

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 01:33:49 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

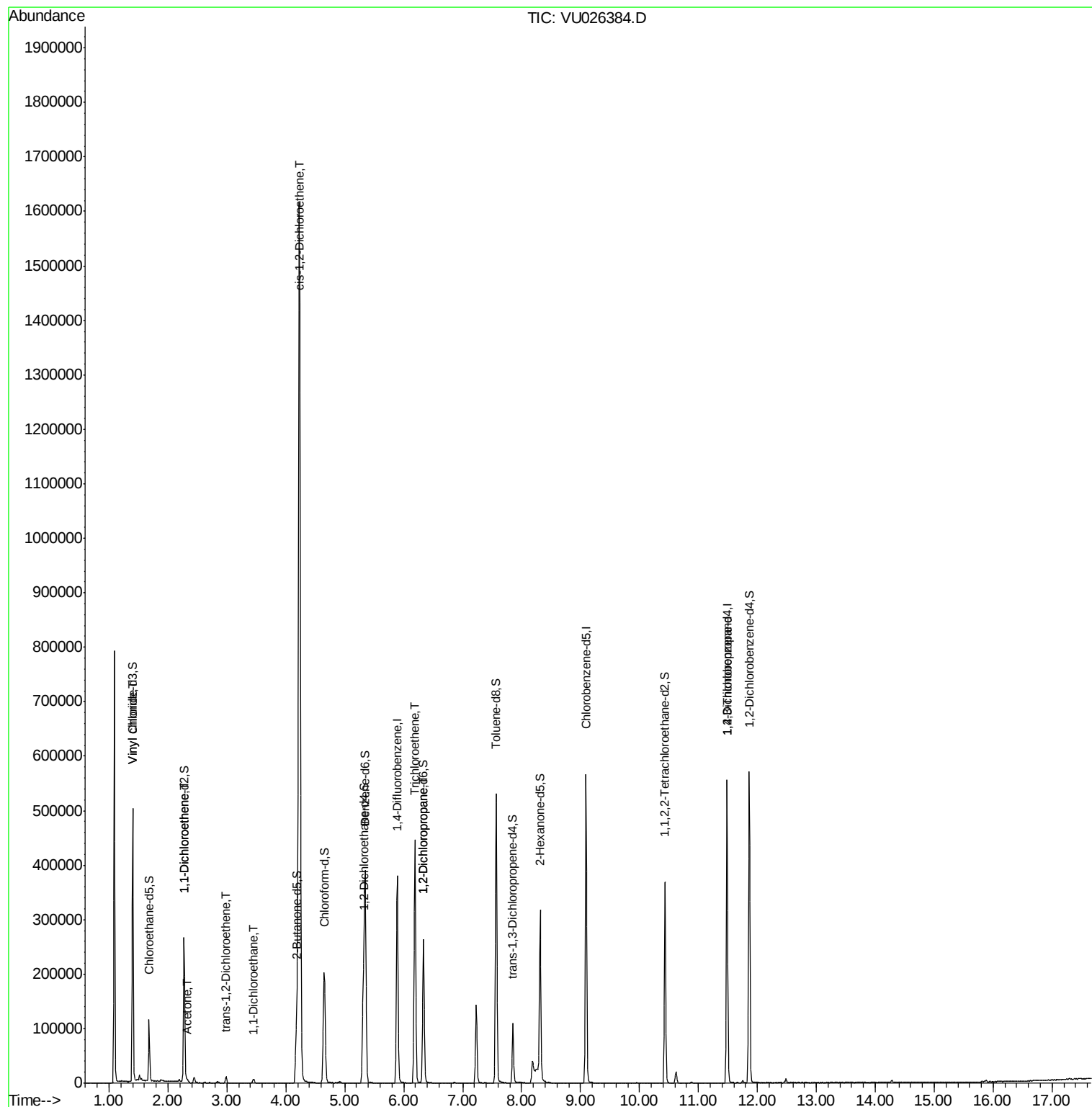
						Ovalue
5) Vinyl chloride	1.40	62	233149	101.28	ug/L	95
12) 1,1-Dichloroethene	2.28	96	9840	5.92	ug/L #	1
13) Acetone	2.32	43	4911	4.13	ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	4163	2.03	ug/L	94
19) 1,1-Dichloroethane	3.45	63	7918	2.12	ug/L	94
20) cis-1,2-Dichloroethene	4.23	96	918625	406.47	ug/L	98
34) Trichloroethene	6.19	95	149358	66.50	ug/L	98
37) 1,2-Dichloropropane	6.33	63	13820	5.95	ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	16344	5.65	ug/L #	82

