

Data File : VU027836.D
Acq On : 26 Oct 2018 16:15
Operator : MD/SY
Sample : J5668-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBS0

Quant Time: Oct 27 01:47:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 01:41:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	124908	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	115148	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52425	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	30132	31.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.00%
7) Chloroethane-d5	1.68	69	26741	35.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.48%
11) 1,1-Dichloroethene-d2	2.28	63	47100	26.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.82%#
21) 2-Butanone-d5	4.18	46	76703	92.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.61%
24) Chloroform-d	4.65	84	67681	38.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.48%
26) 1,2-Dichloroethane-d4	5.31	65	49741	41.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.24%
32) Benzene-d6	5.34	84	128496	39.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.36%
36) 1,2-Dichloropropane-d6	6.33	67	48904	41.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.54%
41) Toluene-d8	7.57	98	117306	38.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.56%#
43) trans-1,3-Dichloropropene-	7.85	79	21592	37.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.96%
47) 2-Hexanone-d5	8.31	63	54702	91.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	65628	43.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	44131	41.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.20%

Target Compounds

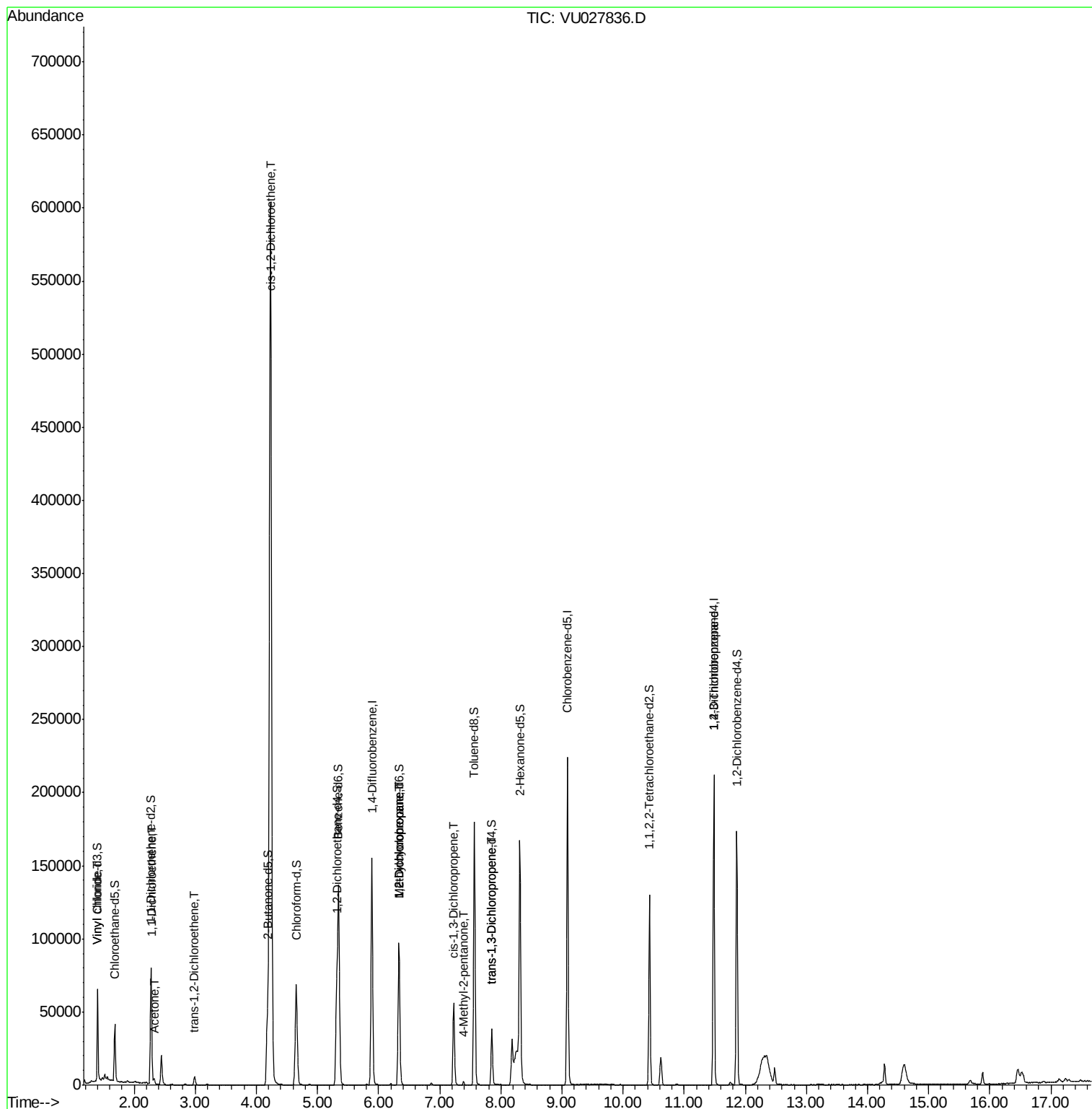
					Qvalue
5) Vinyl chloride	1.41	62	12502	11.084 ug/L #	77
12) 1,1-Dichloroethene	2.29	96	1122	1.612 ug/L #	1
13) Acetone	2.32	43	3973	6.887 ug/L	97
17) trans-1,2-Dichloroethene	2.99	96	1969	2.557 ug/L #	81
20) cis-1,2-Dichloroethene	4.23	96	322300	353.855 ug/L	100
35) Methylcyclohexane	6.33	83	10741	7.242 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	5149	5.087 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1219	0.782 ug/L #	76
40) 4-Methyl-2-pentanone	7.39	43	1201	0.738 ug/L #	47
44) trans-1,3-Dichloropropene	7.85	75	835	0.566 ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	6359	5.316 ug/L	91

