

Data File : VV008438.D
Acq On : 26 Oct 2018 17:09
Operator : SY/MD
Sample : J5668-19
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBW3

Quant Time: Oct 27 04:47:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 04:42:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	198432	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	179012	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71700	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53680	48.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.72%
7) Chloroethane-d5	1.57	69	41949	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.76%
11) 1,1-Dichloroethene-d2	2.13	63	73946	37.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.52%
21) 2-Butanone-d5	3.93	46	111002	92.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.96%
24) Chloroform-d	4.41	84	128437	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.09	65	90348	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
32) Benzene-d6	5.11	84	264212	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
36) 1,2-Dichloropropane-d6	6.12	67	89552	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.14%
41) Toluene-d8	7.36	98	237120	51.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.38%
43) trans-1,3-Dichloropropene-	7.67	79	42061	48.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.78%
47) 2-Hexanone-d5	8.14	63	80768	87.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.35%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	113506	47.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.66%
64) 1,2-Dichlorobenzene-d4	11.68	152	74200	50.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.18%

Target Compounds

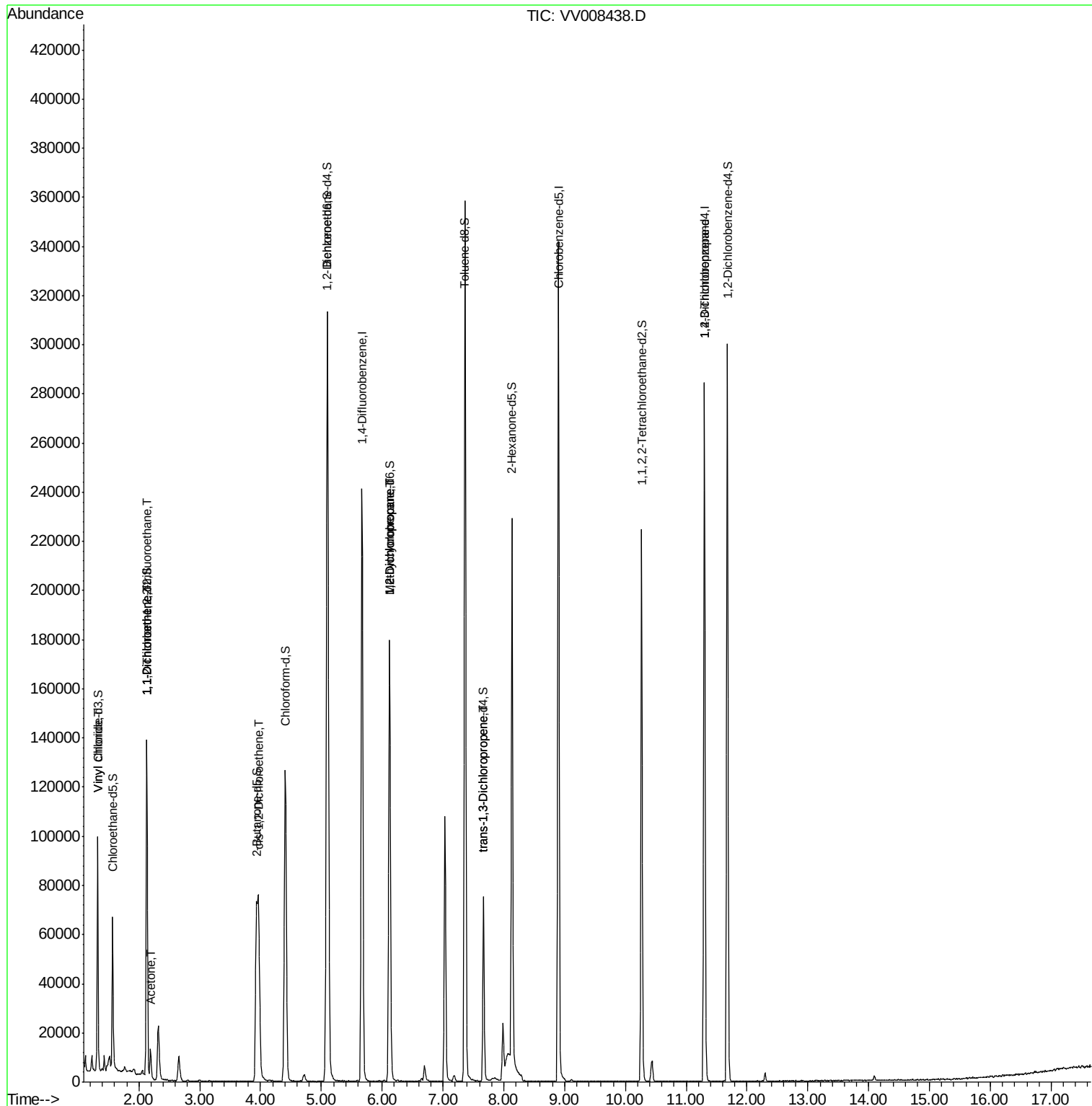
						Qvalue
5) Vinyl chloride	1.33	62	4635	3.296	ug/L #	57
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	574	0.607	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	633	0.711	ug/L #	1
13) Acetone	2.19	43	9112	9.833	ug/L	100
20) cis-1,2-Dichloroethene	3.97	96	32428	20.973	ug/L	95
35) Methylcyclohexane	6.12	83	20375	8.000	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9685	5.993	ug/L #	89
44) trans-1,3-Dichloropropene	7.67	75	1750	0.736	ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	9706	4.792	ug/L	91