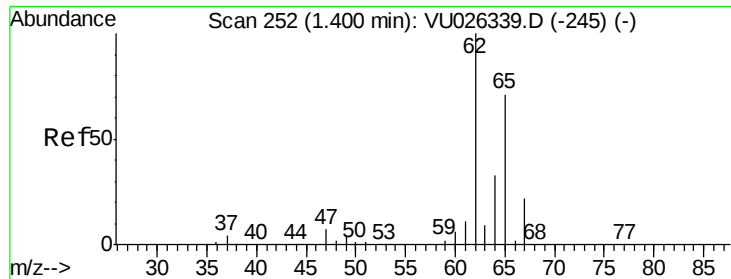
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

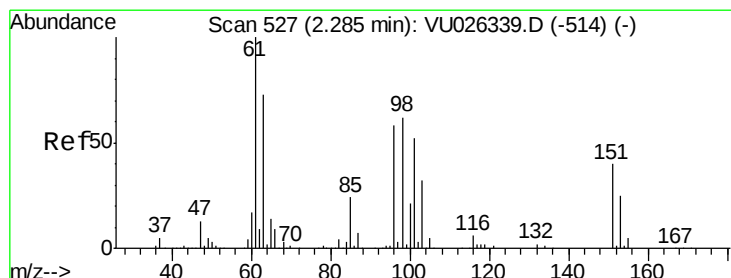
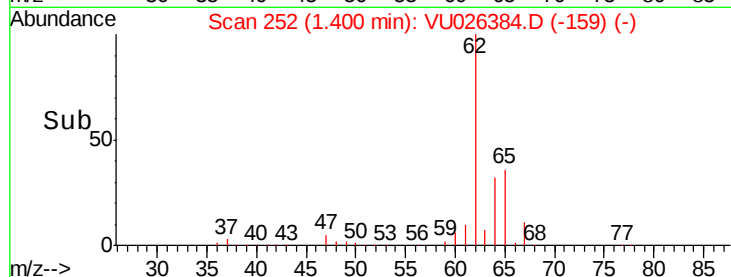
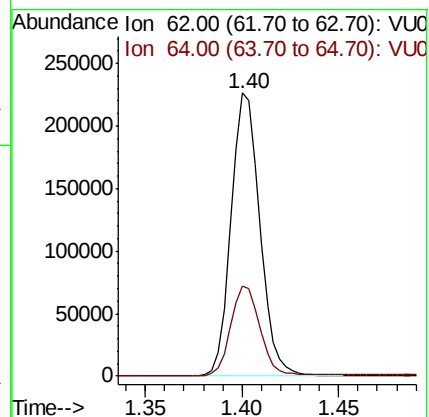
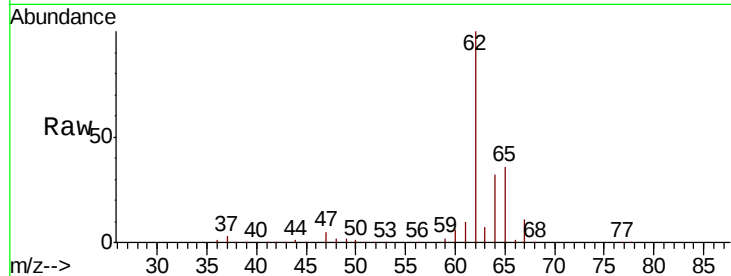
ETON0

