

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU113018\
 Data File : VU028425.D
 Acq On : 30 Nov 2018 15:56
 Operator : MD/SY
 Sample : J6077-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Dec 01 00:48:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 23:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	532880	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	499577	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228815	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	229182	48.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.14%
7) Chloroethane-d5	1.68	69	180261	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.50%
11) 1,1-Dichloroethene-d2	2.27	63	319007	37.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.26%
21) 2-Butanone-d5	4.18	46	386304	98.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.73%
24) Chloroform-d	4.65	84	367556	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
26) 1,2-Dichloroethane-d4	5.31	65	248126	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
32) Benzene-d6	5.34	84	789864	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.56%
36) 1,2-Dichloropropane-d6	6.33	67	281086	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.18%
41) Toluene-d8	7.57	98	697053	49.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.92%
43) trans-1,3-Dichloropropene-	7.85	79	121866	48.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.20%
47) 2-Hexanone-d5	8.31	63	270226	99.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	345714	48.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	240358	52.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.46%

Target Compounds

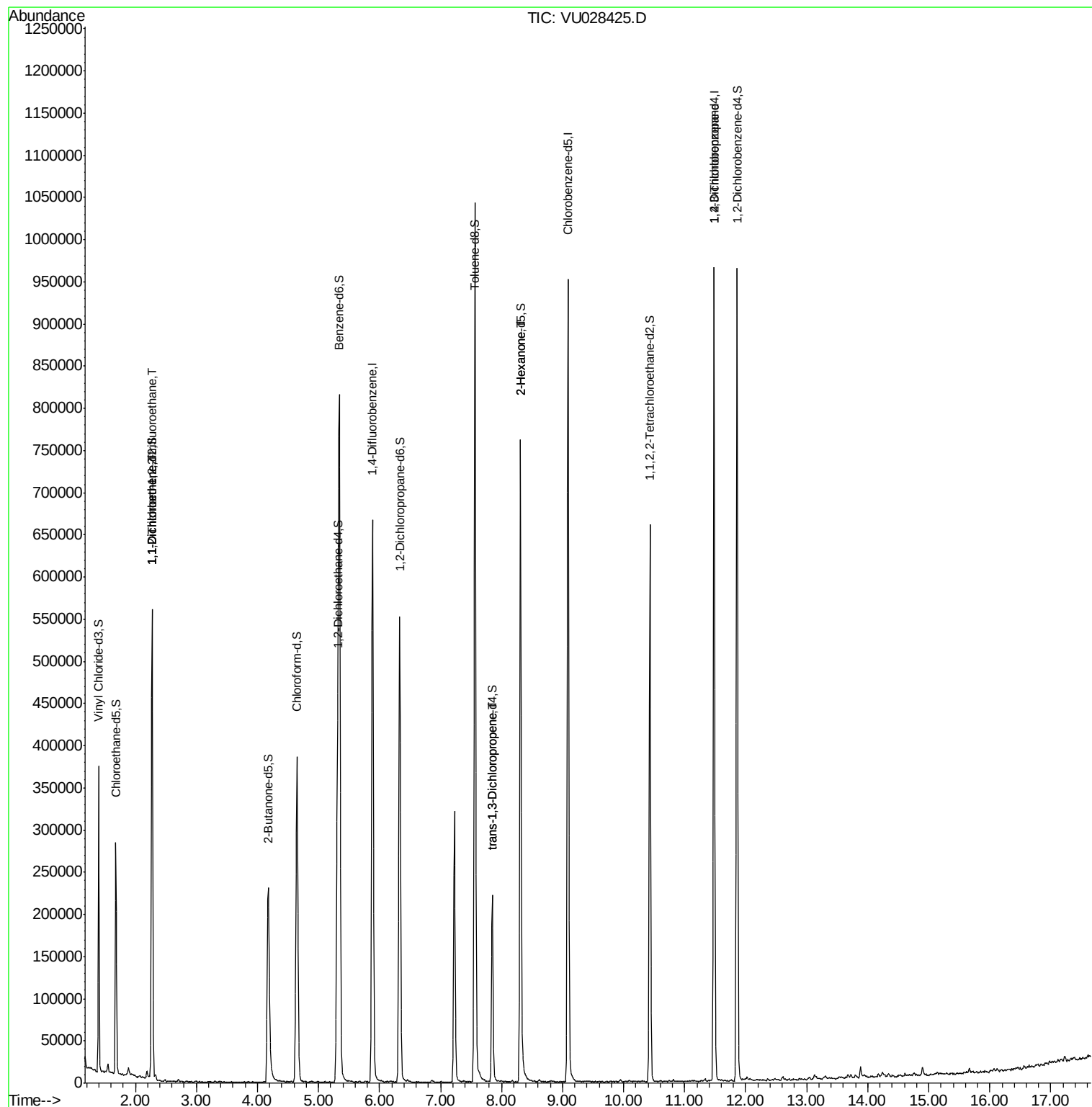
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2452	0.704 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2337	0.695 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	5197	0.785 ug/L #	77
48) 2-Hexanone	8.31	43	31786	4.702 ug/L #	66
59) 1,2,3-Trichloropropane	11.48	75	32102	5.558 ug/L	92

