

Data File : VU026885.D
Acq On : 19 Sep 2018 00:09
Operator : MD/SY
Sample : J4896-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Sep 19 07:41:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	234513	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	223480	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90238	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86125	49.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.30%
7) Chloroethane-d5	1.68	69	75673	50.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.92%
11) 1,1-Dichloroethene-d2	2.27	63	124175	37.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.66%
21) 2-Butanone-d5	4.18	46	127407	110.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.67%
24) Chloroform-d	4.65	84	160969	50.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	5.31	65	105013	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.66%
32) Benzene-d6	5.34	84	324343	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
36) 1,2-Dichloropropane-d6	6.33	67	106808	52.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.86%
41) Toluene-d8	7.57	98	274129	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%
43) trans-1,3-Dichloropropene-	7.85	79	40173	44.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.18%
47) 2-Hexanone-d5	8.31	63	88023	110.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	141883	50.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	105742	56.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.66%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1107	0.684 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	925	0.608 ug/L #	1
13) Acetone	2.32	43	581	0.513 ug/L	63
16) Methylene chloride	2.70	84	1102	0.570 ug/L	94
35) Methylcyclohexane	6.33	83	24394	9.001 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	11381	5.980 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2071	0.770 ug/L #	56
44) trans-1,3-Dichloropropene	7.85	75	1638	0.651 ug/L #	76
48) 2-Hexanone	8.31	43	10431	5.718 ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	10310	4.522 ug/L	92

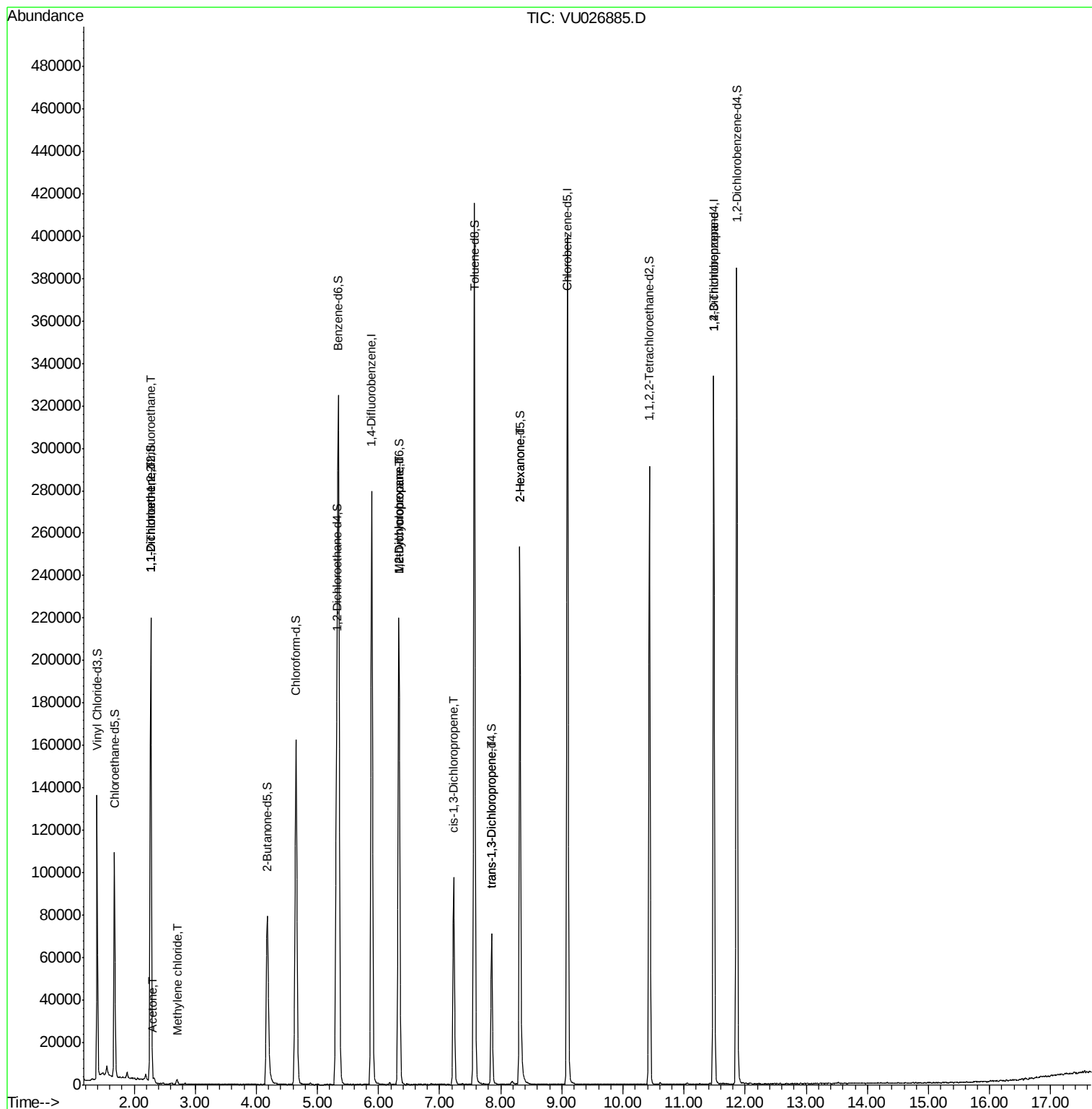
(#) = qualifier out of range (m) = manual integration (+) = signals summed