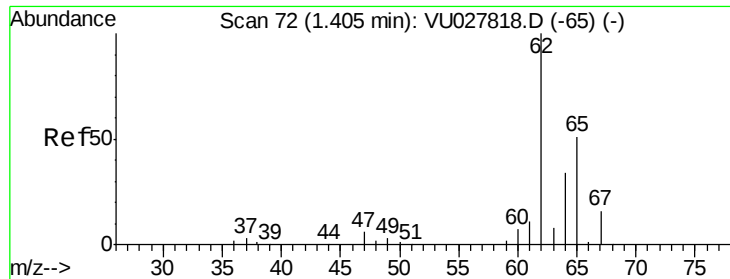
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.084 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

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Acq: 26 Oct 2018 16:15

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MSVOA_U

ClientSampleId :

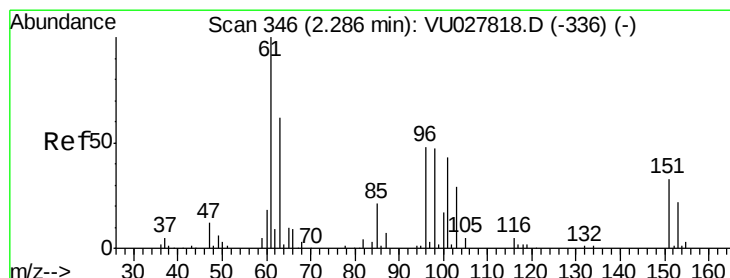
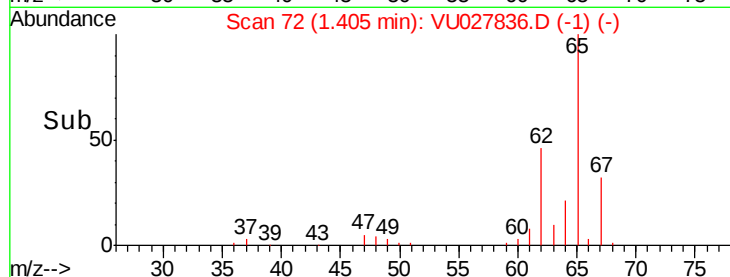
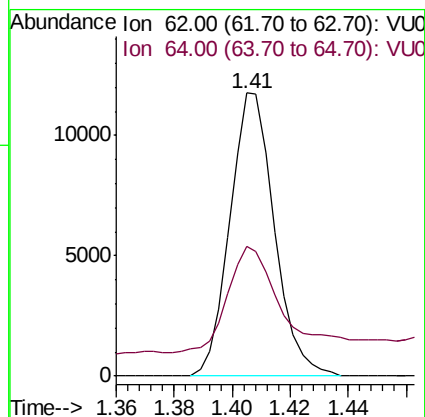
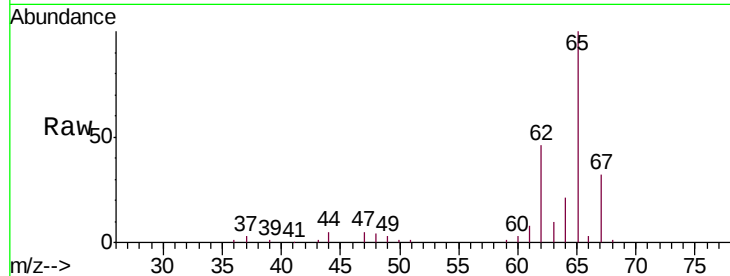
ETBS0