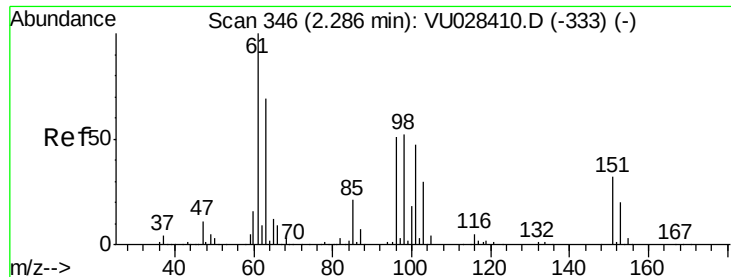
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.704 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

VHBLK02

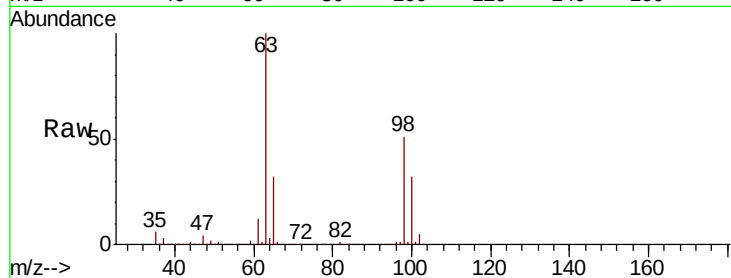
Tgt Ion: 101 Resp: 2452

Ion Ratio Lower Upper

101 100

85 0.0 36.5 54.7#

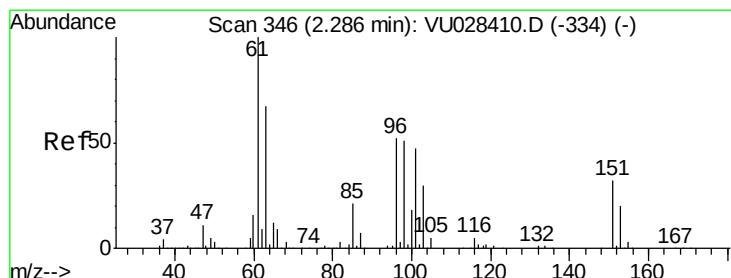
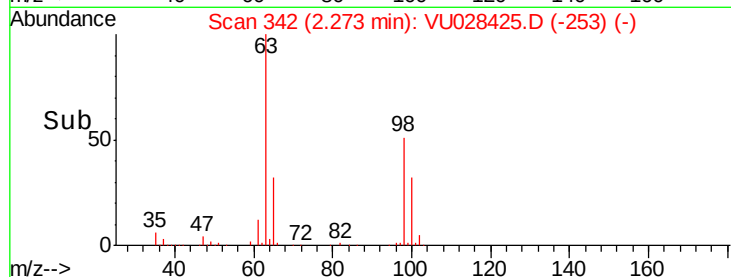
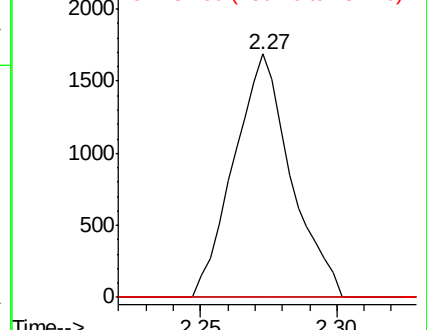
151 0.0 55.0 82.6#



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: 0.695 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028425.D