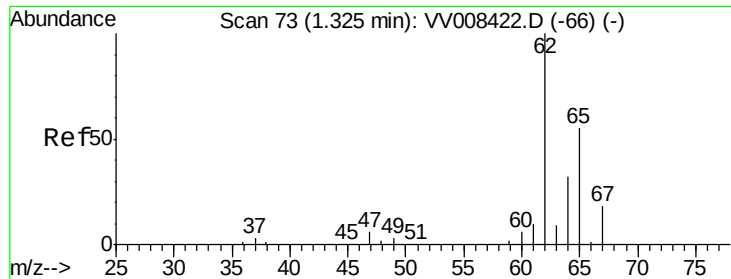
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.296 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008438.D

Acq: 26 Oct 2018 17:09

Instrument :

MSVOA_V

ClientSampled :

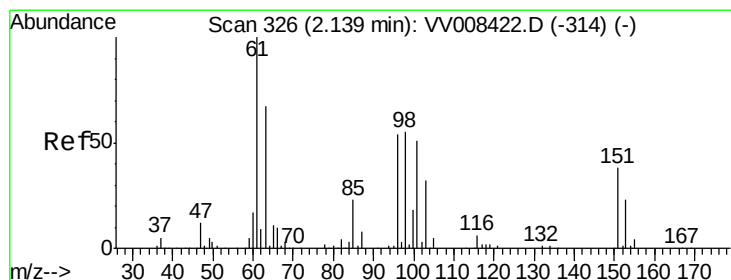
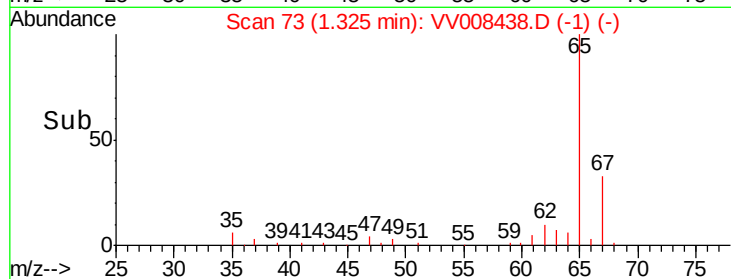
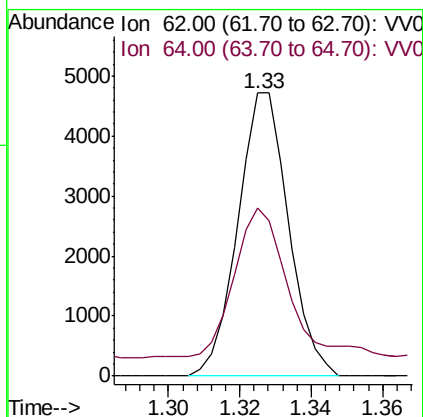
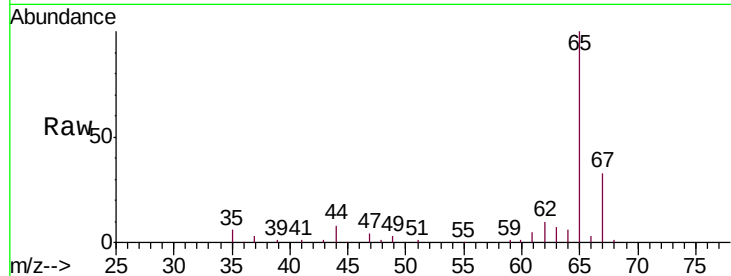
ETBW3