Tot Ion: 62 Resp: 233149

Ion Ratio Lower Upper

62 100

64 31.7 24.2 45.0



#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

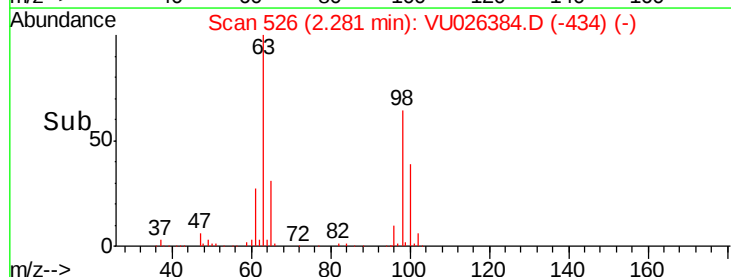
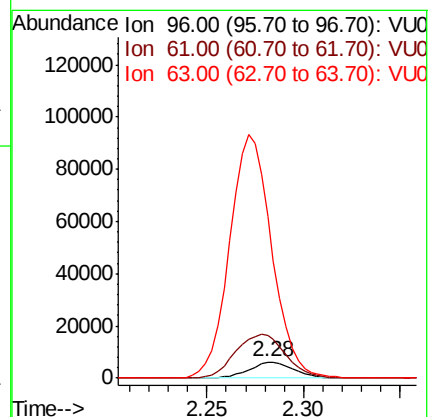
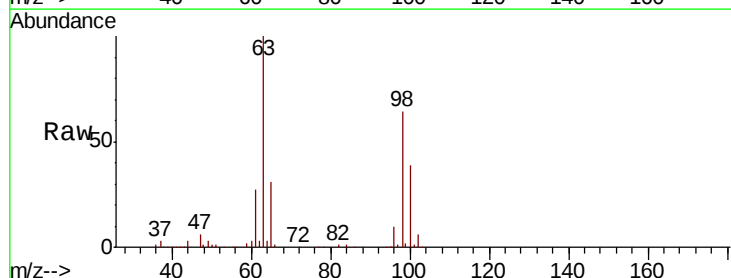
Tgt Ion: 96 Resp: 9840

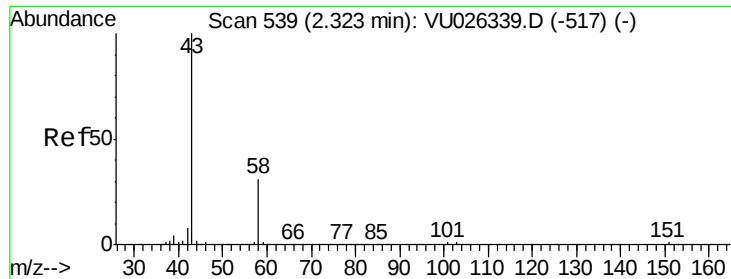
Ion Ratio Lower Upper

96 100

61 266.5 124.7 231.5#

63 993.5 93.7 174.1#





#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 :