Tgt Ion: 62 Resp: 12502

Ion Ratio Lower Upper

62 100

64 45.7 23.0 42.8#



#12

1,1-Dichloroethene

Concen: 1.612 ug/L

RT: 2.29 min Scan# 348

Delta R.T. 0.01 min

Lab File: VU027836.D

Acq: 26 Oct 2018 16:15

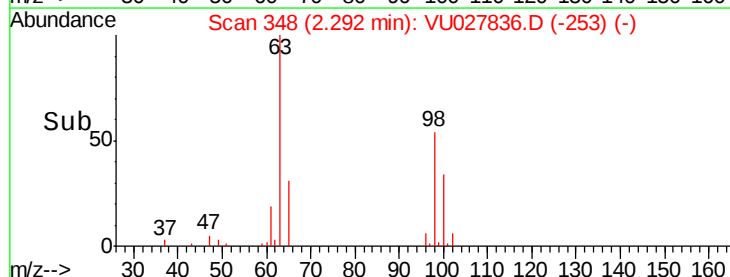
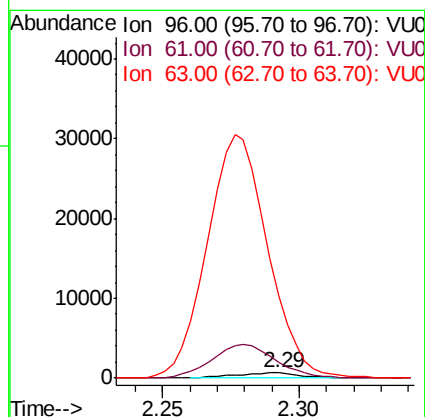
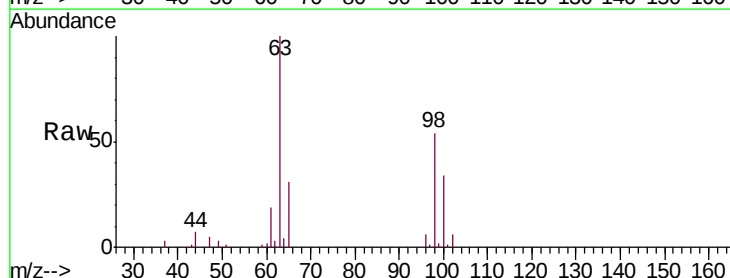
Tgt Ion: 96 Resp: 1122

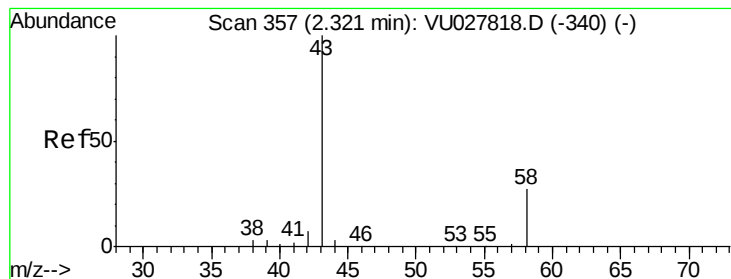
Ion Ratio Lower Upper

96 100

61 306.1 137.3 255.1#

63 1581.0 109.8 204.0#





#13

Acetone

Concen: 6.887 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027836.D

Acq: 26 Oct 2018 16:15

Instrument :

MSVOA_U

ClientSampleId :

