

Data File : VU026644.D
Acq On : 10 Sep 2018 12:34
Operator : MD/SY
Sample : J4765-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Sep 11 05:30:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 05:07:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	177031	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163067	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67840	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59842	45.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.72%
7) Chloroethane-d5	1.68	69	53317	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.30%
11) 1,1-Dichloroethene-d2	2.27	63	85839	36.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.72%
21) 2-Butanone-d5	4.18	46	92601	112.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.80%
24) Chloroform-d	4.65	84	111589	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
26) 1,2-Dichloroethane-d4	5.31	65	76801	53.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.98%
32) Benzene-d6	5.34	84	223797	53.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.06%
36) 1,2-Dichloropropane-d6	6.33	67	78631	55.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.04%
41) Toluene-d8	7.57	98	196394	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%
43) trans-1,3-Dichloropropene-	7.85	79	34610	52.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.12%
47) 2-Hexanone-d5	8.31	63	66147	114.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102706	52.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	74038	54.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.50%

Target Compounds

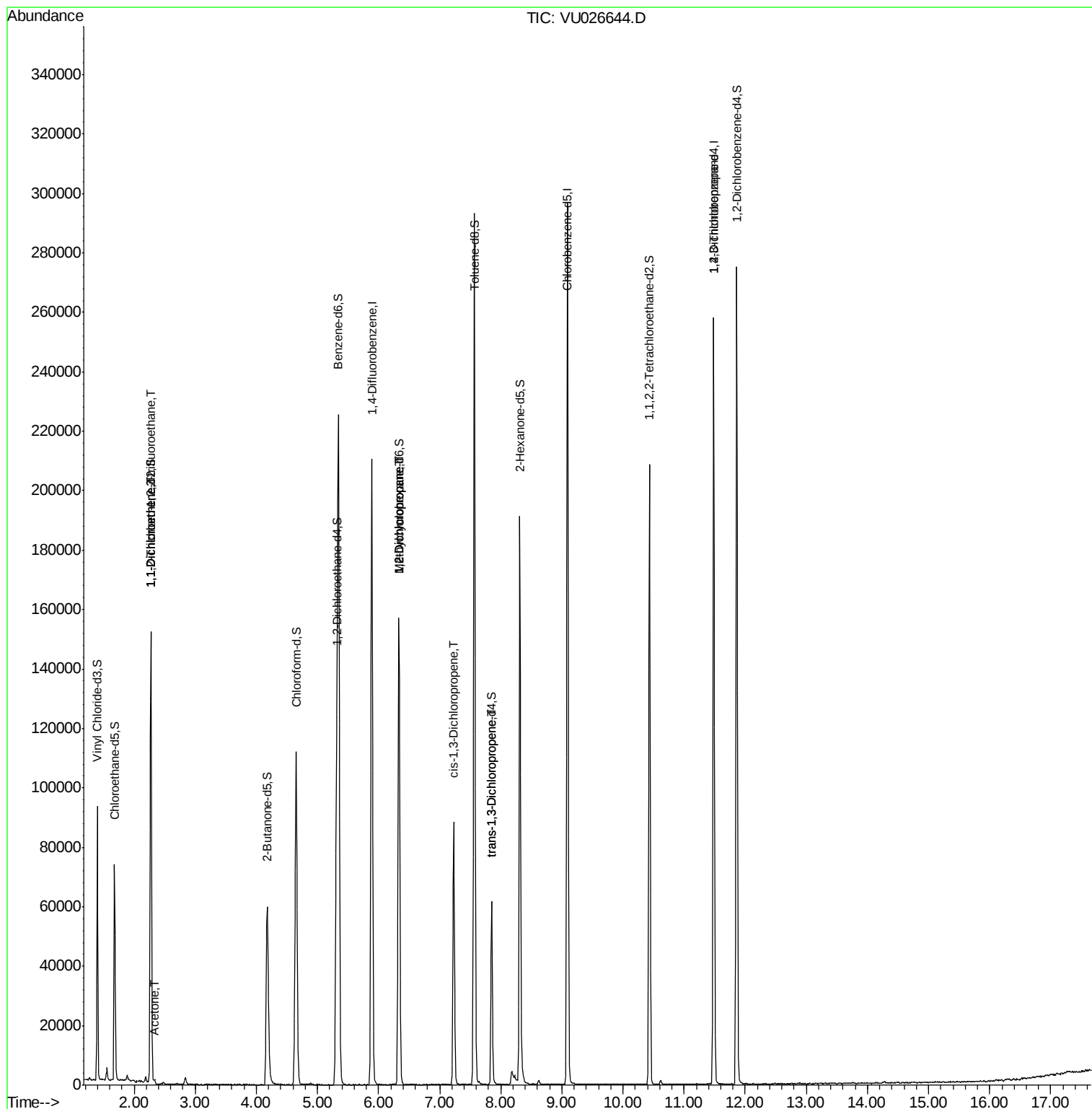
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	738	0.679 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	662	0.634 ug/L #	1
13) Acetone	2.32	43	759	0.812 ug/L	54
35) Methylcyclohexane	6.33	83	16733	9.210 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7988	6.262 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2015	1.067 ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	1491	0.849 ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	7986	5.291 ug/L	90

