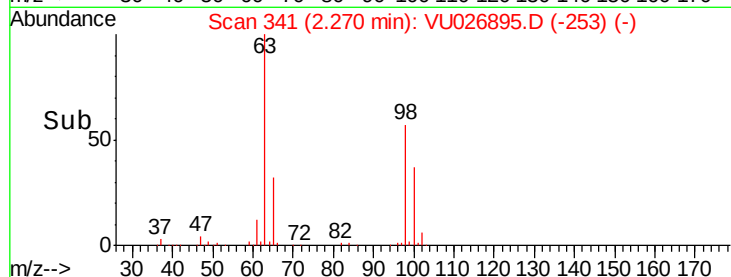
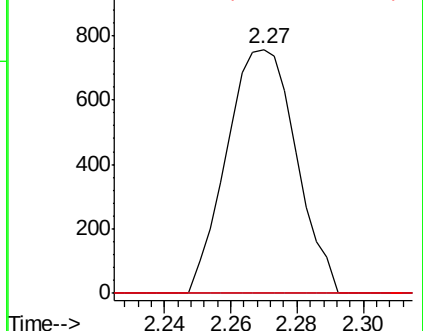
151 0.0 63.0 94.4#



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



#12

1,1-Dichloroethene

Concen: 0.701 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026895.D

Acq: 19 Sep 2018 13:17

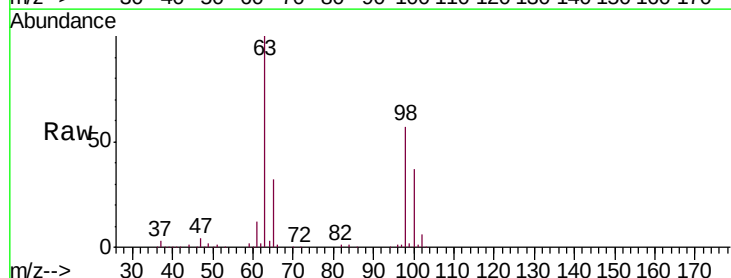
Tgt Ion: 96 Resp: 1108

Ion Ratio Lower Upper

96 100

61 1433.6 124.0 230.4#

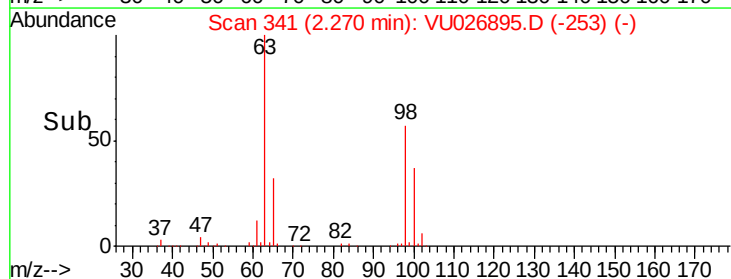
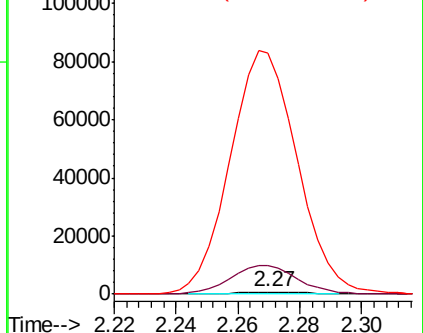
63 12129.6 97.7 181.5#

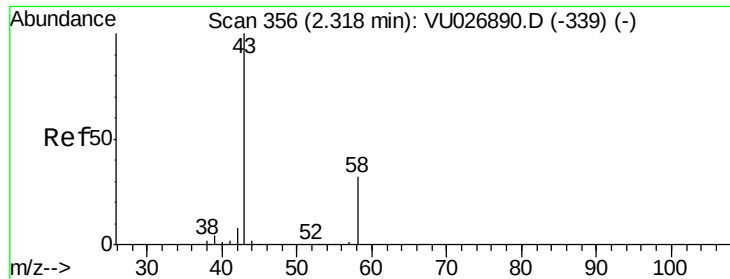


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.807 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