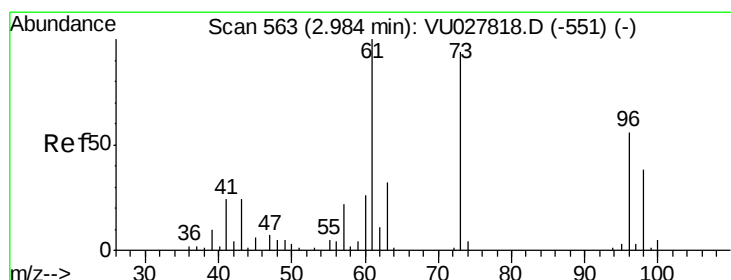
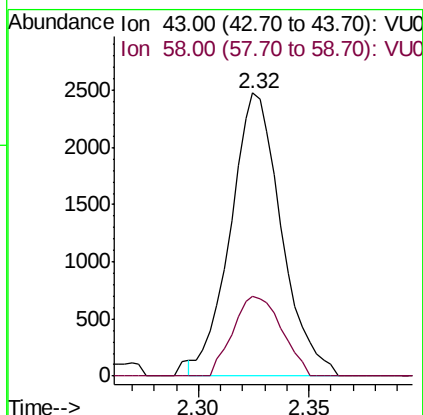
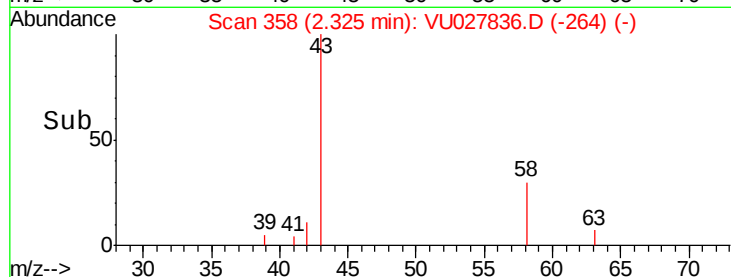
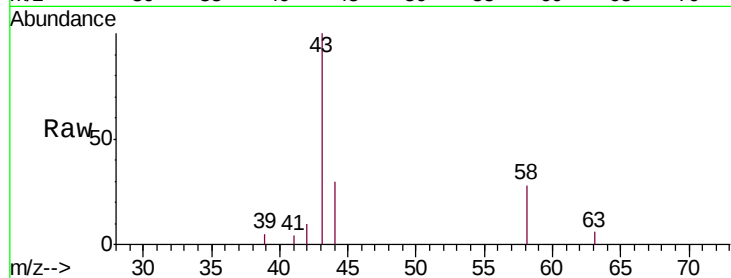
ETBS0

Tgt Ion: 43 Resp: 3973

Ion Ratio Lower Upper

43 100

58 27.0 0.0 57.4



#17

trans-1,2-Dichloroethene

Concen: 2.557 ug/L

RT: 2.99 min Scan# 564

Delta R.T. 0.00 min

Lab File: VU027836.D

Acq: 26 Oct 2018 16:15

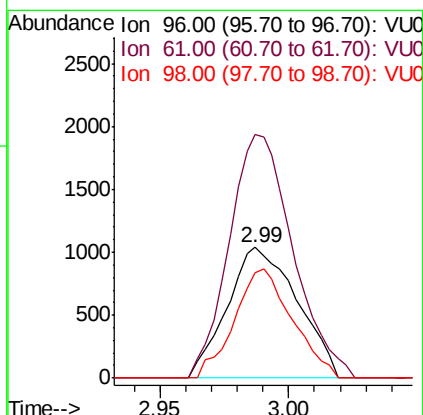
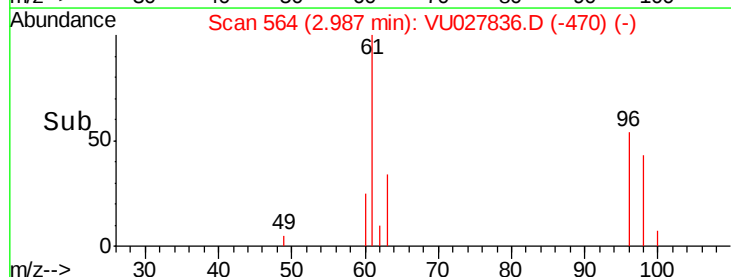
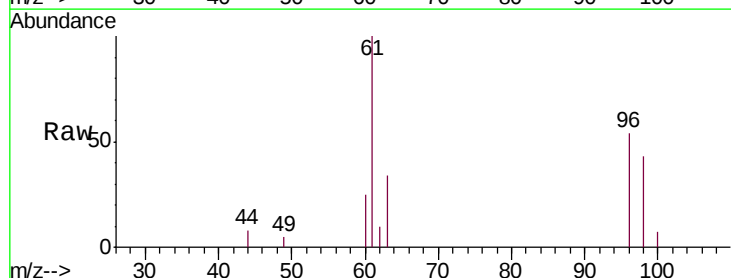
Tgt Ion: 96 Resp: 1969