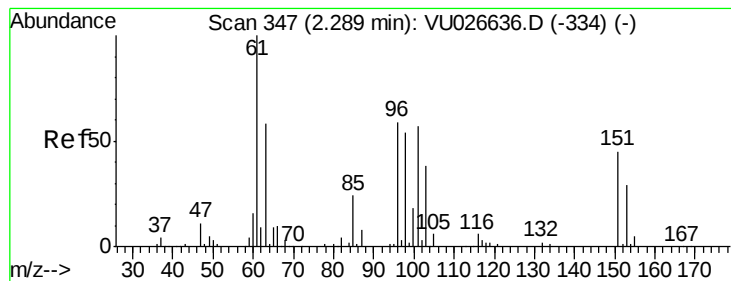
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU026644.D
Acq On : 10 Sep 2018 12:34
Operator : MD/SY
Sample : J4765-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Sep 11 05:30:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 11 05:07:53 2018
Response via : Initial Calibration





#10

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

Concen: 0.679 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026644.D

Acq: 10 Sep 2018 12:34

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

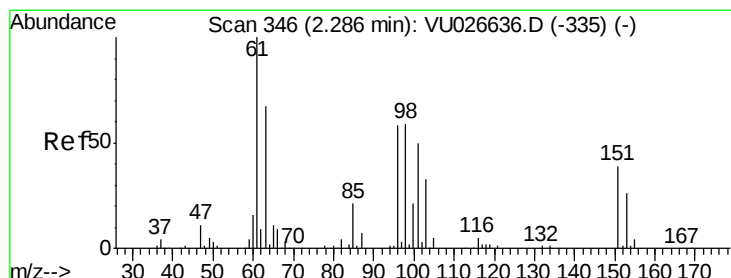
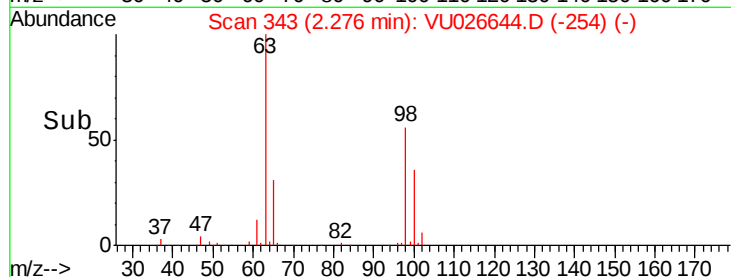
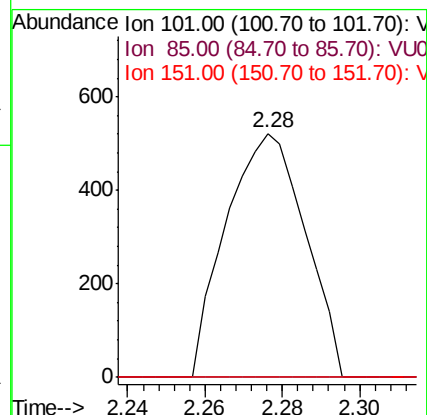
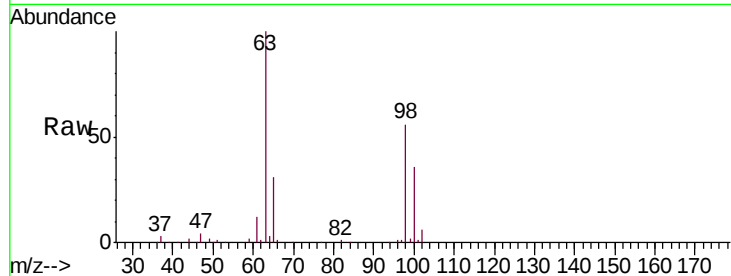
Tgt Ion: 101 Resp: 738

