

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103018\
 Data File : VV008472.D
 Acq On : 30 Oct 2018 17:00
 Operator : SY/MD
 Sample : J5669-20DL 5X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBR2DL

Quant Time: Oct 31 08:08:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 31 07:14:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	172786	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	155875	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68716	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56916	59.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.98%
7) Chloroethane-d5	1.56	69	19407	28.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	56.20%#
11) 1,1-Dichloroethene-d2	2.12	63	69630	40.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.60%
21) 2-Butanone-d5	3.94	46	103169	99.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.23%
24) Chloroform-d	4.41	84	119957	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
26) 1,2-Dichloroethane-d4	5.09	65	82588	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.70%
32) Benzene-d6	5.10	84	248844	56.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.04%
36) 1,2-Dichloropropane-d6	6.12	67	83580	54.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.42%
41) Toluene-d8	7.36	98	226078	56.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.10%
43) trans-1,3-Dichloropropene-	7.67	79	39593	52.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.72%
47) 2-Hexanone-d5	8.14	63	83842	104.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	116021	55.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.12%
64) 1,2-Dichlorobenzene-d4	11.68	152	77381	55.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.10%

Target Compounds

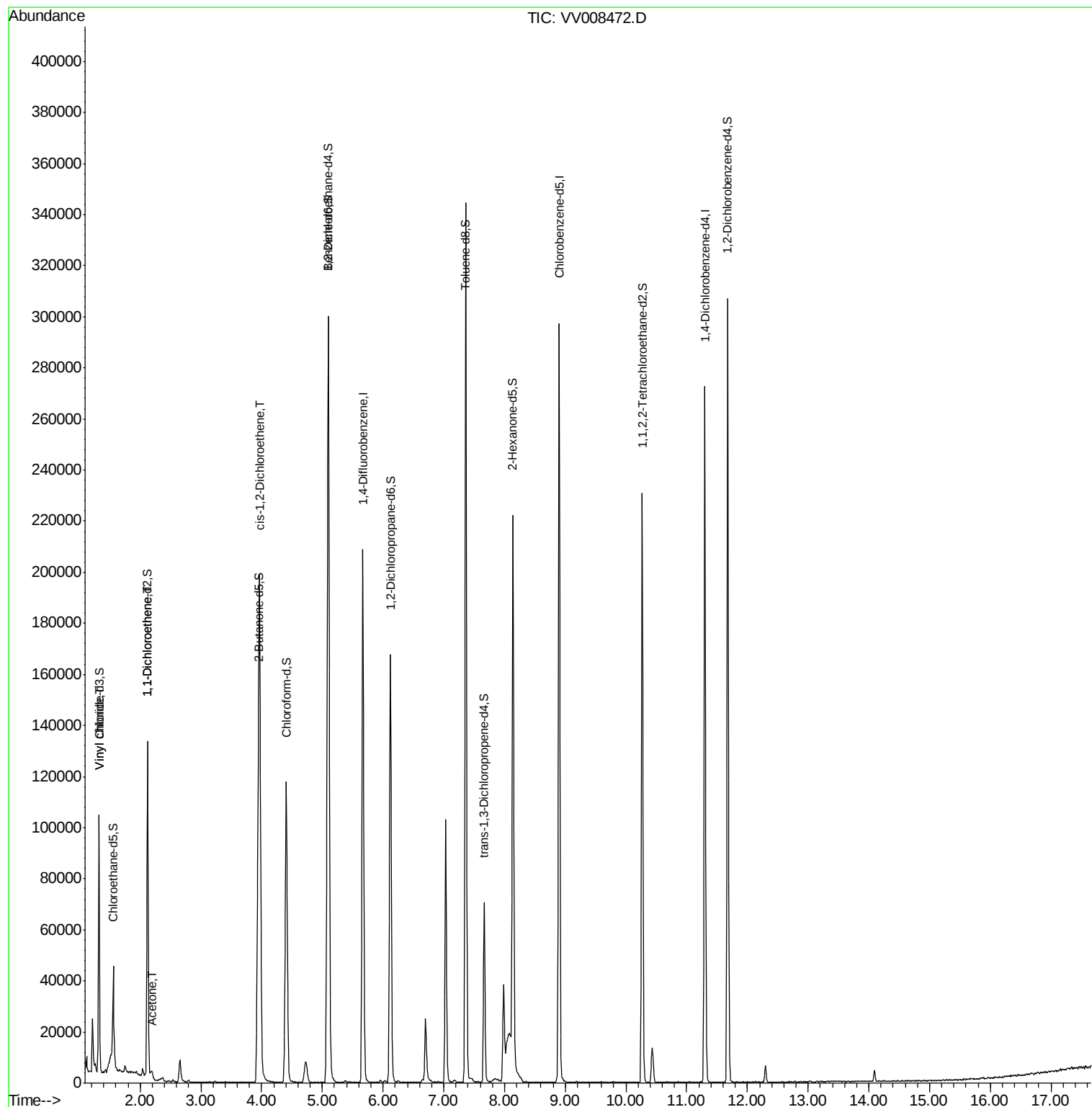
					Ovalue
5) Vinyl chloride	1.33	62	10126	8.268 ug/L	87
12) 1,1-Dichloroethene	2.13	96	748	0.965 ug/L #	1
13) Acetone	2.20	43	1774	2.198 ug/L	97
20) cis-1,2-Dichloroethene	3.97	96	95725	71.100 ug/L	95

