

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026384.D
 Acq On : 25 Aug 2018 20:17
 Operator : MD/SY
 Sample : J4644-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ET0N0

Quant Time: Aug 27 04:03:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 04:25:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	315603	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	311553	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	146794	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92645	48.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.26%
7) Chloroethane-d5	1.68	69	76531	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.50%
11) 1,1-Dichloroethene-d2	2.27	63	141358	37.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.72%
21) 2-Butanone-d5	4.18	46	142157	92.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.53%
24) Chloroform-d	4.65	84	200807	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.31	65	129877	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
32) Benzene-d6	5.35	84	391624	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
36) 1,2-Dichloropropane-d6	6.33	67	126963	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.88%
41) Toluene-d8	7.57	98	353166	44.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.66%
43) trans-1,3-Dichloropropene-	7.85	79	59305	42.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.78%
47) 2-Hexanone-d5	8.31	63	104273	91.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.17%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	176161	44.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	153365	49.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.48%

Target Compounds

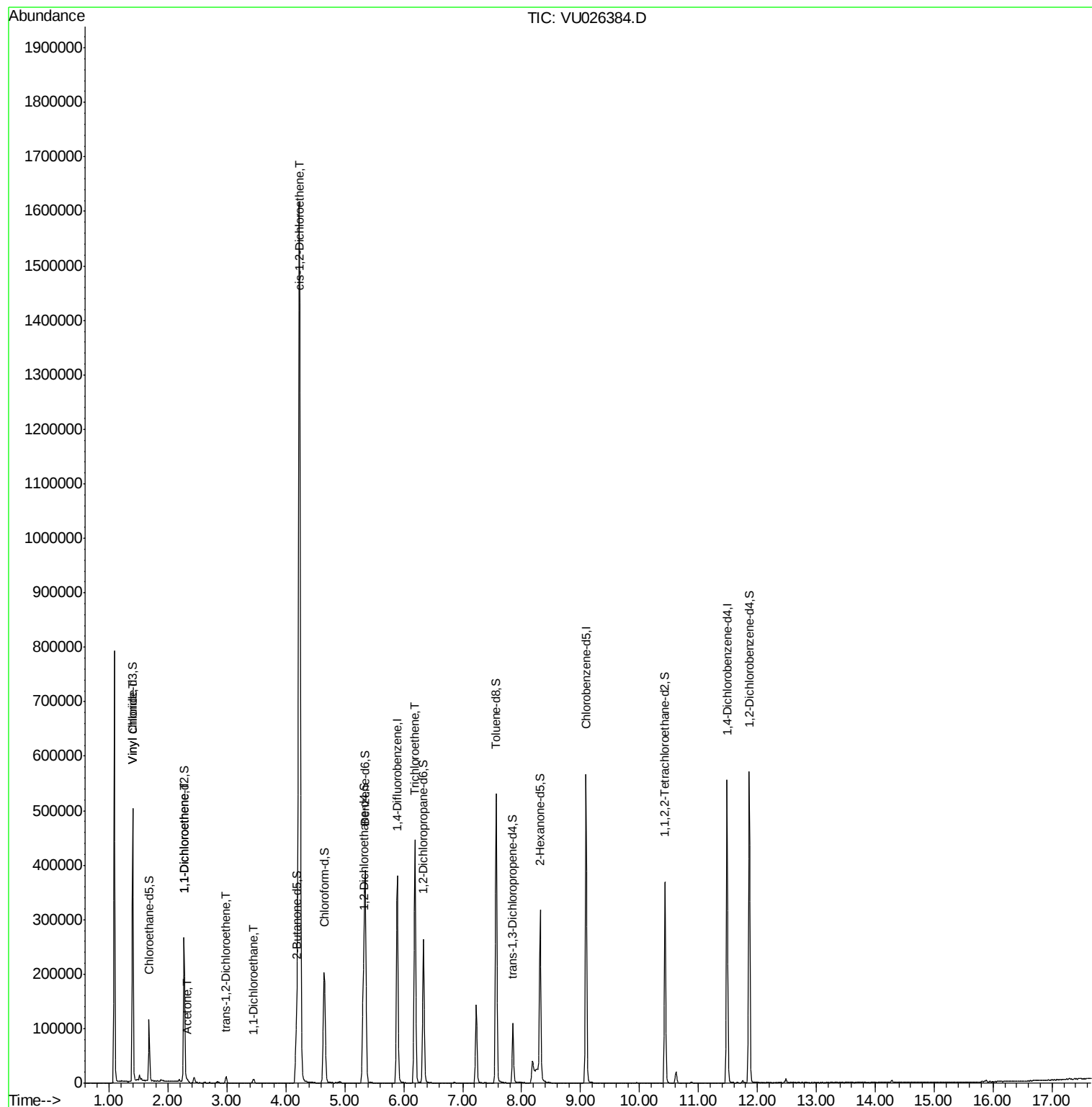
						Ovalue
5) Vinyl chloride	1.40	62	233149	101.28	ug/L	95
12) 1,1-Dichloroethene	2.28	96	9840	5.92	ug/L	# 1
13) Acetone	2.32	43	4911	4.13	ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	4163	2.03	ug/L	94
19) 1,1-Dichloroethane	3.45	63	7918	2.12	ug/L	94
20) cis-1,2-Dichloroethene	4.23	96	918625	406.47	ug/L	98
34) Trichloroethene	6.19	95	149358	66.50	ug/L	98