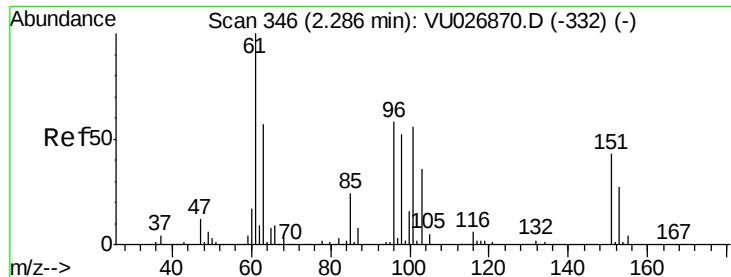
Data File : VU026885.D

Acq On : 19 Sep 2018 00:09
Operator : MD/SY
Sample : J4896-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Sep 19 07:41:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration





#10

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

Concen: 0.684 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026885.D

Acq: 19 Sep 2018 00:09

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

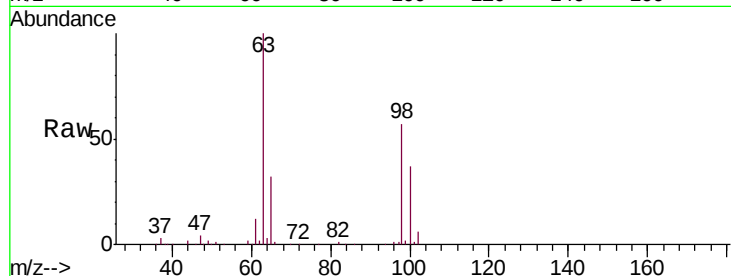
Tgt Ion: 101 Resp: 1107

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

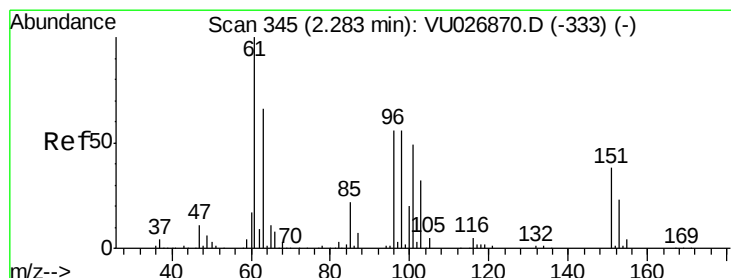
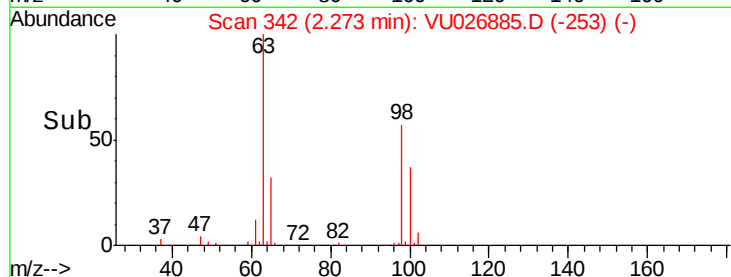