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

151 0.0 62.6 94.0#



#12

1,1-Dichloroethene

Concen: 0.634 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU026644.D

Acq: 10 Sep 2018 12:34

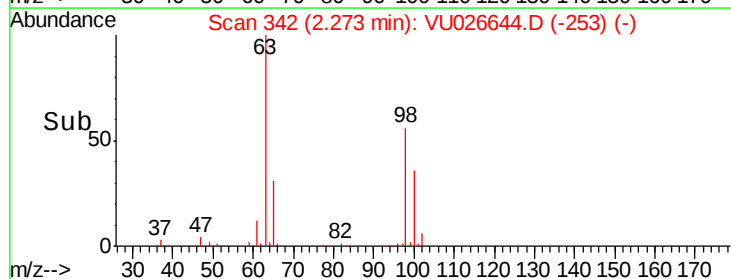
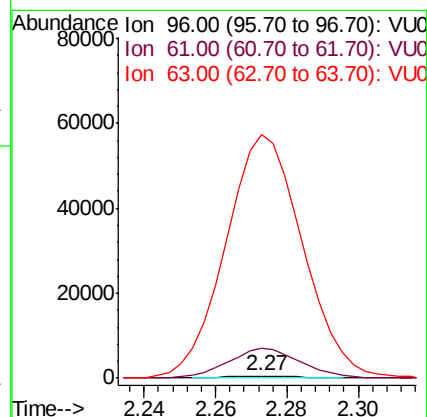
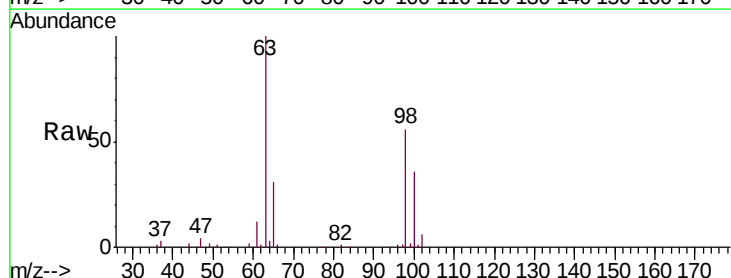
Tgt Ion: 96 Resp: 662

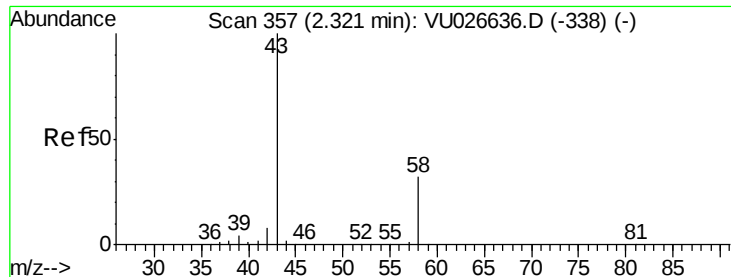
Ion Ratio Lower Upper

96 100

61 1480.3 121.0 224.8#

63 12130.2 89.9 166.9#





#13

Acetone

Concen: 0.812 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026644.D

Acq: 10 Sep 2018 12:34

Instrument :

MSVOA_U

ClientSampleId :