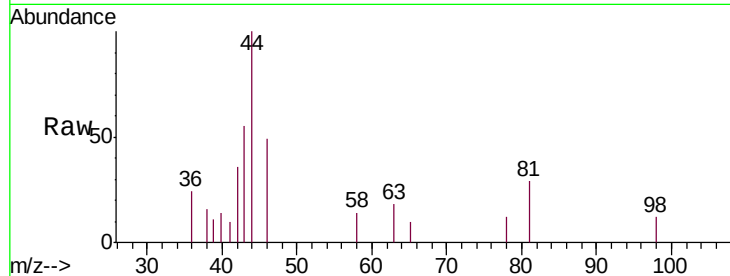
VHBLK01

Tgt Ion: 43 Resp: 949

Ion Ratio Lower Upper

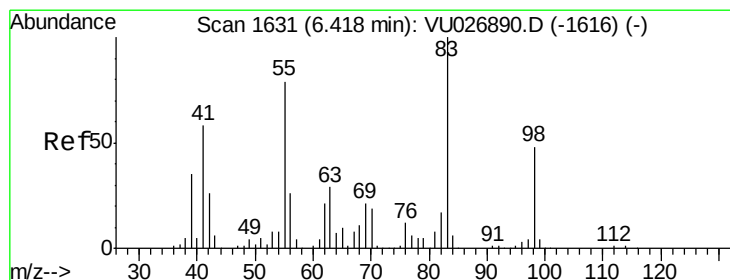
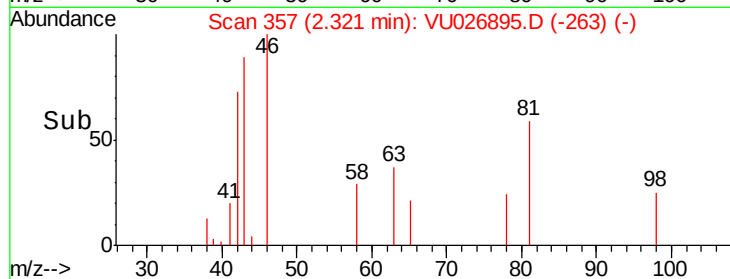
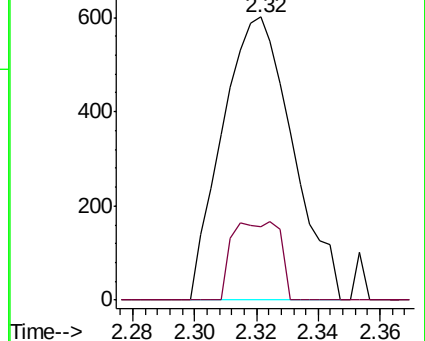
43 100

58 12.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 9.189 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU026895.D