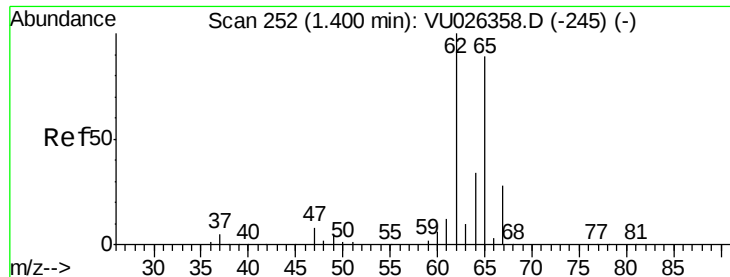
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 25 04:25:01 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 101.28 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU026384.D

Acq: 25 Aug 2018 20:17

Instrument :

MSVOA_U

ClientSampled :

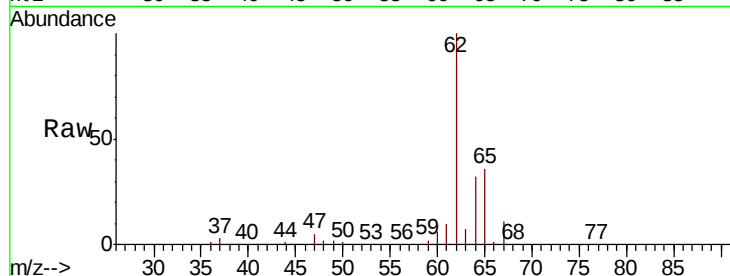
ETON0

Tot Ion: 62 Resp: 233149

Ion Ratio Lower Upper

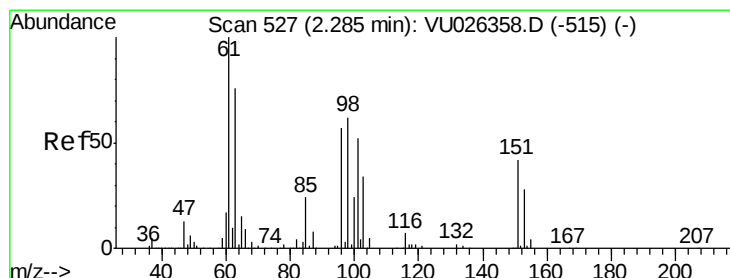
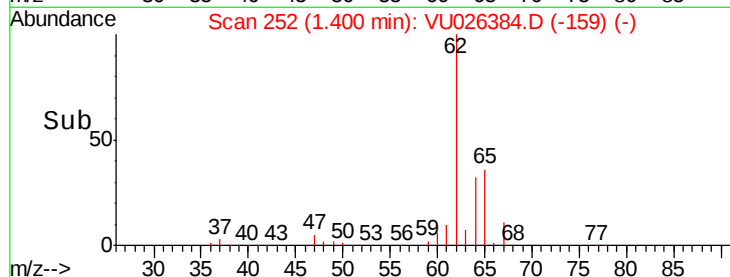
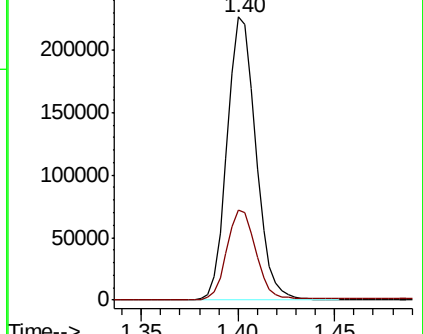
62 100

64 31.7 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#12