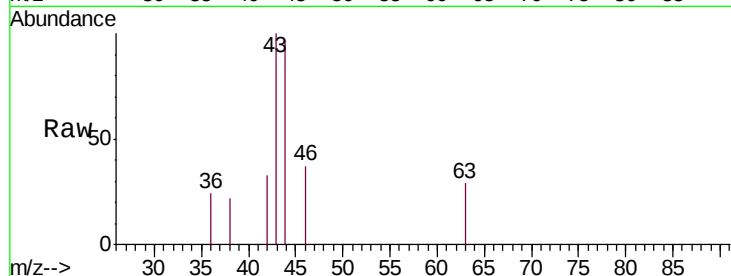
VHBLK02

Tgt Ion: 43 Resp: 759

Ion Ratio Lower Upper

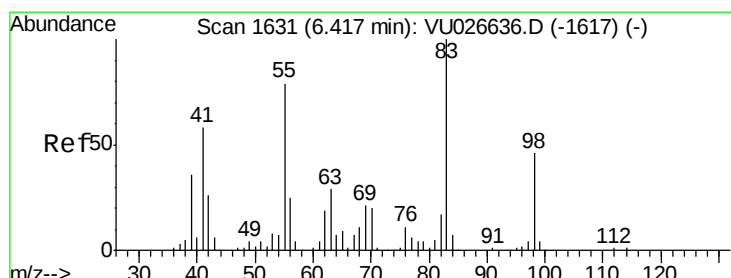
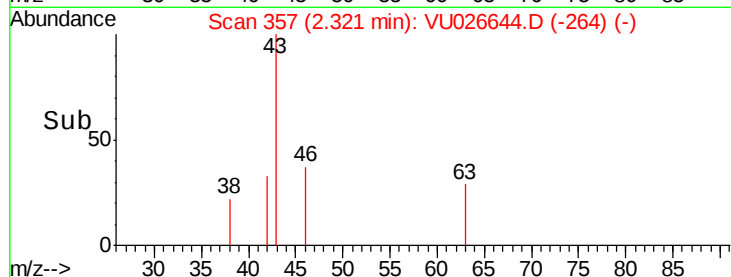
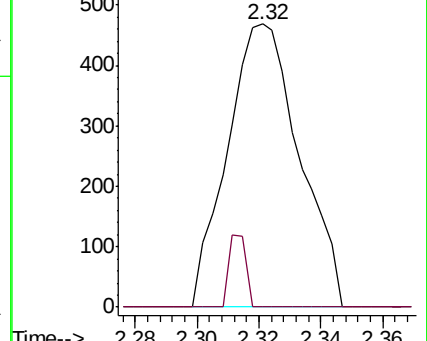
43 100

58 6.1 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 9.210 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU026644.D

Acq: 10 Sep 2018 12:34

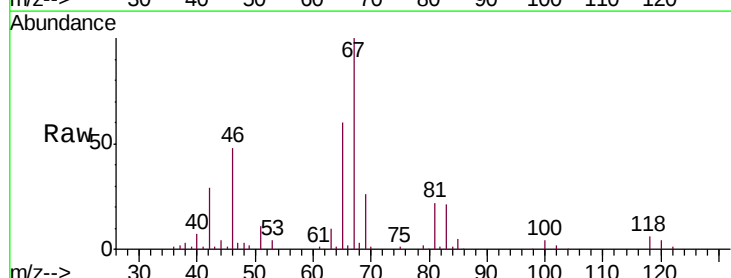
Tgt Ion: 83 Resp: 16733

Ion Ratio Lower Upper

83 100

55 0.0 62.9 94.3#

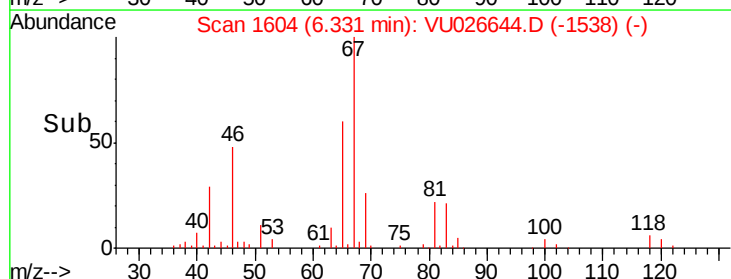
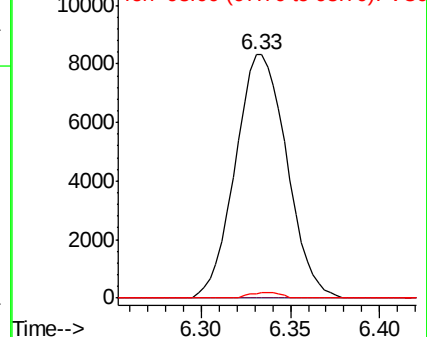
98 1.4 37.0 55.4#