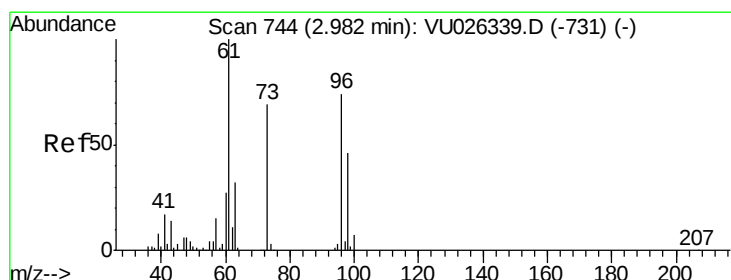
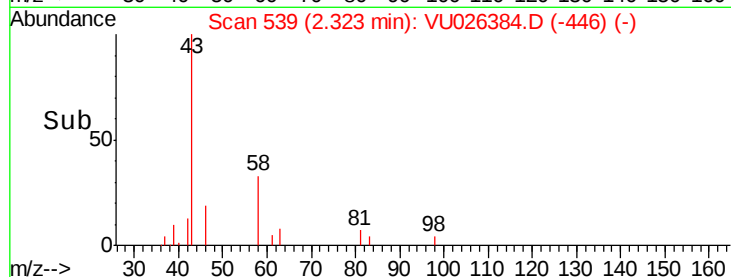
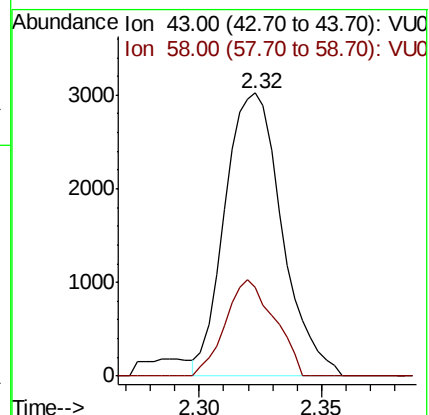
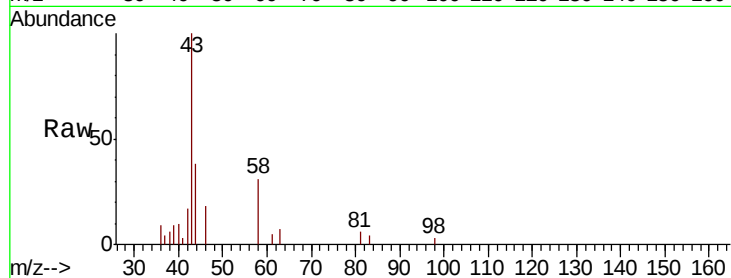
ETON0

Tot Ion: 43 Resp: 4911

Ion Ratio Lower Upper

43 100

58 29.4 0.0 61.2



#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

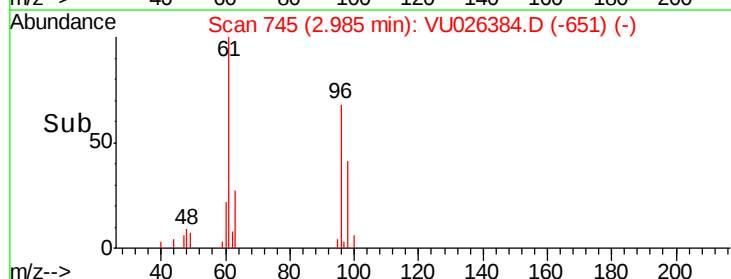
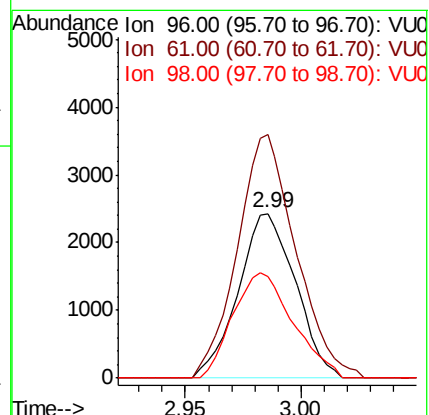
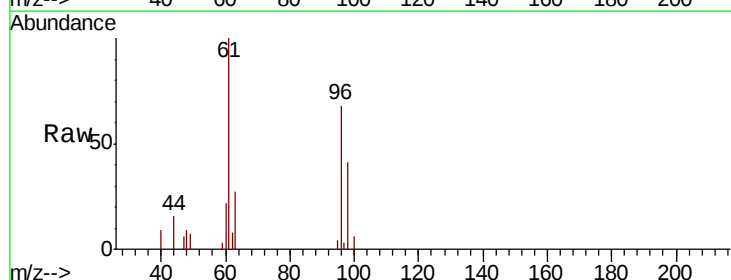
Tgt Ion: 96 Resp: 4163