Tgt Ion: 62 Resp: 4635

Ion Ratio Lower Upper

62 100

64 59.6 24.4 45.4#



#10

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

Concen: 0.607 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008438.D

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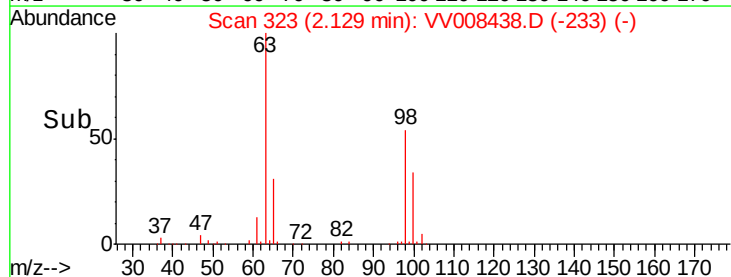
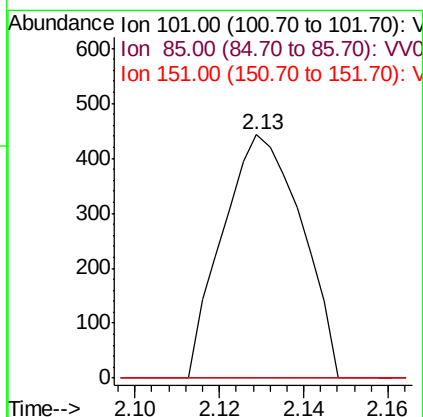
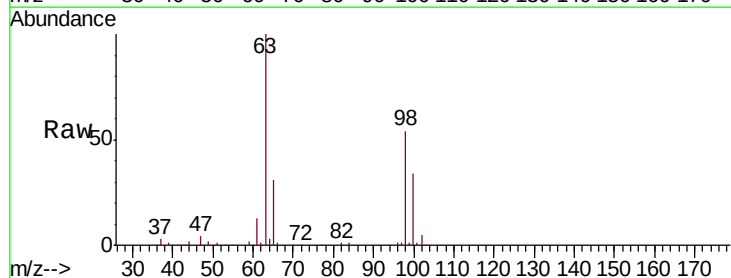
Tgt Ion: 101 Resp: 574

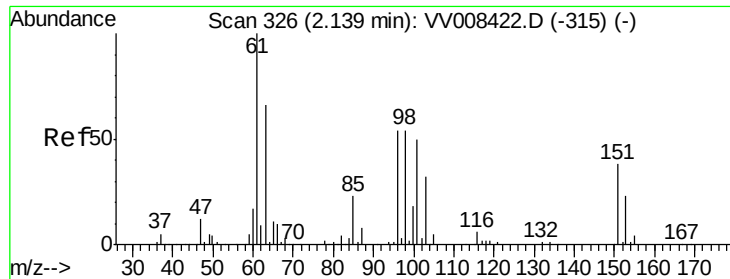
Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 58.1 87.1#