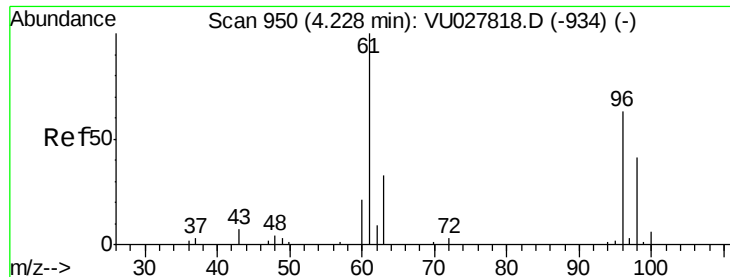
Ion Ratio Lower Upper

96 100

61 186.2 114.7 212.9

98 80.4 42.2 78.4#

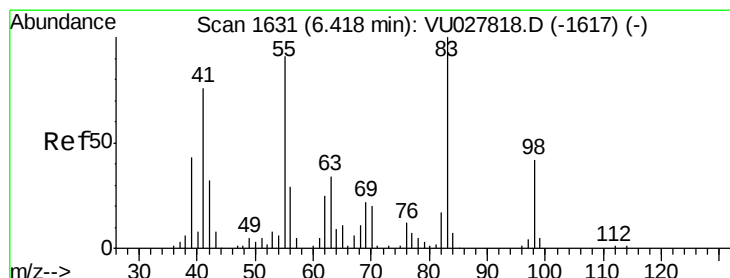
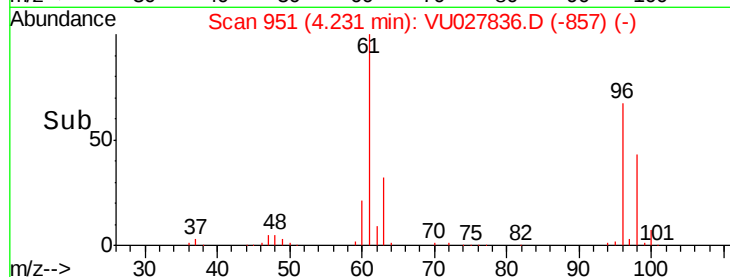
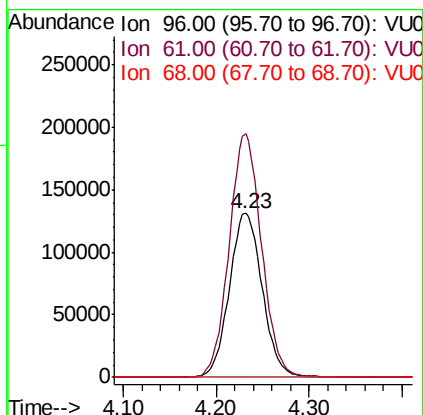
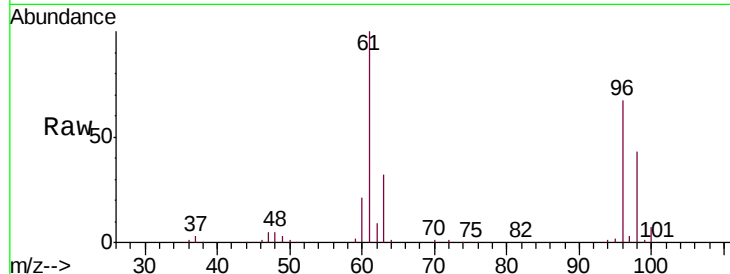




#20
 cis-1,2-Dichloroethene
 Concen: 353.855 ug/L
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU027836.D
 Acq: 26 Oct 2018 16:15

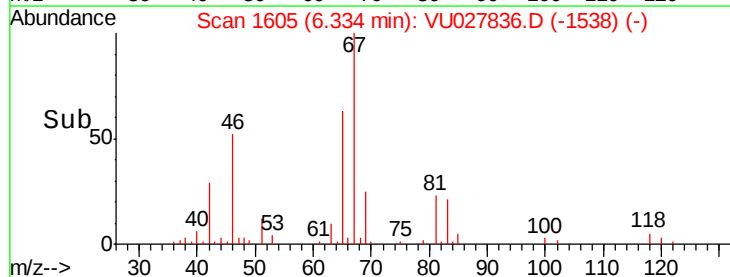
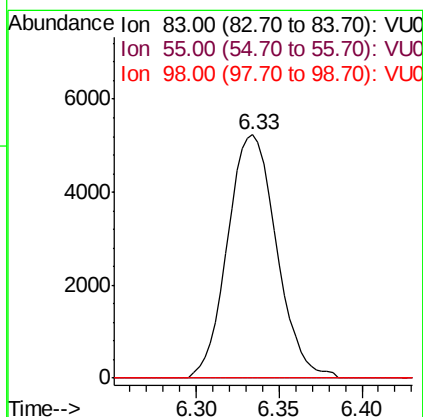
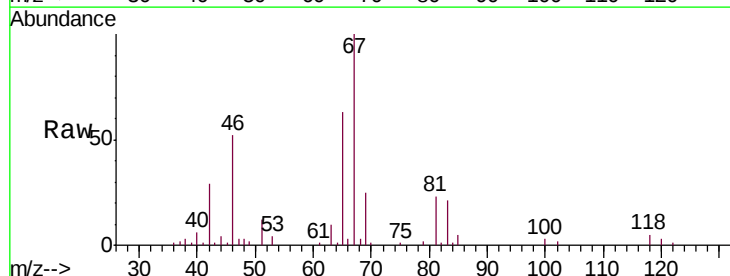
Instrument :
 MSVOA_U
 ClientSampled :
 ETBS0