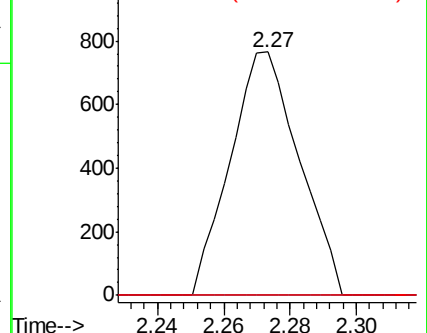
151 0.0 63.0 94.4#



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: 0.608 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026885.D

Acq: 19 Sep 2018 00:09

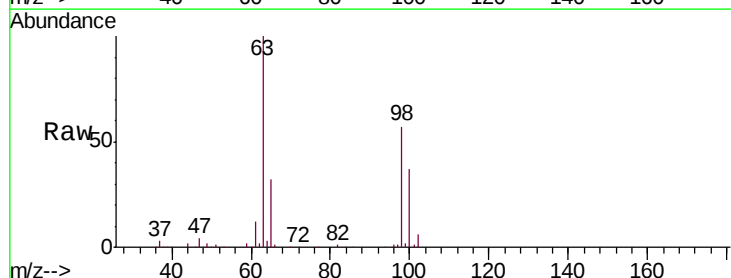
Tgt Ion: 96 Resp: 925

Ion Ratio Lower Upper

96 100

61 1447.3 124.0 230.4#

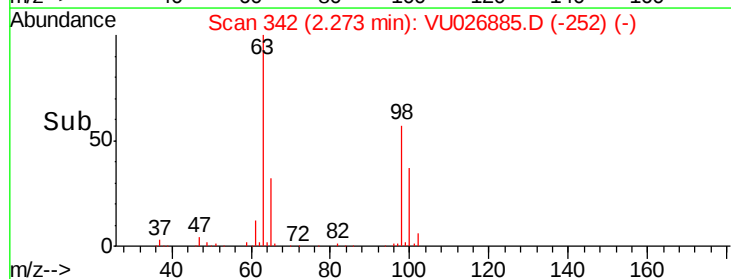
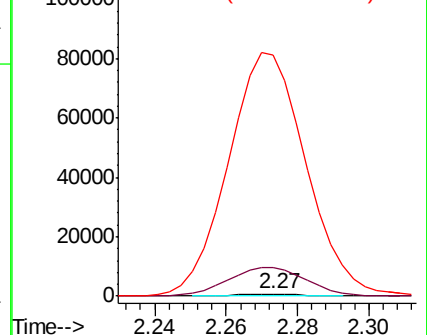
63 12073.7 97.7 181.5#

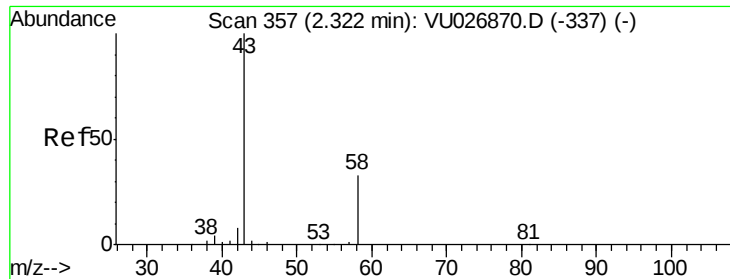


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.513 ug/L

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU026885.D

Acq: 19 Sep 2018 00:09

Instrument :