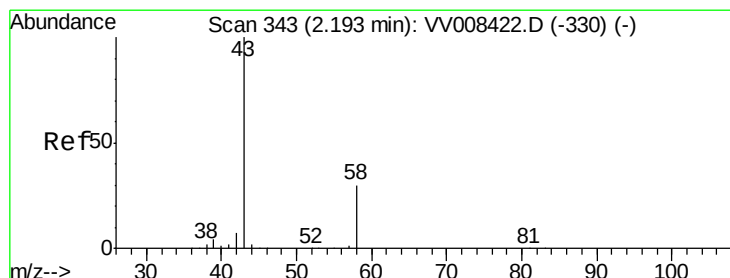
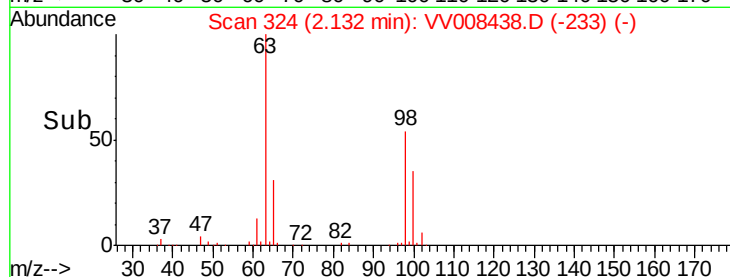
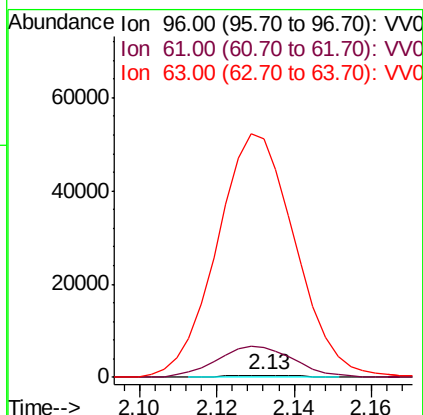
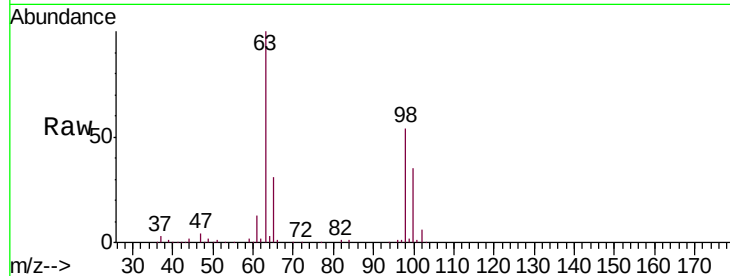




#12
 1,1-Dichloroethene
 Concen: 0.711 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV008438.D
 Acq: 26 Oct 2018 17:09

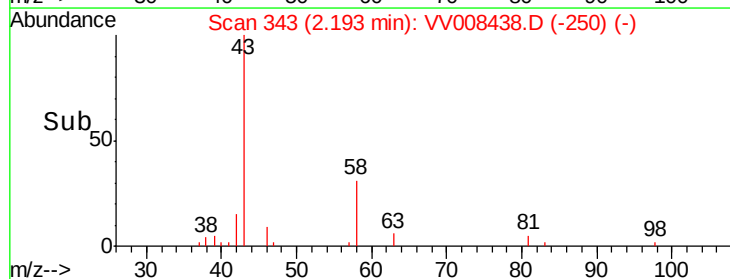
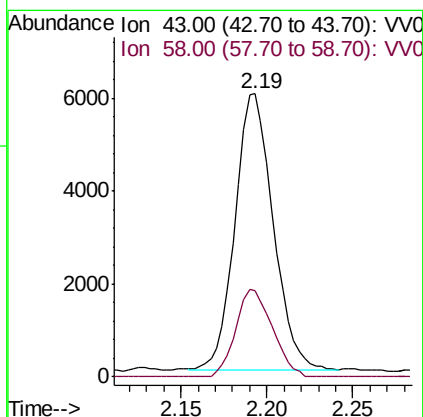
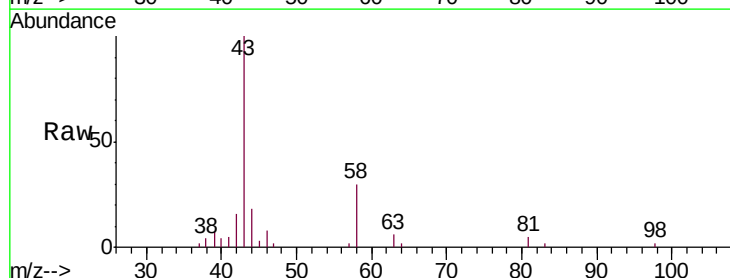
Instrument :
 MSVOA_V
 ClientSampled :
 ETBW3