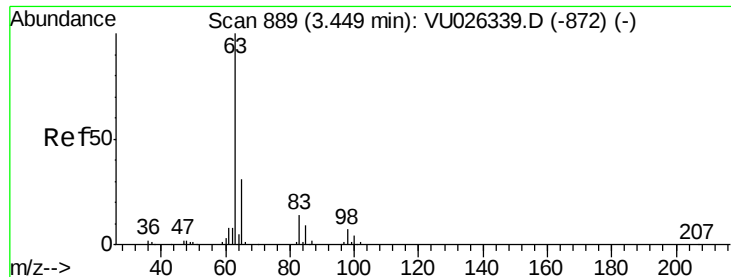
Ion Ratio Lower Upper

96 100

61 147.8 97.9 181.9

98 61.3 45.1 83.7





#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 :

ETON0

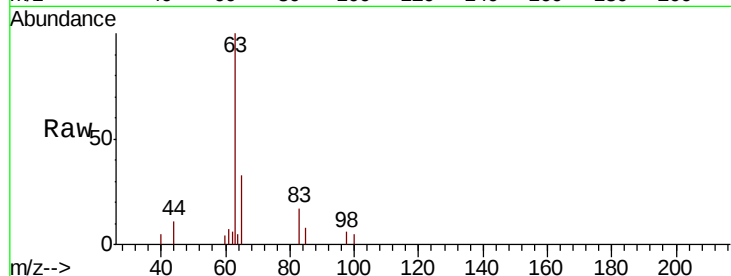
Tot Ion: 63 Resp: 7918

Ion Ratio Lower Upper

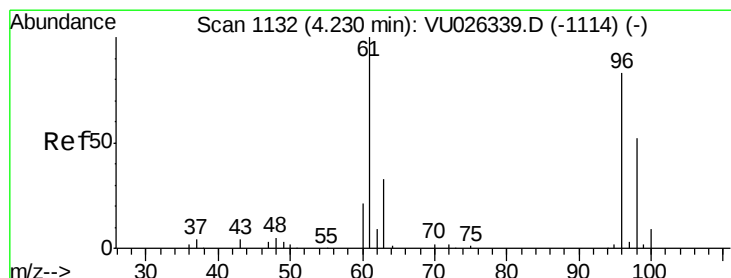
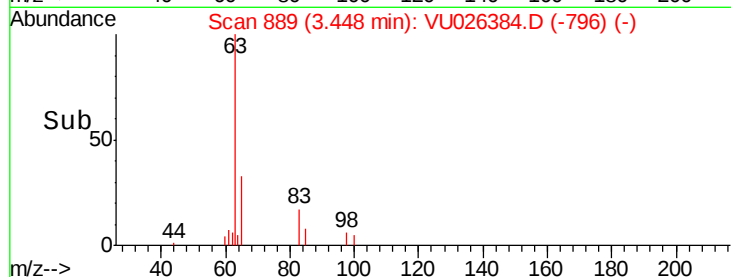
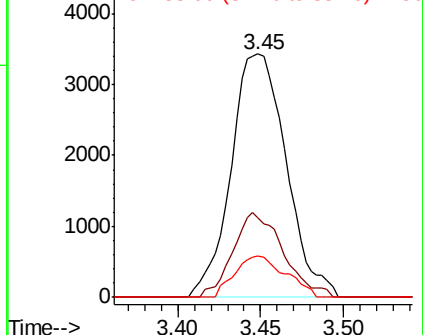
63 100

65 32.8 21.4 39.8

83 17.1 9.2 17.2



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 65.00 (64.70 to 65.70): VU0
Ion 83.00 (82.70 to 83.70): VU0