MSVOA_U

ClientSampleId :

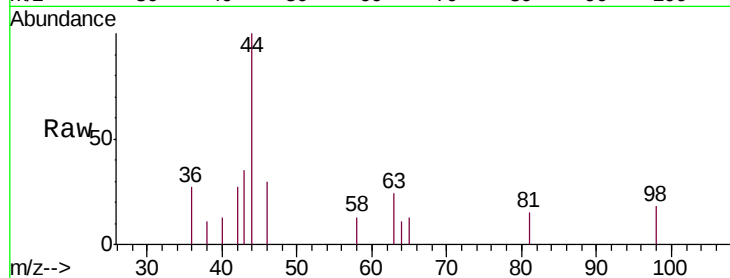
VHBLK01

Tgt Ion: 43 Resp: 581

Ion Ratio Lower Upper

43 100

58 11.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

300

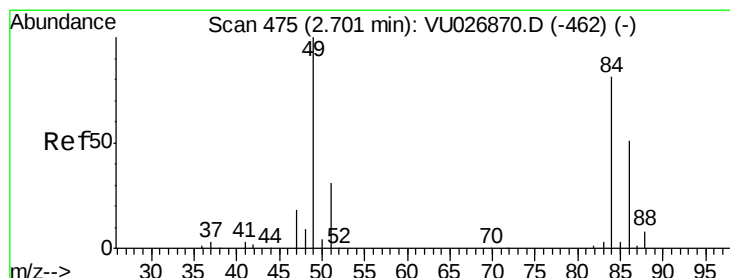
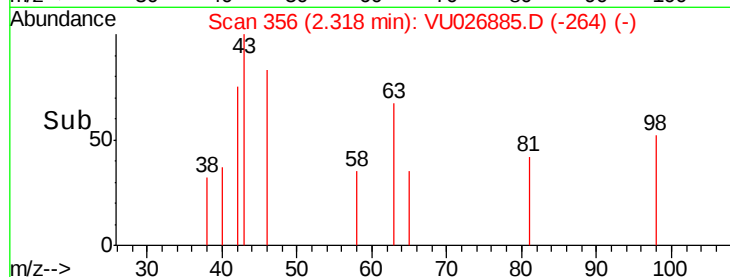
200