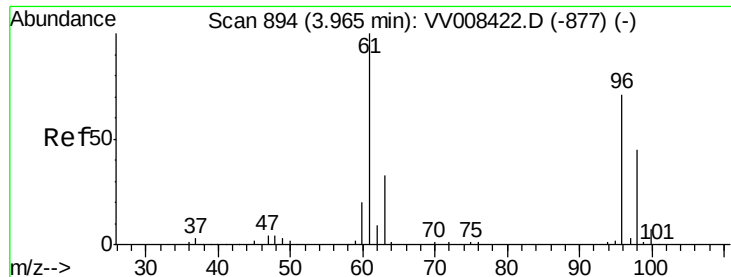
Tgt Ion: 96 Resp: 633
 Ion Ratio Lower Upper
 96 100
 61 1347.9 130.3 242.1#
 63 10578.5 84.4 156.8#



#13
 Acetone
 Concen: 9.833 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VV008438.D
 Acq: 26 Oct 2018 17:09

Tgt Ion: 43 Resp: 9112
 Ion Ratio Lower Upper
 43 100
 58 30.5 0.0 61.4

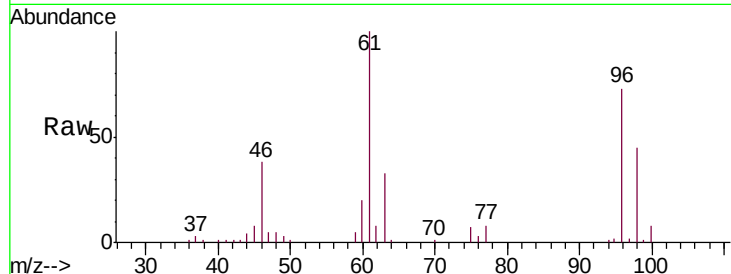




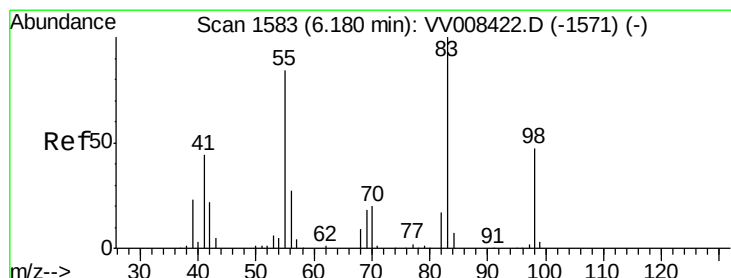
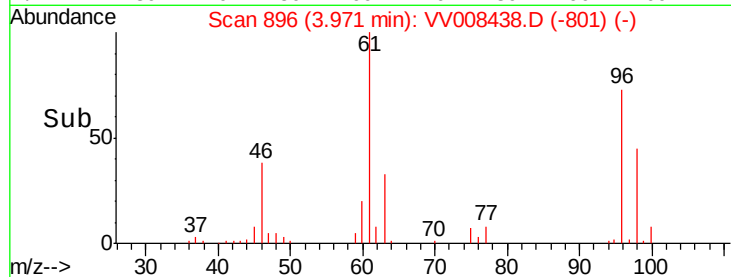
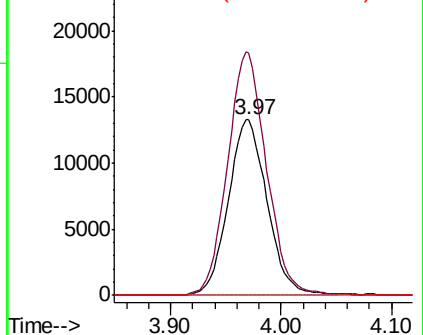
#20
 cis-1,2-Dichloroethene
 Concen: 20.973 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: VV008438.D
 Acq: 26 Oct 2018 17:09

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBW3

Tgt Ion: 96 Resp: 32428
 Ion Ratio Lower Upper
 96 100
 61 137.9 100.9 187.5
 68 0.0 0.0 0.0