Acq: 19 Sep 2018 13:17

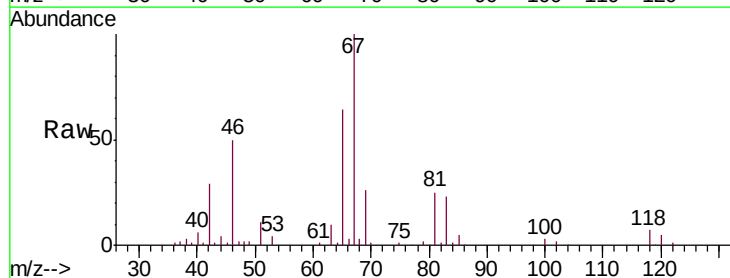
Tgt Ion: 83 Resp: 25620

Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

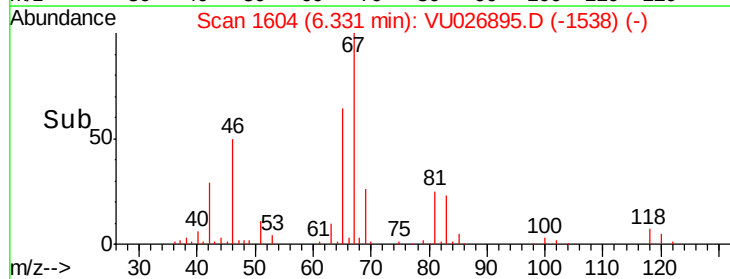
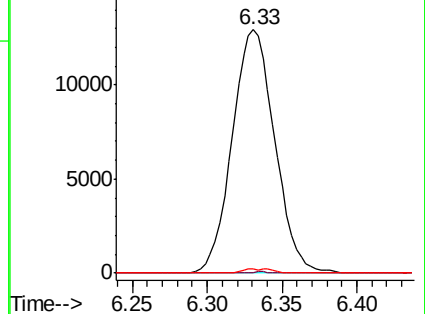
98 0.7 38.3 57.5#

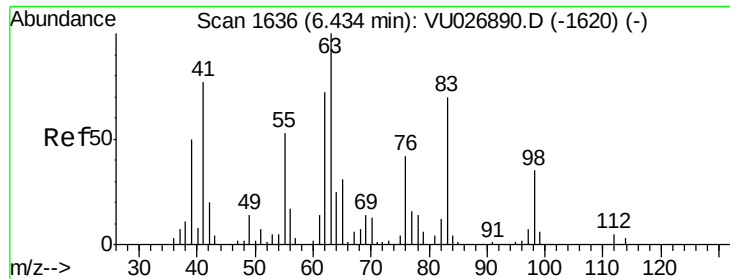


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

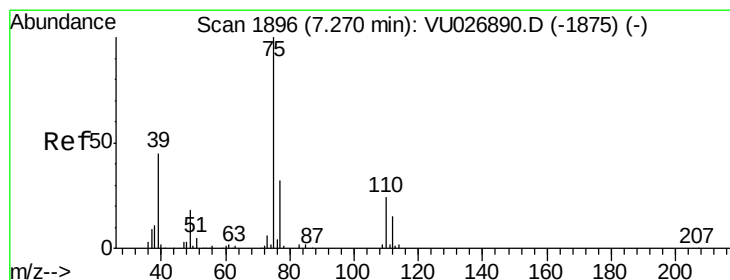
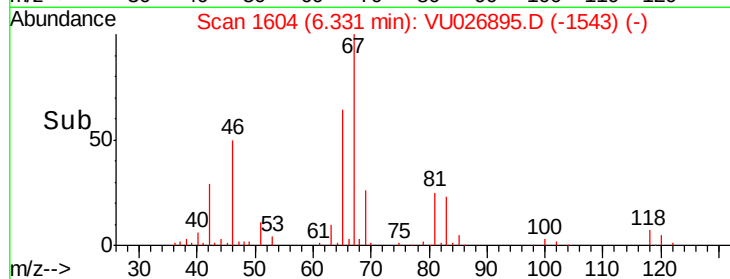
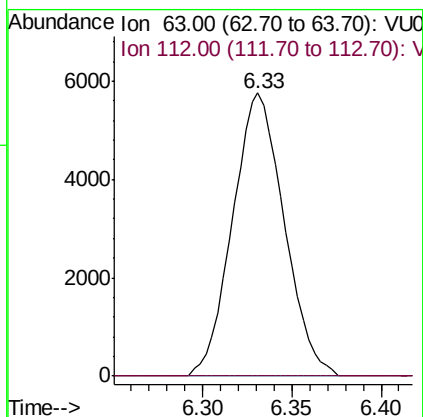
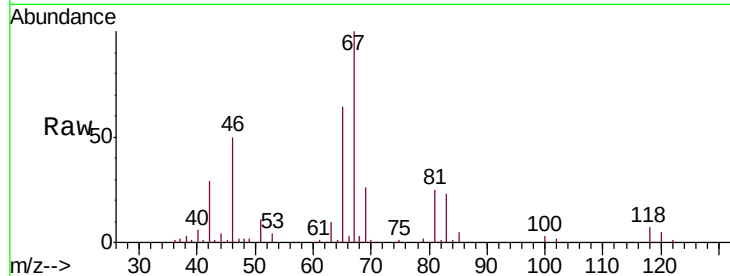