1,1-Dichloroethene

Concen: 5.92 ug/L

RT: 2.28 min Scan# 526

Delta R.T. -0.00 min

Lab File: VU026384.D

Acq: 25 Aug 2018 20:17

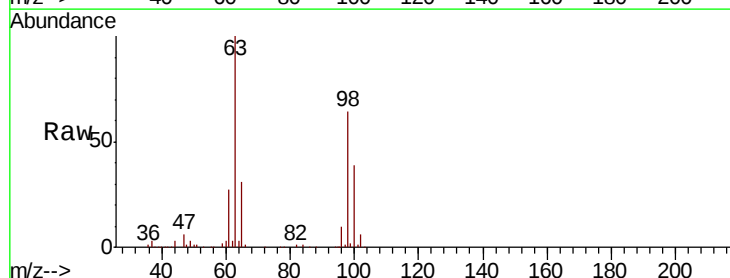
Tgt Ion: 96 Resp: 9840

Ion Ratio Lower Upper

96 100

61 266.5 124.7 231.5#

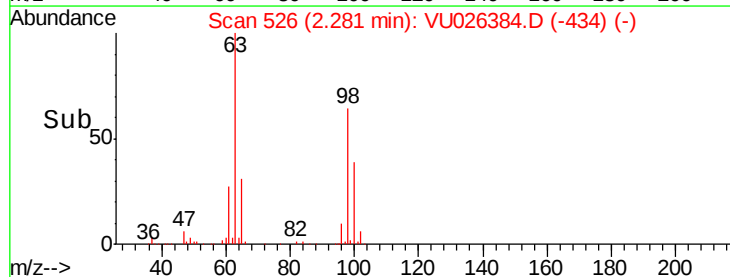
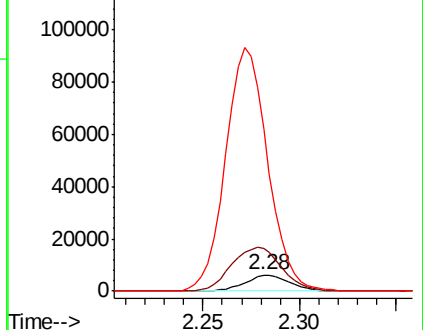
63 993.5 93.7 174.1#

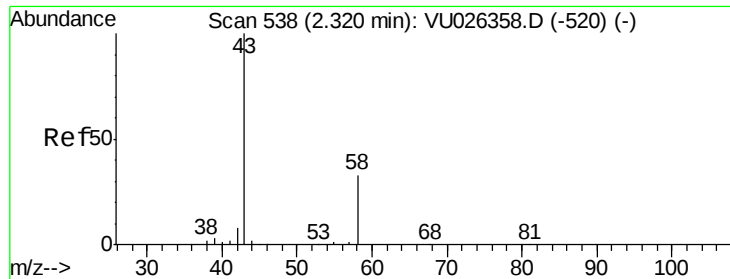


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 4.13 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU026384.D

Acq: 25 Aug 2018 20:17

Instrument :