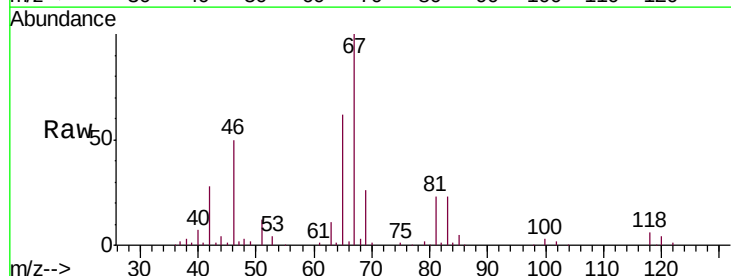


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

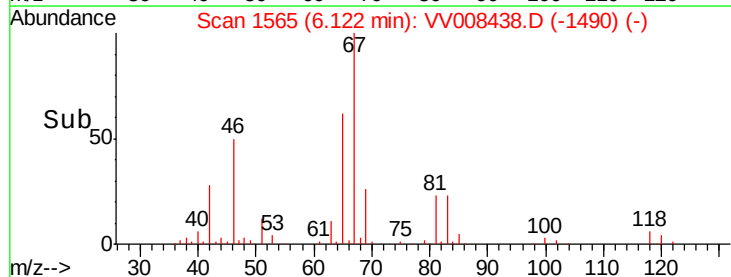
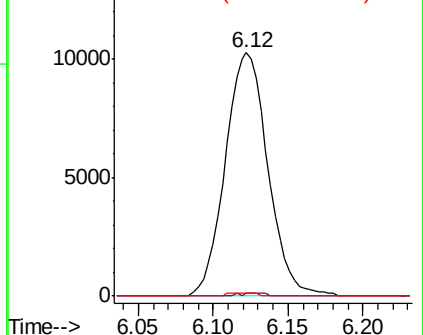


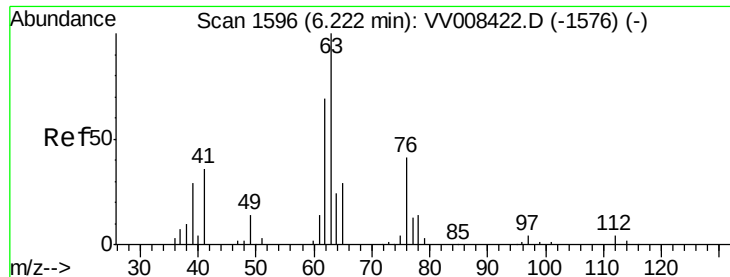
#35
 Methylcyclohexane
 Concen: 8.000 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.06 min
 Lab File: VV008438.D
 Acq: 26 Oct 2018 17:09

Tgt Ion: 83 Resp: 20375
 Ion Ratio Lower Upper
 83 100
 55 0.6 65.0 97.4#
 98 0.0 36.0 54.0#



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

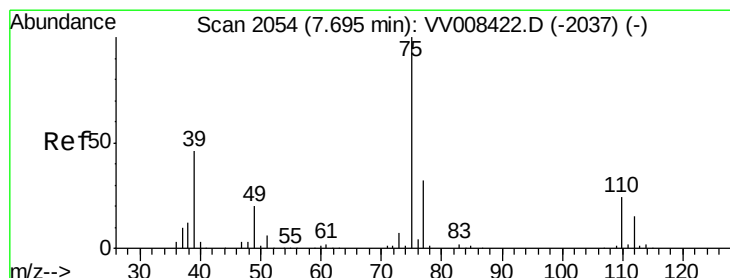
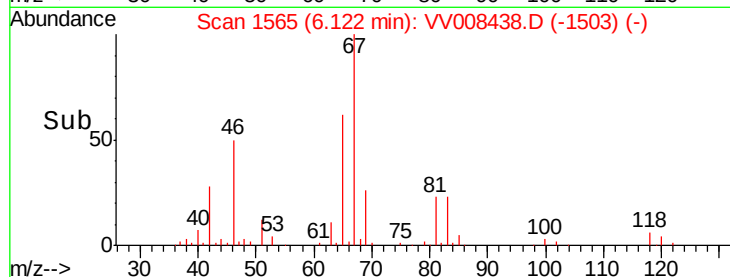
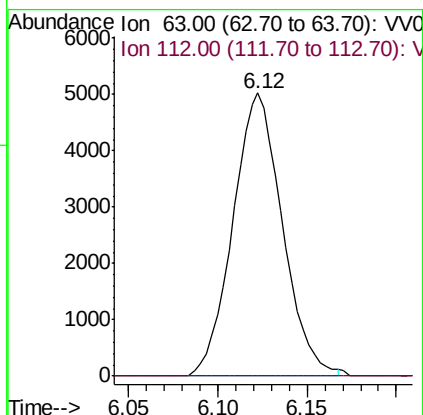
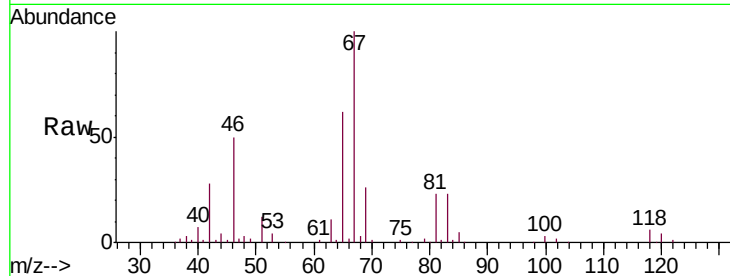