100

0

2.28 2.30 2.32 2.34

Time-->



#16

Methylene chloride

Concen: 0.570 ug/L

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU026885.D

Acq: 19 Sep 2018 00:09

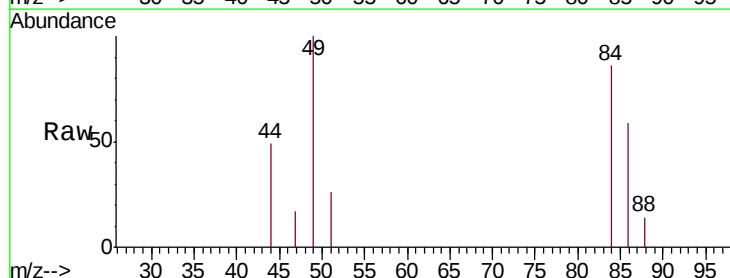
Tgt Ion: 84 Resp: 1102

Ion Ratio Lower Upper

84 100

86 68.6 45.3 84.1

49 115.6 86.2 160.2



Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

1000

800

600

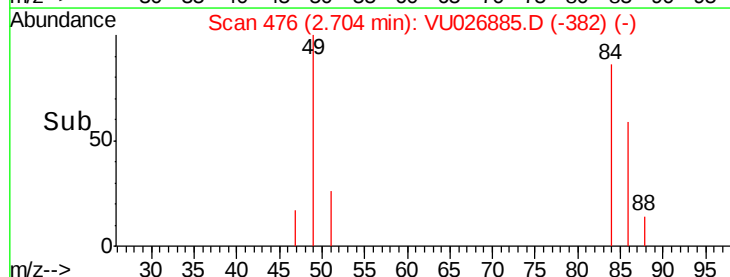
400

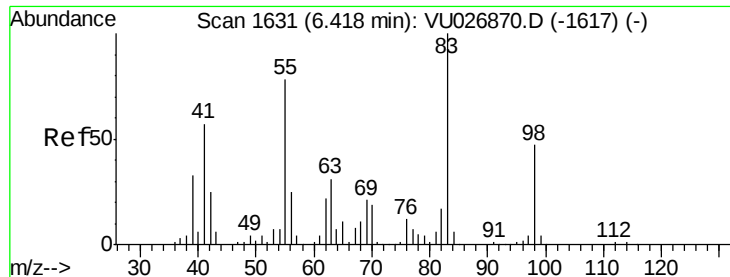
200

0

2.66 2.68 2.70 2.72 2.74

Time-->

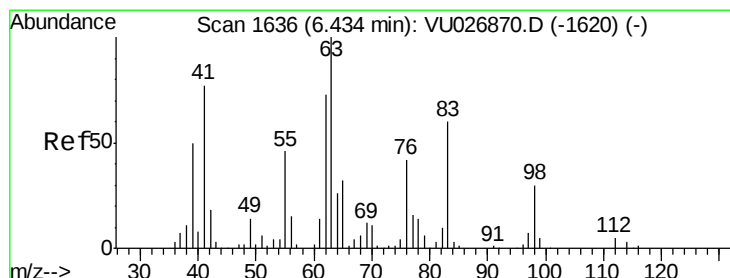
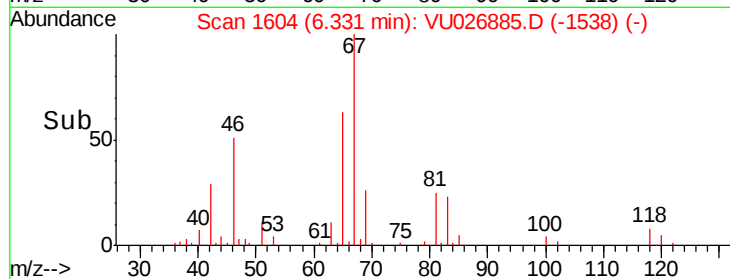
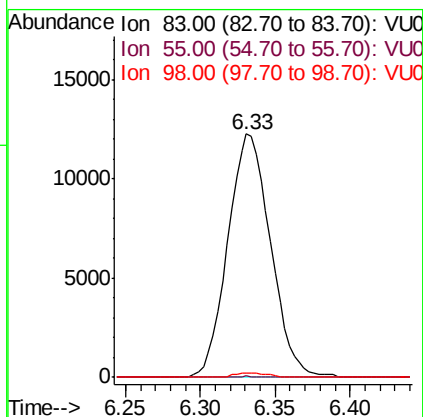
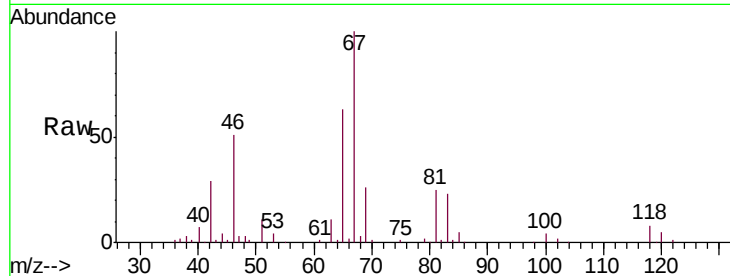




#35
Methylcyclohexane
Concen: 9.001 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026885.D
Acq: 19 Sep 2018 00:09