Acq: 30 Nov 2018 15:56

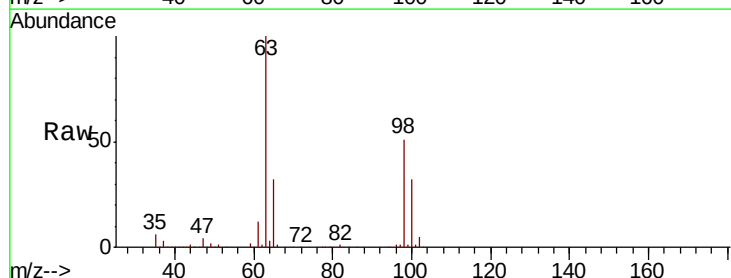
Tgt Ion: 96 Resp: 2337

Ion Ratio Lower Upper

96 100

61 1465.1 136.2 252.9#

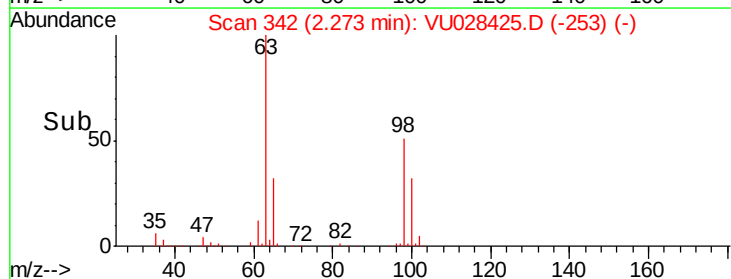
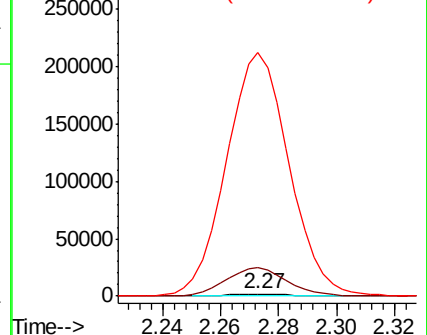
63 12704.3 95.5 177.4#

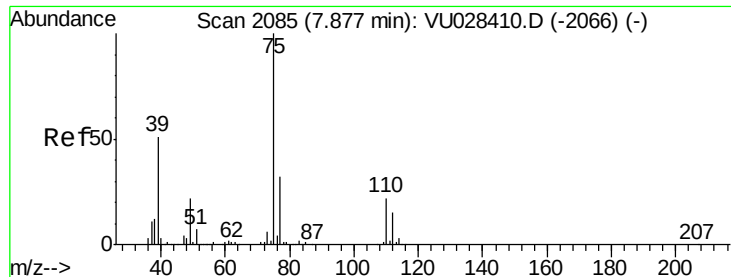


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.785 ug/L

RT: 7.85 min Scan# 2075

Delta R.T. -0.03 min

Lab File: VU028425.D

Acq: 30 Nov 2018 15:56

Instrument :

MSVOA_U

ClientSampled :