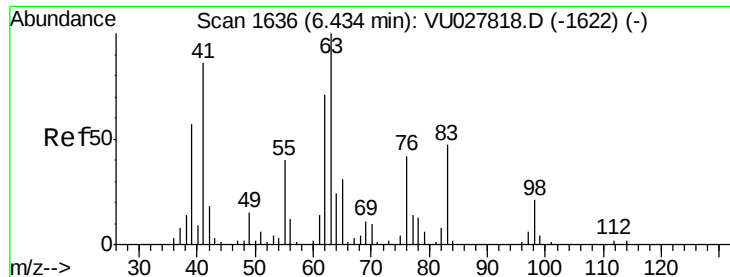
Tgt Ion: 96 Resp: 322300
 Ion Ratio Lower Upper
 96 100
 61 148.3 104.2 193.4
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 7.242 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.08 min
 Lab File: VU027836.D
 Acq: 26 Oct 2018 16:15

Tgt Ion: 83 Resp: 10741
 Ion Ratio Lower Upper
 83 100
 55 0.0 71.9 107.9#
 98 0.0 34.6 52.0#

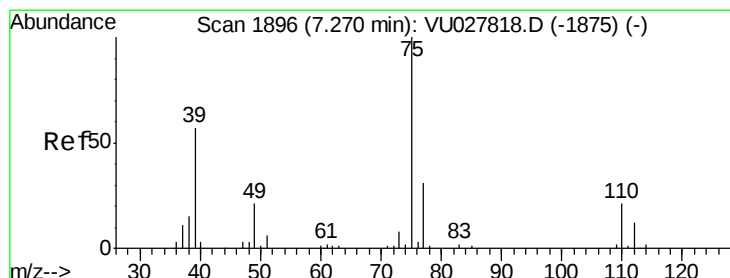
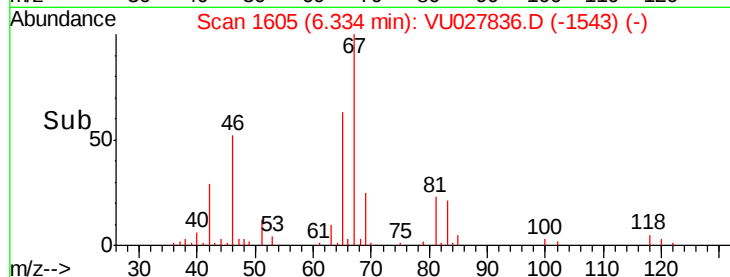
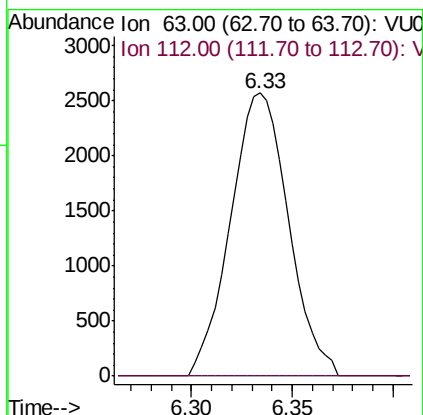
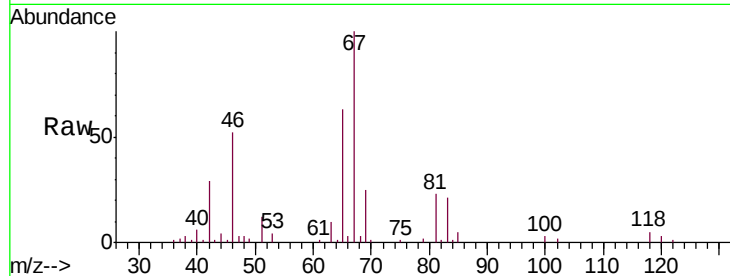