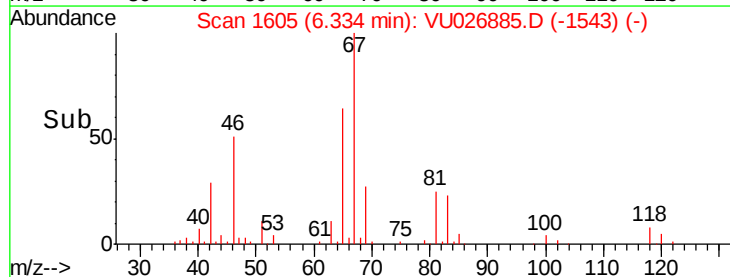
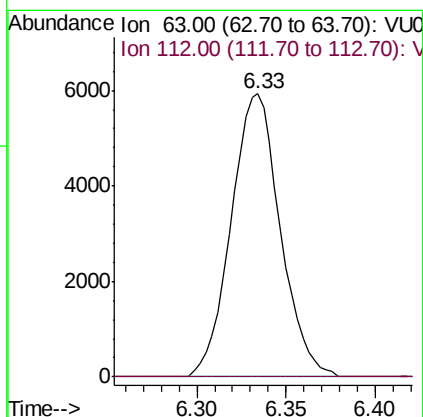
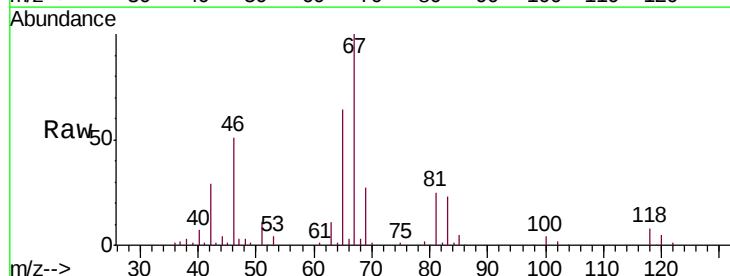
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

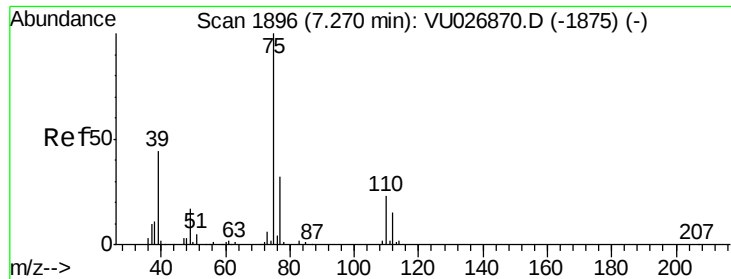
Tgt Ion: 83 Resp: 24394
Ion Ratio Lower Upper
83 100
55 0.0 61.7 92.5#
98 1.4 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 5.980 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026885.D
Acq: 19 Sep 2018 00:09

Tgt Ion: 63 Resp: 11381
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.770 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU026885.D

Acq: 19 Sep 2018 00:09

Instrument :

MSVOA_U

ClientSampled :