MSVOA_U

ClientSampleId :

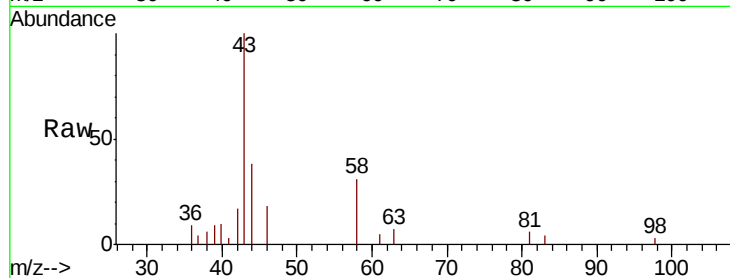
ETON0

Tot Ion: 43 Resp: 4911

Ion Ratio Lower Upper

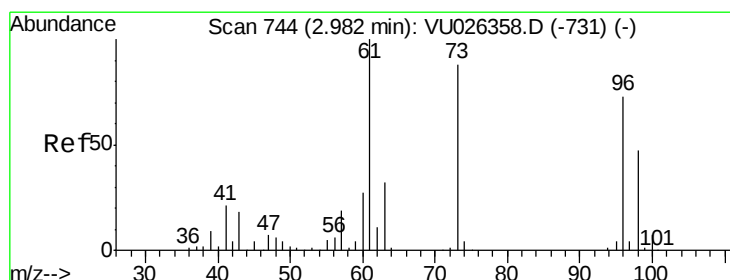
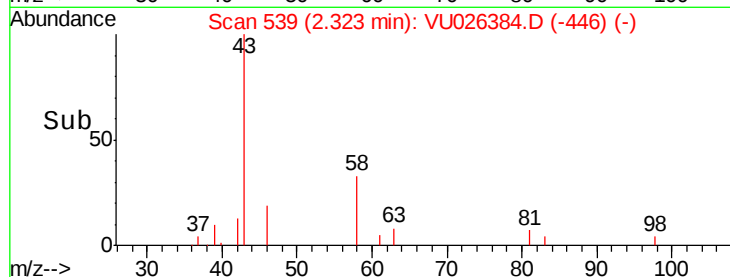
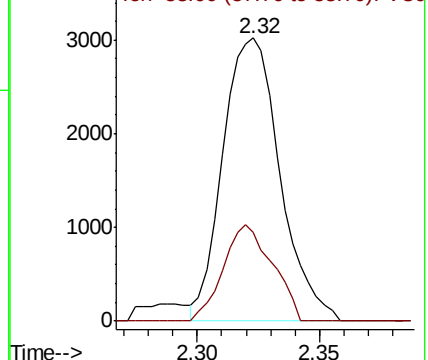
43 100

58 29.4 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 2.03 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU026384.D