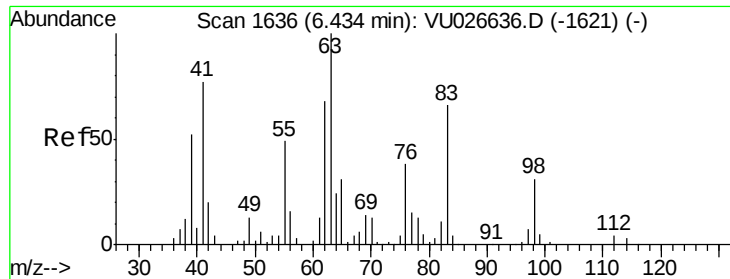


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

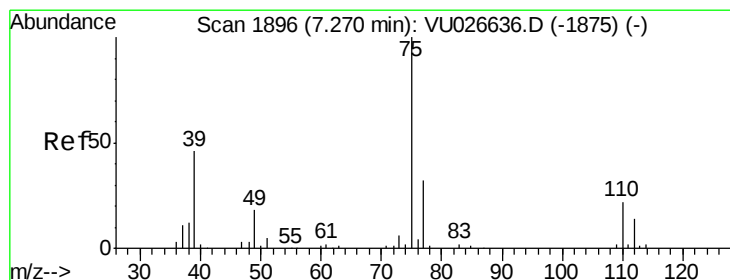
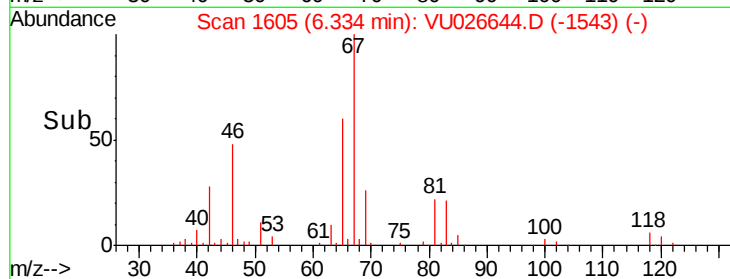
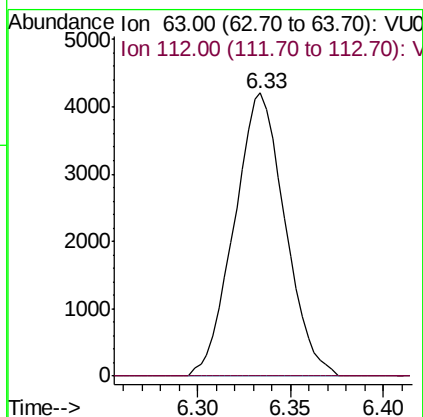
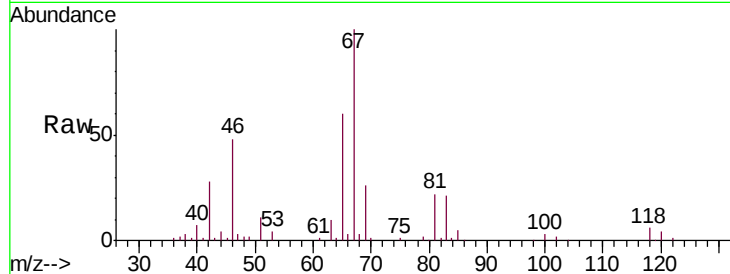




#37
 1,2-Dichloropropane
 Concen: 6.262 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026644.D
 Acq: 10 Sep 2018 12:34

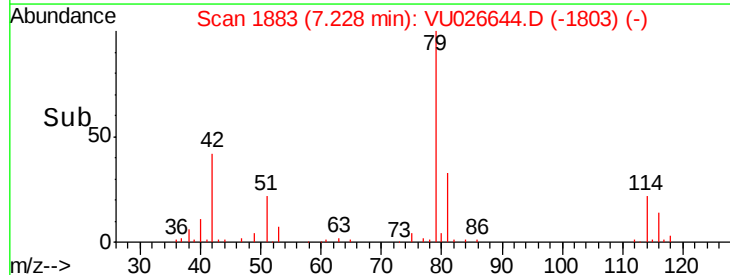
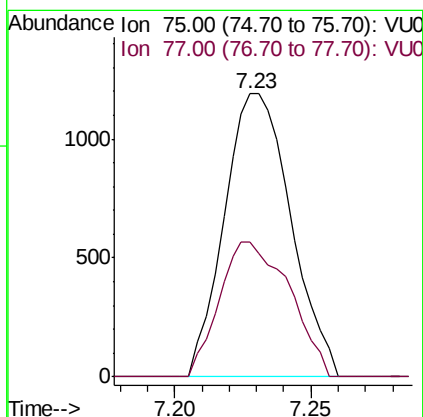
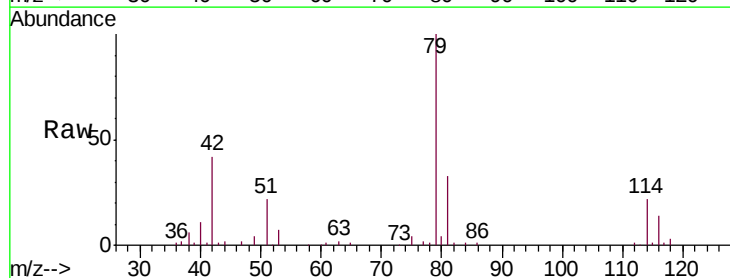
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