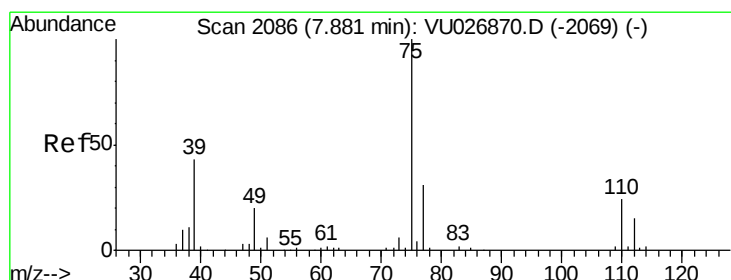
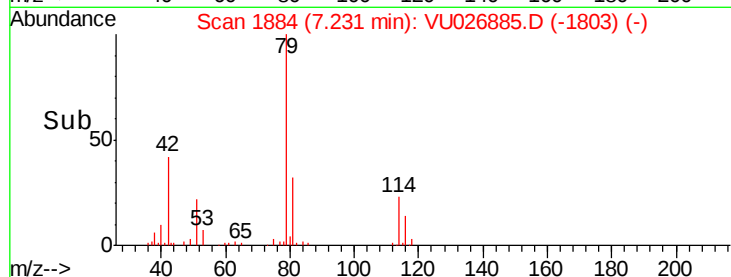
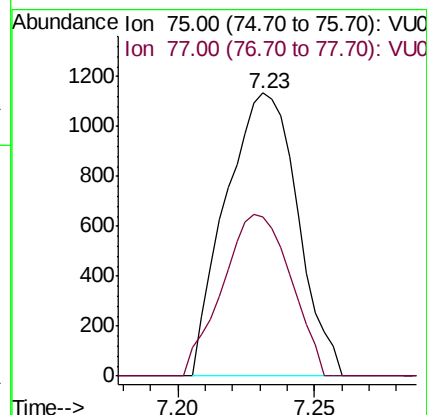
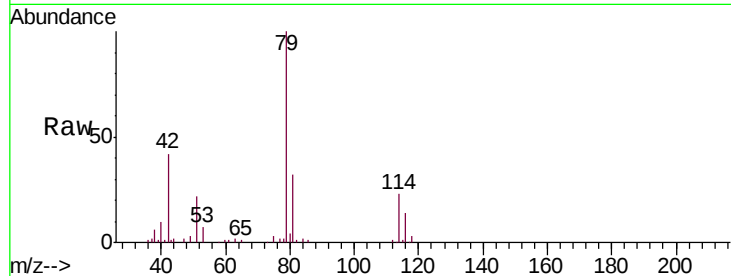
VHBLK01

Tgt Ion: 75 Resp: 2071

Ion Ratio Lower Upper

75 100

77 56.1 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 0.651 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU026885.D

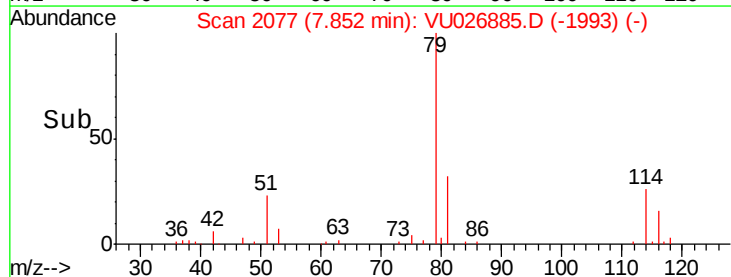
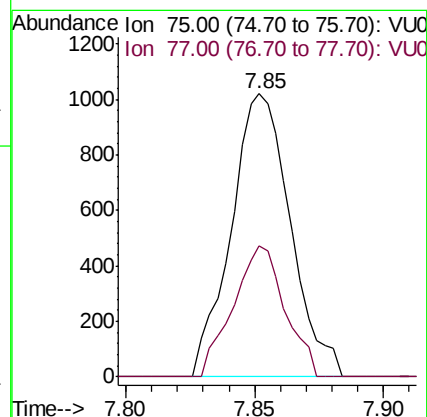
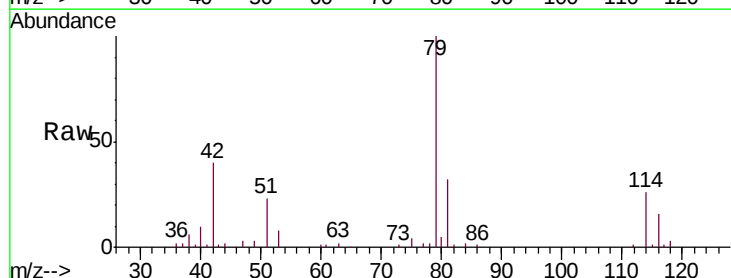
Acq: 19 Sep 2018 00:09