#37
 1,2-Dichloropropane
 Concen: 5.087 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027836.D
 Acq: 26 Oct 2018 16:15

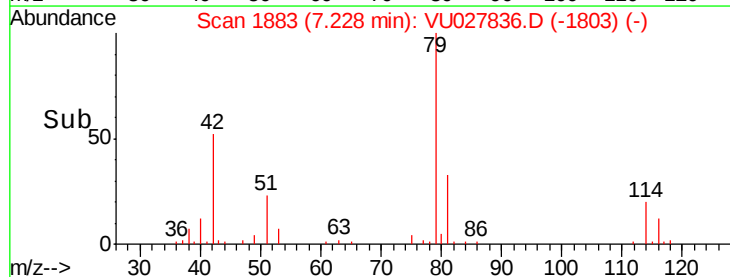
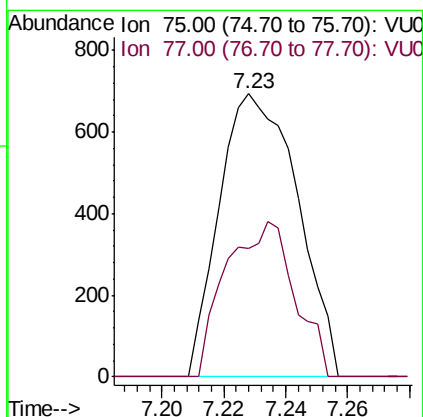
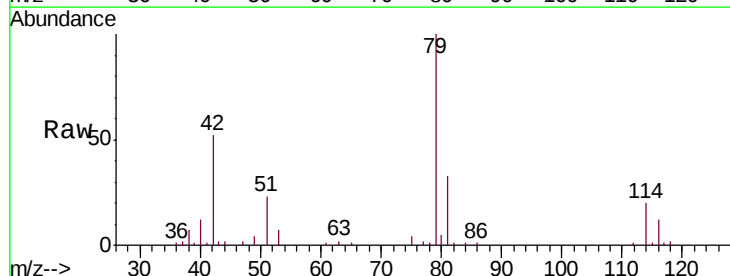
Instrument :
 MSVOA_U
 ClientSampleId :
 ETBS0

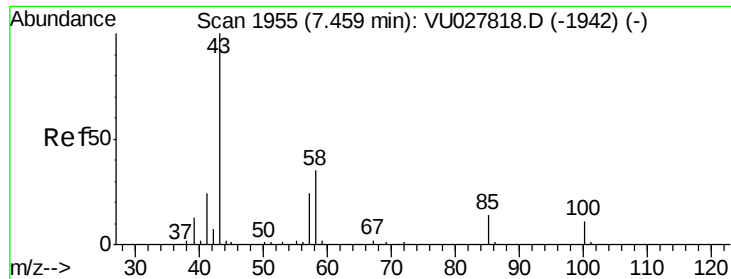
Tgt Ion: 63 Resp: 5149
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.782 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027836.D
 Acq: 26 Oct 2018 16:15