#37
 1,2-Dichloropropane
 Concen: 5.905 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU026895.D
 Acq: 19 Sep 2018 13:17

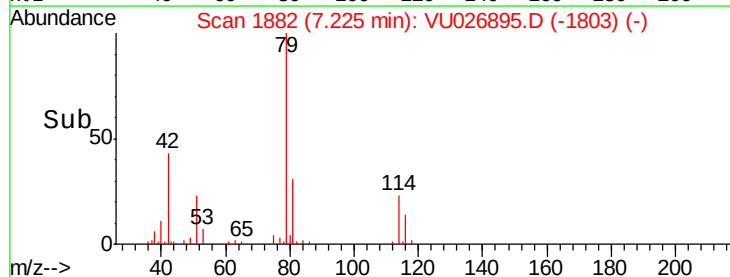
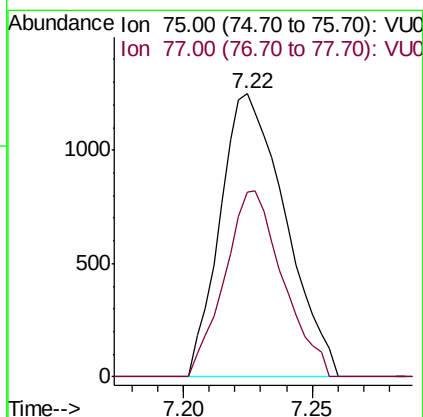
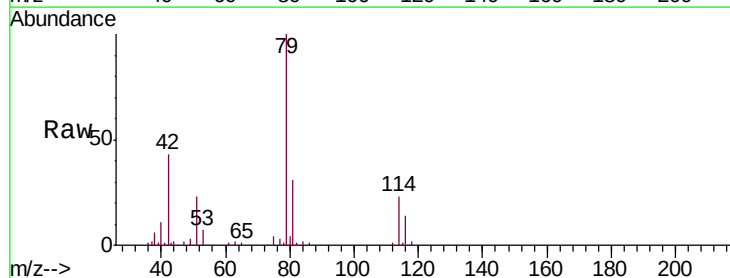
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

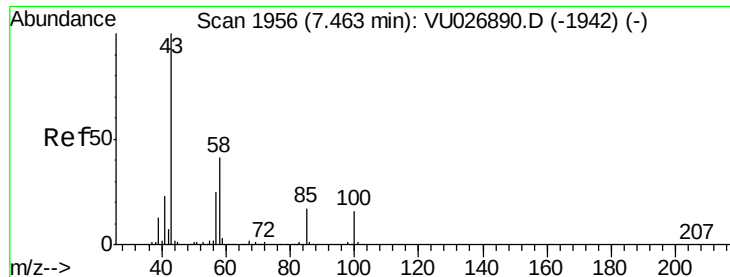
Tgt Ion: 63 Resp: 11562
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.796 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU026895.D
 Acq: 19 Sep 2018 13:17