Acq: 25 Aug 2018 20:17

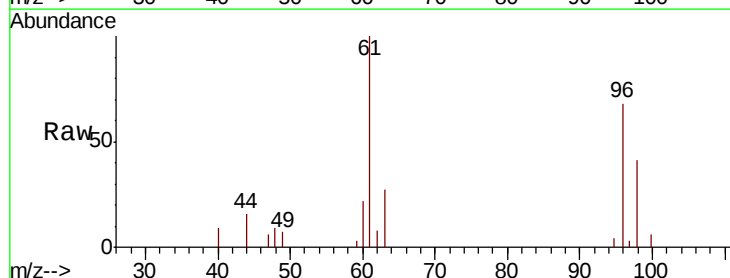
Tgt Ion: 96 Resp: 4163

Ion Ratio Lower Upper

96 100

61 147.8 97.9 181.9

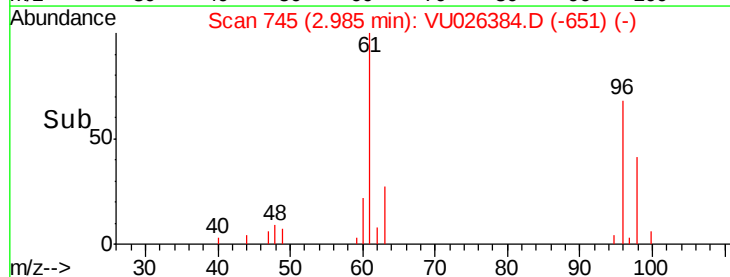
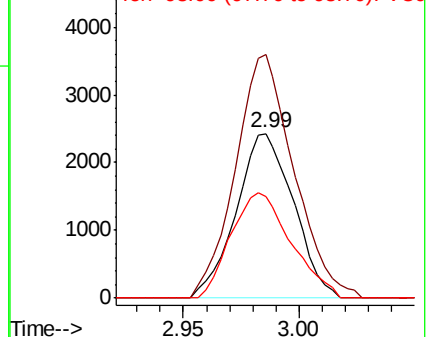
98 61.3 45.1 83.7

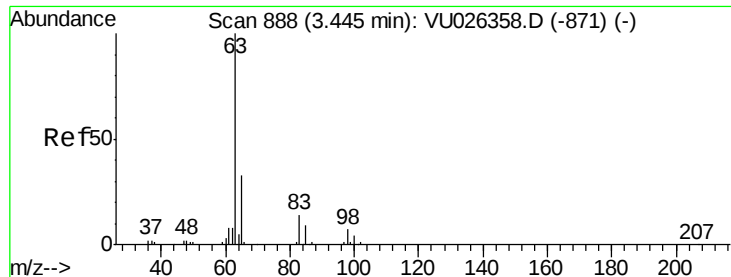


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

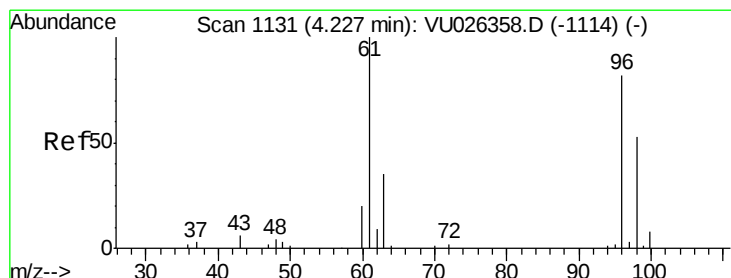
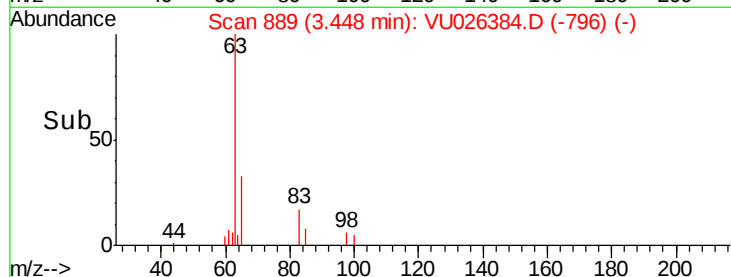
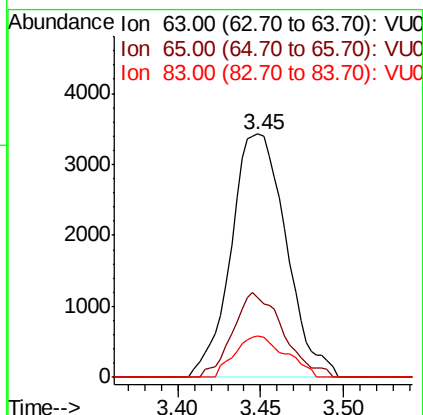
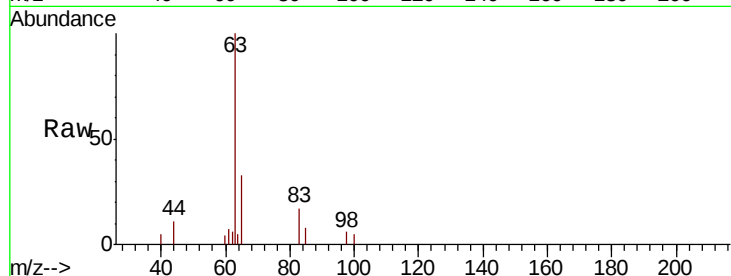