#37
 1,2-Dichloropropane
 Concen: 5.993 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008438.D
 Acq: 26 Oct 2018 17:09

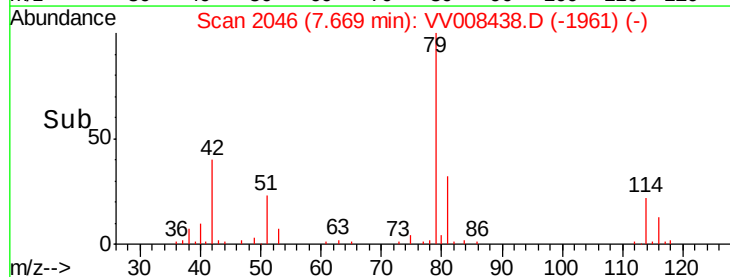
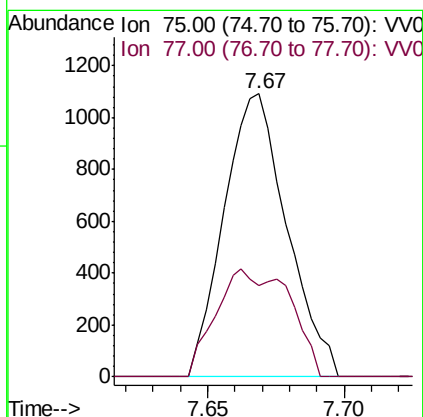
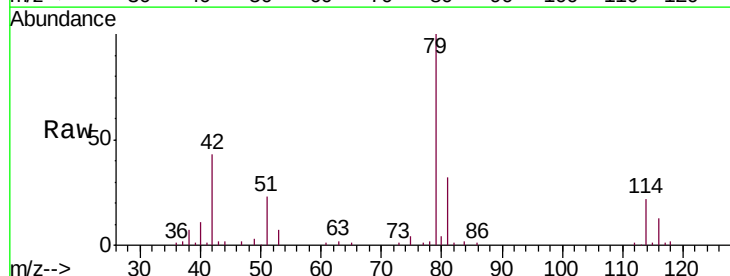
Instrument :
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 ClientSampleID :
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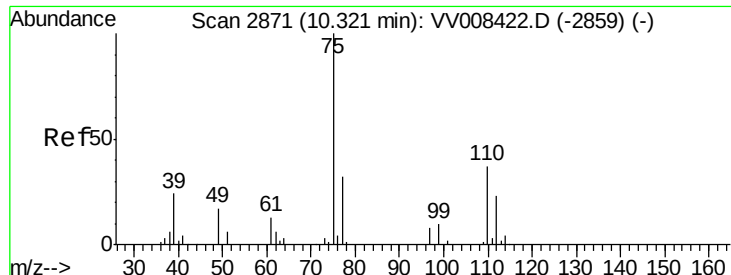
Tgt Ion: 63 Resp: 9685
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.736 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV008438.D
 Acq: 26 Oct 2018 17:09

Tgt Ion: 75 Resp: 1750
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.8 40.4





#59
 1,2,3-Trichloropropane
 Concen: 4.792 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV008438.D
 Acq: 26 Oct 2018 17:09

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBW3

Tgt Ion: 75 Resp: 9706
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.8 38.8