Tgt Ion: 75 Resp: 2201
 Ion Ratio Lower Upper
 75 100
 77 65.4 22.1 41.1#





#40

4-Methyl-2-pentanone

Concen: 0.470 ug/L

RT: 7.57 min Scan# 1988

Delta R.T. 0.10 min

Lab File: VU026895.D

Acq: 19 Sep 2018 13:17

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

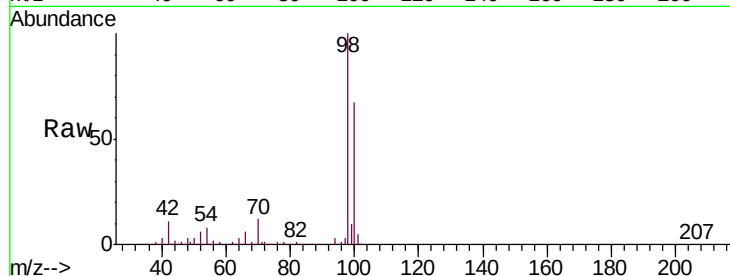
Tgt Ion: 43 Resp: 1094

Ion Ratio Lower Upper

43 100

58 202.6 32.0 48.0#

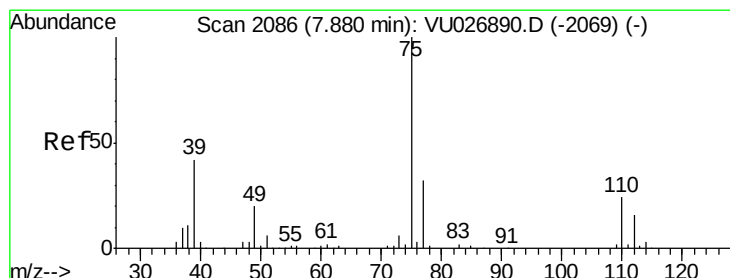
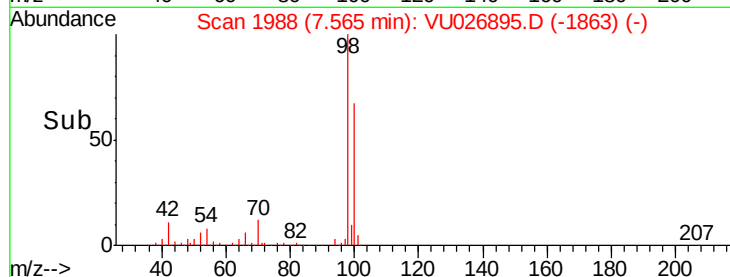
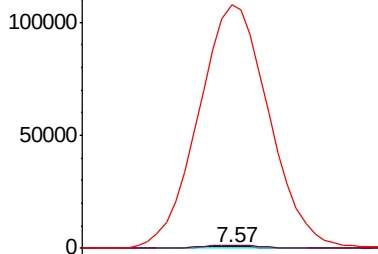
100 16792.1 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VU026895.D (-1988) (-)

Ion 58.00 (57.70 to 58.70): VU026895.D (-1988) (-)

Ion 100.00 (99.70 to 100.70): VU026895.D (-1988) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.623 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU026895.D

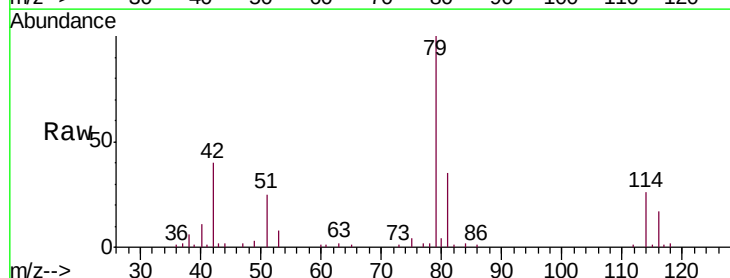
Acq: 19 Sep 2018 13:17

Tgt Ion: 75 Resp: 1613

Ion Ratio Lower Upper

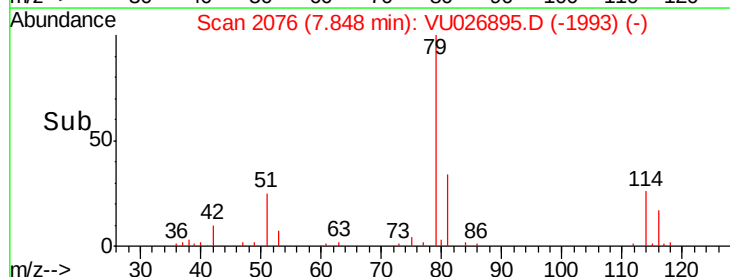
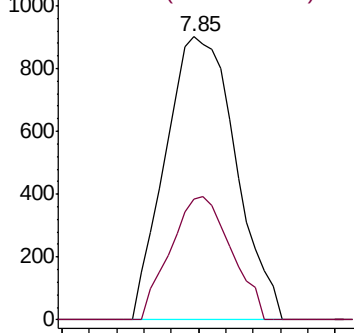
75 100