#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

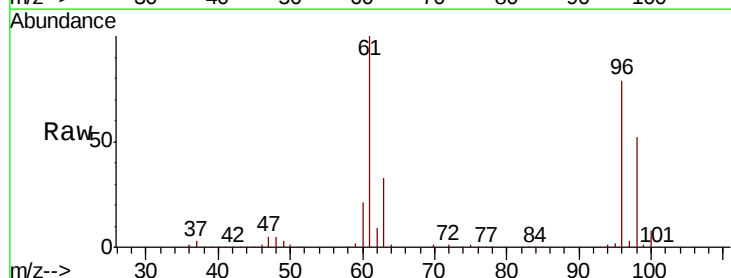
Tgt Ion: 96 Resp: 918625

Ion Ratio Lower Upper

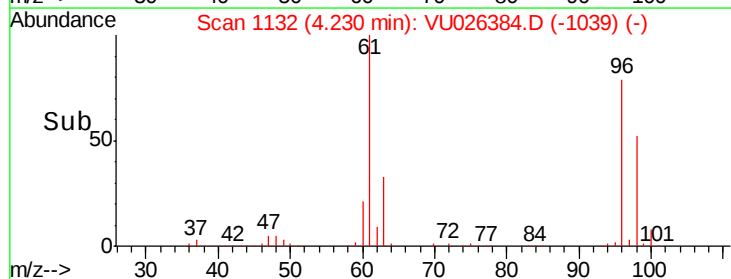
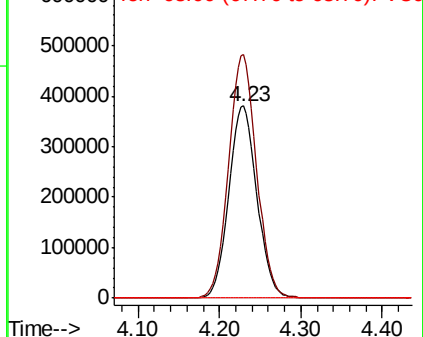
96 100

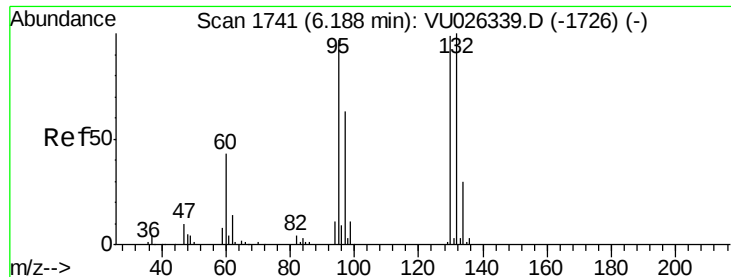
61 126.9 90.3 167.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0

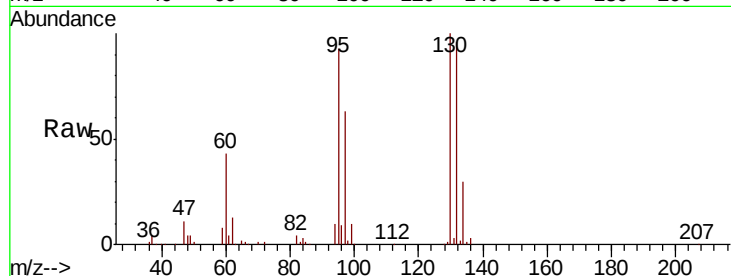




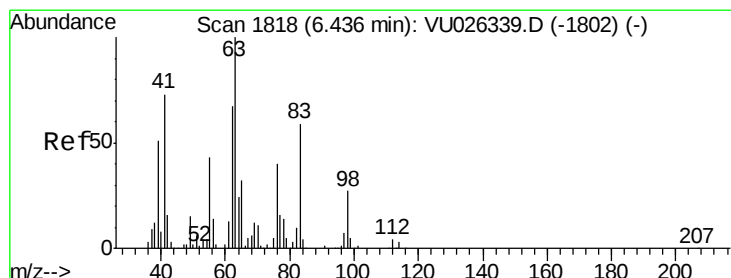
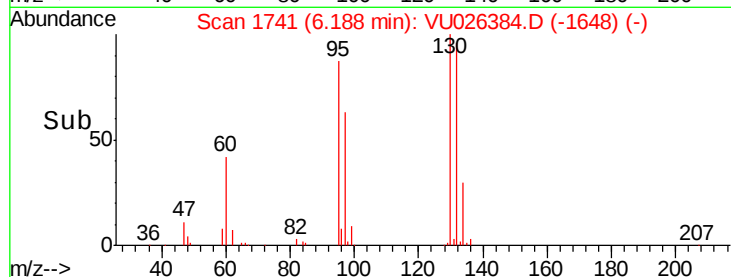
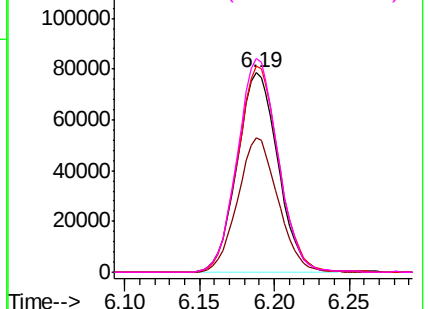
#34
 Trichloroethene
 Concen: 66.50 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU026384.D
 Acq: 25 Aug 2018 20:17