#19
 1,1-Dichloroethane
 Concen: 2.12 ug/L
 RT: 3.45 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: VU026384.D
 Acq: 25 Aug 2018 20:17

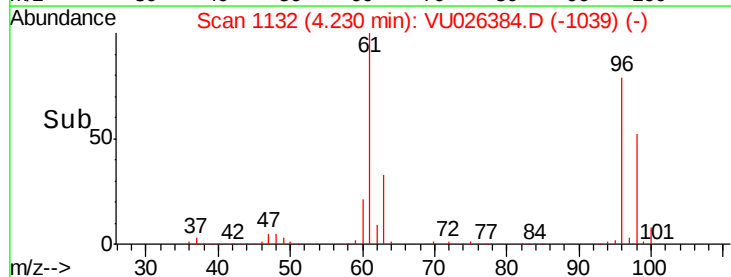
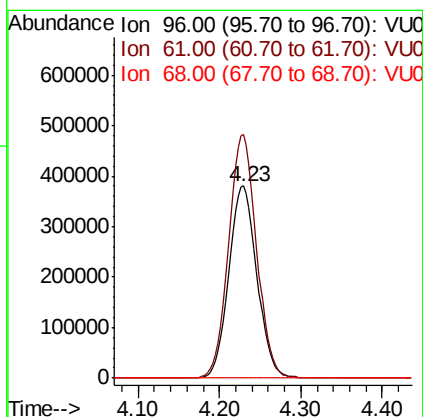
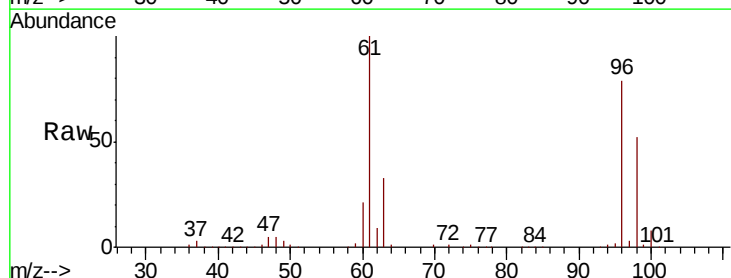
Instrument :
 MSVOA_U
 ClientSampleId :
 ET0N0

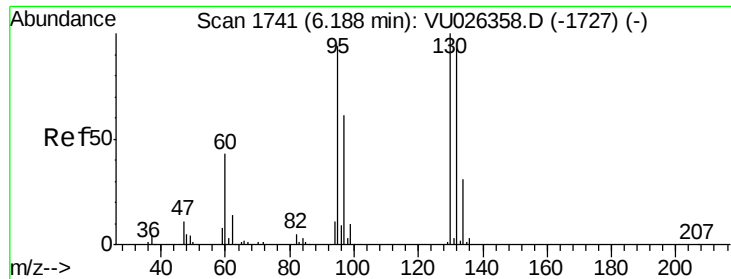
Tot Ion: 63 Resp: 7918
 Ion Ratio Lower Upper
 63 100
 65 32.8 21.4 39.8
 83 17.1 9.2 17.2



#20
 cis-1,2-Dichloroethene
 Concen: 406.47 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU026384.D
 Acq: 25 Aug 2018 20:17

Tgt Ion: 96 Resp: 918625
 Ion Ratio Lower Upper
 96 100
 61 126.9 90.3 167.7
 68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 66.50 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU026384.D
 Acq: 25 Aug 2018 20:17

Instrument :
 MSVOA_U
 ClientSampleId :
 ET0N0

Tot Ion:	95	Resp:	149358
Ion	Ratio	Lower	Upper
95	100		
97	67.2	47.2	87.6
132	103.4	70.2	130.4
130	107.3	73.4	136.4