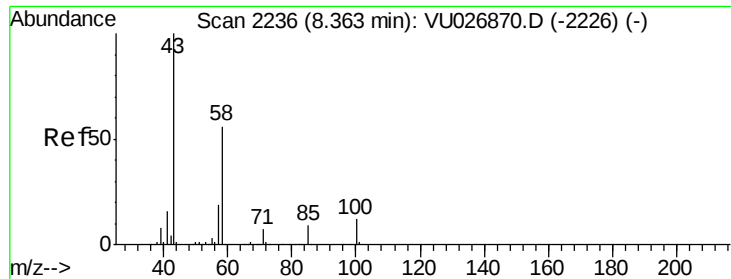
Tgt Ion: 75 Resp: 1638

Ion Ratio Lower Upper

75 100

77 46.3 22.8 42.4#

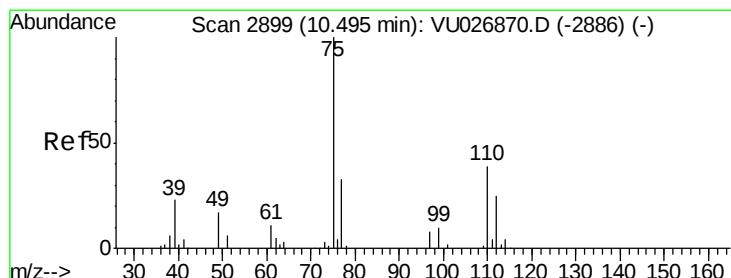
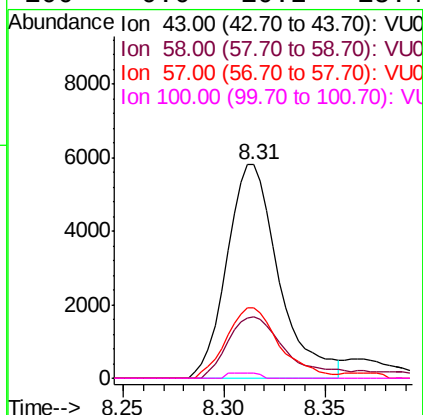
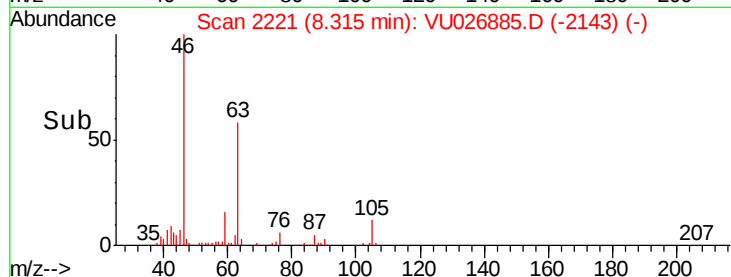
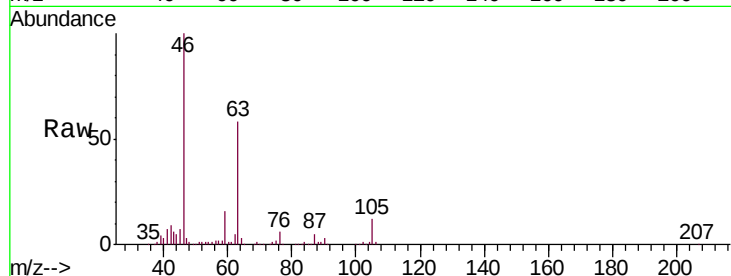




#48
 2-Hexanone
 Concen: 5.718 ug/L
 RT: 8.31 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: VU026885.D
 Acq: 19 Sep 2018 00:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 10431
 Ion Ratio Lower Upper
 43 100
 58 32.3 44.9 67.3#
 57 33.6 15.4 23.2#
 100 0.0 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 4.522 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026885.D
 Acq: 19 Sep 2018 00:09

Tgt Ion: 75 Resp: 10310
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.5 38.3