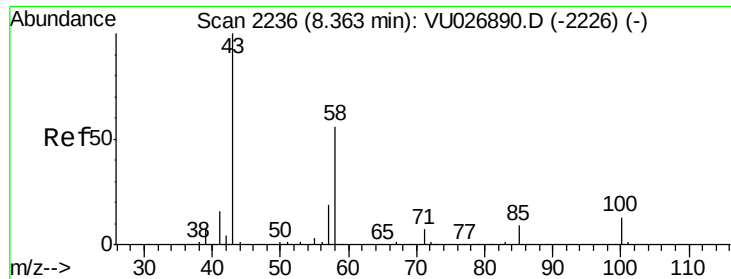
77 42.6 22.8 42.4#



Abundance Ion 75.00 (74.70 to 75.70): VU026895.D (-2076) (-)

Ion 77.00 (76.70 to 77.70): VU026895.D (-2076) (-)

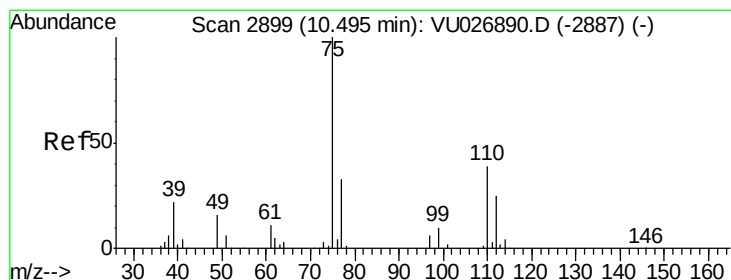
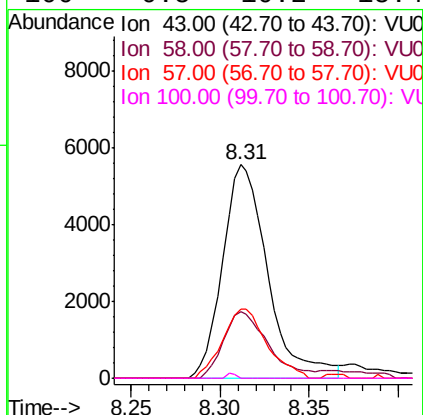
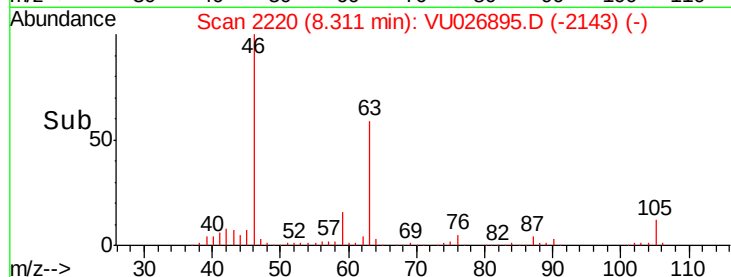
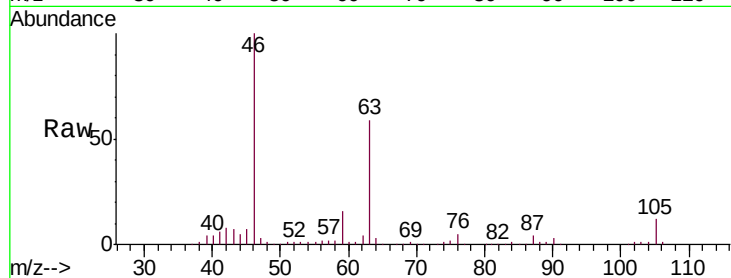




#48
2-Hexanone
Concen: 5.217 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU026895.D
Acq: 19 Sep 2018 13:17

Instrument :
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ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 9790
Ion Ratio Lower Upper
43 100
58 30.8 44.9 67.3#
57 31.7 15.4 23.2#
100 0.5 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 4.525 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026895.D
Acq: 19 Sep 2018 13:17

Tgt Ion: 75 Resp: 10612
Ion Ratio Lower Upper
75 100
77 35.4 25.5 38.3