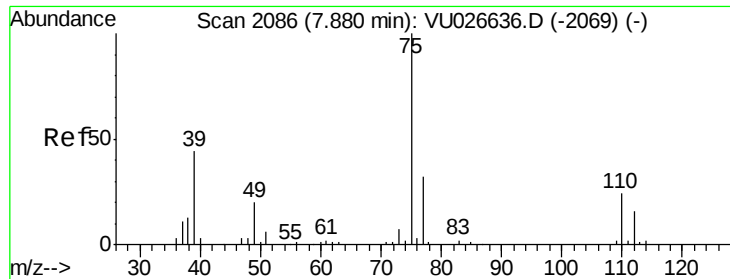
Tgt Ion: 63 Resp: 7988
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.067 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026644.D
 Acq: 10 Sep 2018 12:34

Tgt Ion: 75 Resp: 2015
 Ion Ratio Lower Upper
 75 100
 77 47.7 22.3 41.3#

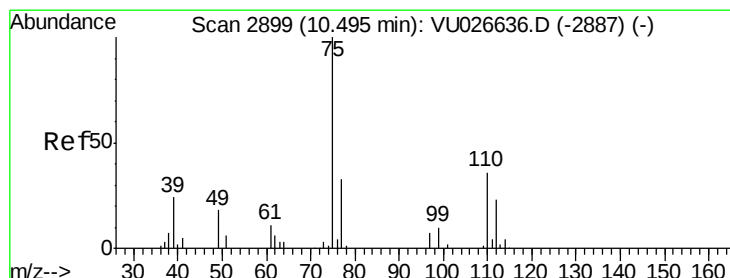
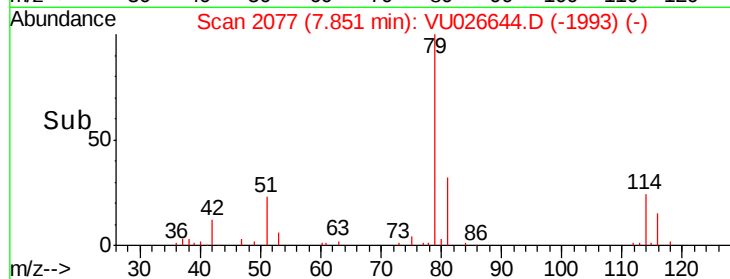
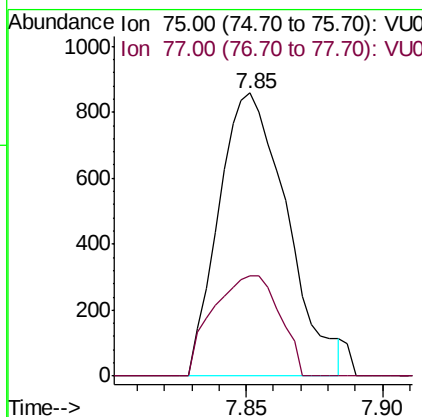
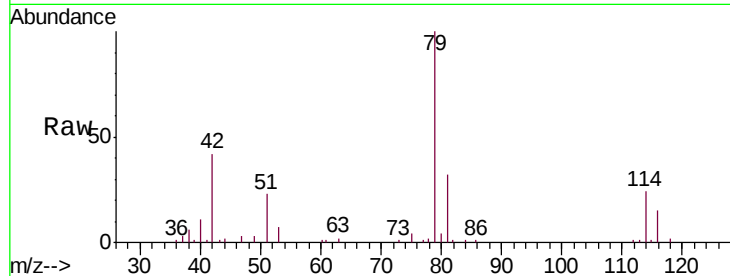




#44
 trans-1,3-Dichloropropene
 Concen: 0.849 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU026644.D
 Acq: 10 Sep 2018 12:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Tgt Ion: 75 Resp: 1491
 Ion Ratio Lower Upper
 75 100
 77 35.5 22.4 41.6



#59
 1,2,3-Trichloropropane
 Concen: 5.291 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026644.D
 Acq: 10 Sep 2018 12:34

Tgt Ion: 75 Resp: 7986
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.8 38.6