Tgt Ion: 75 Resp: 1219
 Ion Ratio Lower Upper
 75 100
 77 45.6 22.5 41.7#

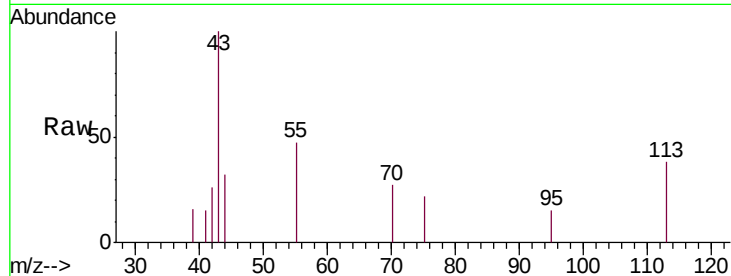




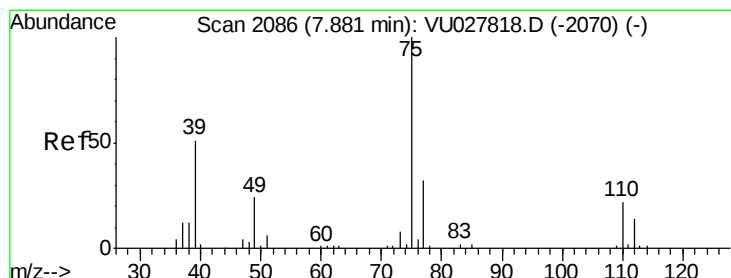
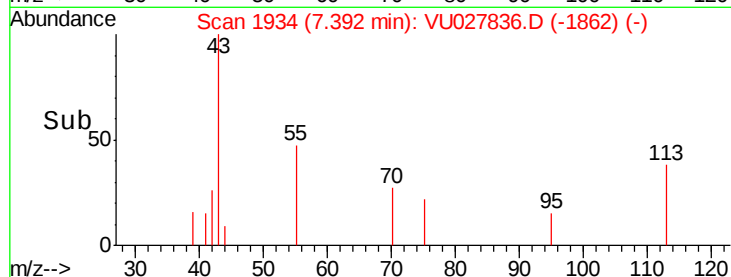
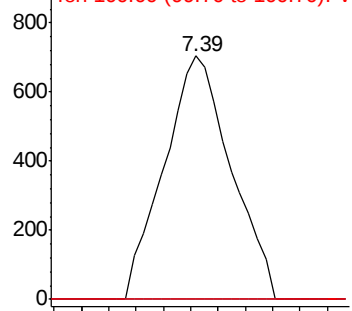
#40
 4-Methyl-2-pentanone
 Concen: 0.738 ug/L
 RT: 7.39 min Scan# 1934
 Delta R.T. -0.07 min
 Lab File: VU027836.D
 Acq: 26 Oct 2018 16:15

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBS0

Tgt Ion: 43 Resp: 1201
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.3 42.5#
 100 0.0 9.1 13.7#

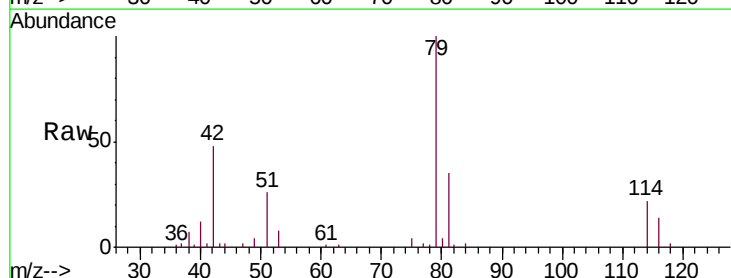


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

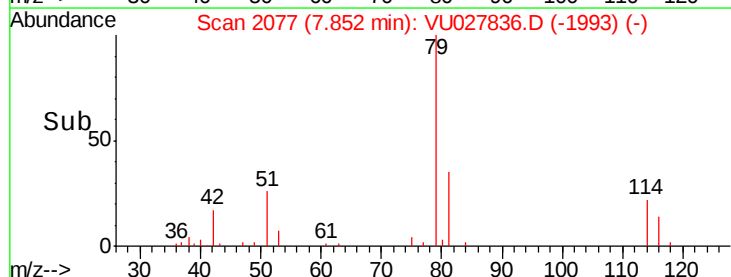
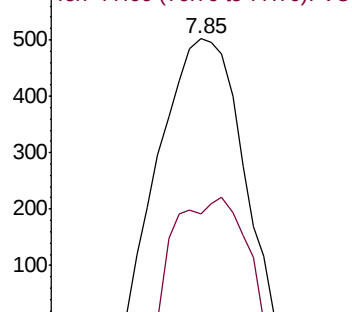


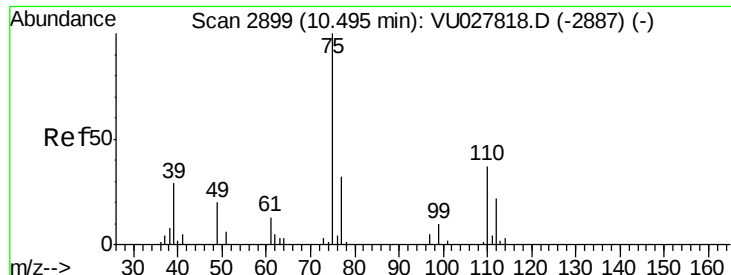
#44
 trans-1,3-Dichloropropene
 Concen: 0.566 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU027836.D
 Acq: 26 Oct 2018 16:15

Tgt Ion: 75 Resp: 835
 Ion Ratio Lower Upper
 75 100
 77 38.2 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.316 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027836.D

Acq: 26 Oct 2018 16:15

Instrument :

MSVOA_U

ClientSampleId :

ETBS0

Tgt Ion: 75 Resp: 6359

Ion Ratio Lower Upper

75 100

77 38.1 26.5 39.7