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

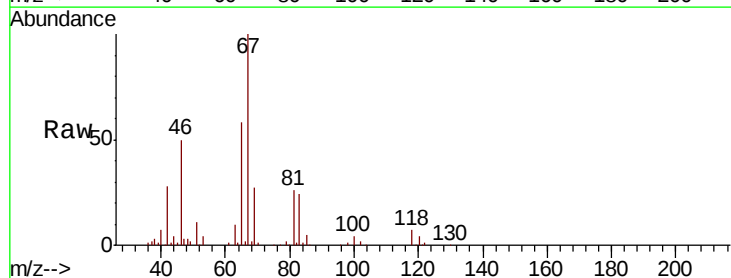


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

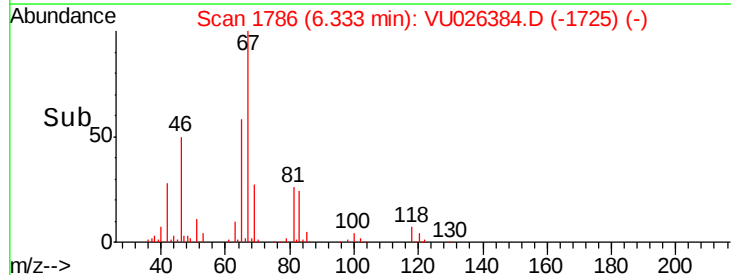
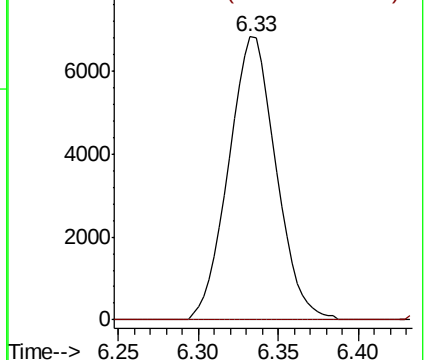


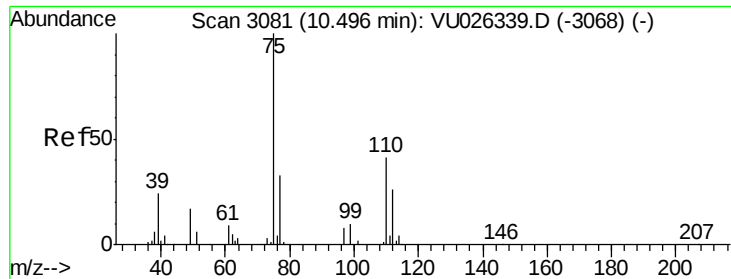
#37
 1,2-Dichloropropane
 Concen: 5.95 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026384.D
 Acq: 25 Aug 2018 20:17

Tgt Ion:	63	Resp:	13820
Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.4	5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 5.65 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026384.D

Acq: 25 Aug 2018 20:17

Instrument :

MSVOA_U

ClientSampleId :

ETON0

Tot Ion: 75 Resp: 16344

Ion Ratio Lower Upper

75 100

77 42.1 25.5 38.3#