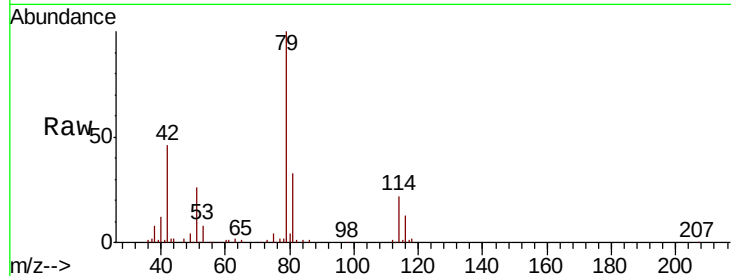
VHBLK02

Tgt Ion: 75 Resp: 5197

Ion Ratio Lower Upper

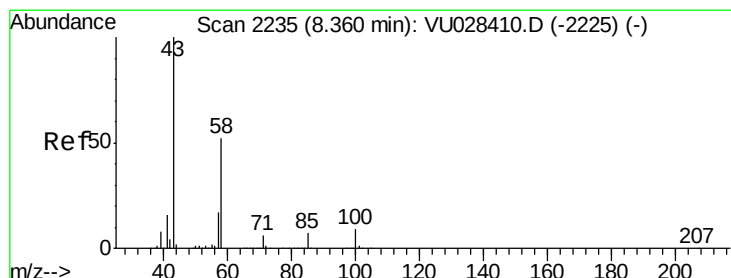
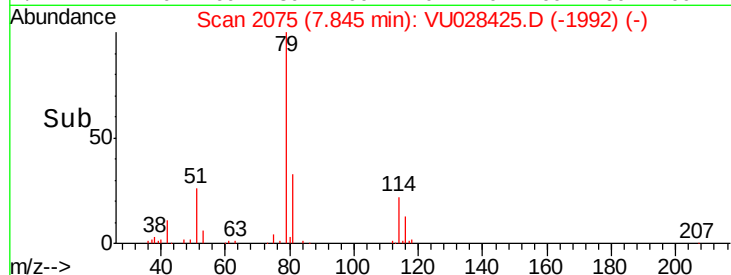
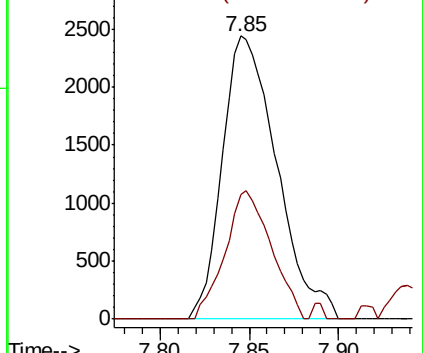
75 100

77 44.2 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#48

2-Hexanone

Concen: 4.702 ug/L

RT: 8.31 min Scan# 2219

Delta R.T. -0.05 min

Lab File: VU028425.D

Acq: 30 Nov 2018 15:56

Tgt Ion: 43 Resp: 31786

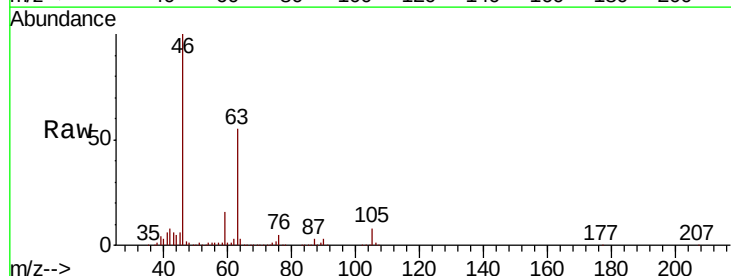
Ion Ratio Lower Upper

43 100

58 20.5 41.4 62.0#

57 21.3 14.0 21.0#

100 0.0 7.0 10.6#

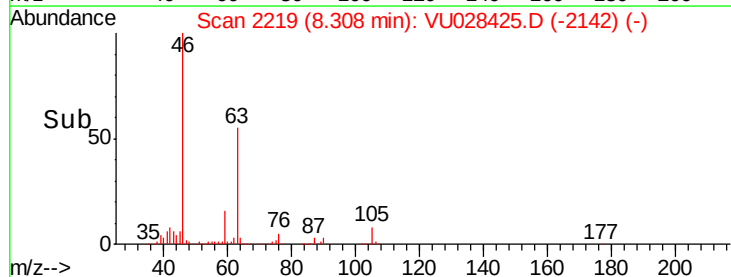
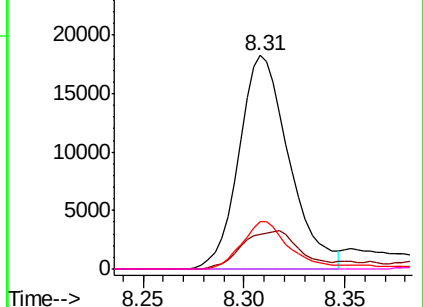


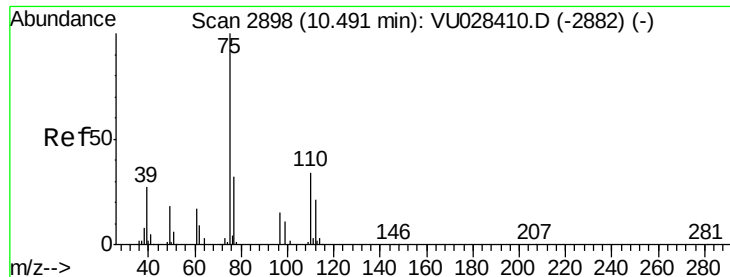
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.558 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028425.D

Acq: 30 Nov 2018 15:56

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 32102

Ion Ratio Lower Upper

75 100

77 36.3 25.6 38.4