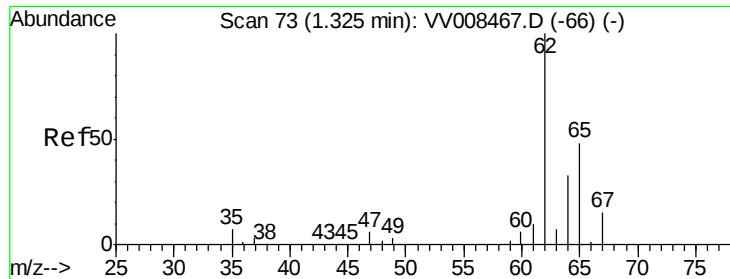
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 8.268 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008472.D

Acq: 30 Oct 2018 17:00

Instrument :

MSVOA_V

ClientSampleId :

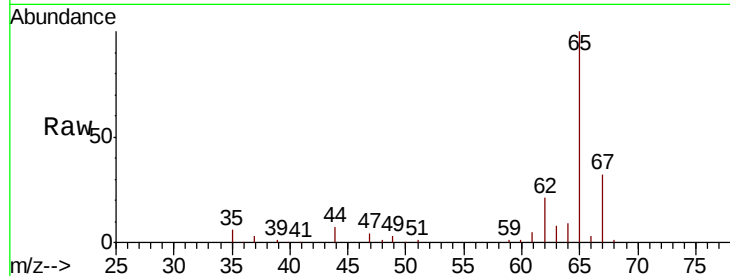
ETBR2DL

Tot Ion: 62 Resp: 10126

Ion Ratio Lower Upper

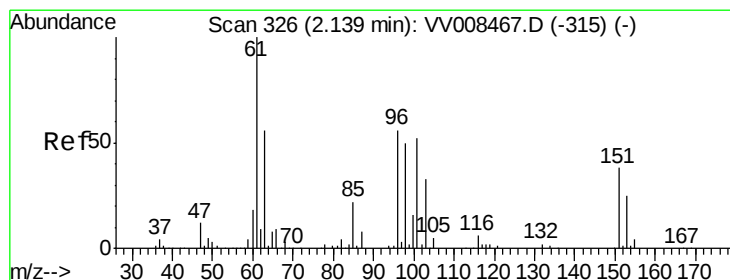
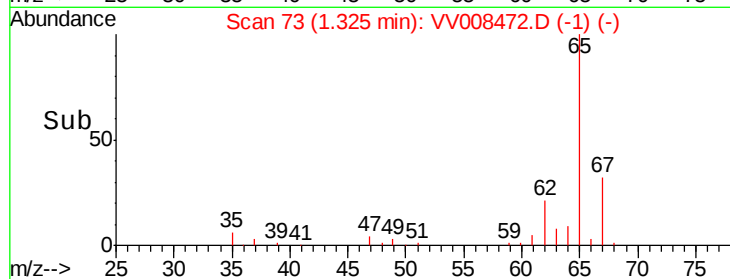
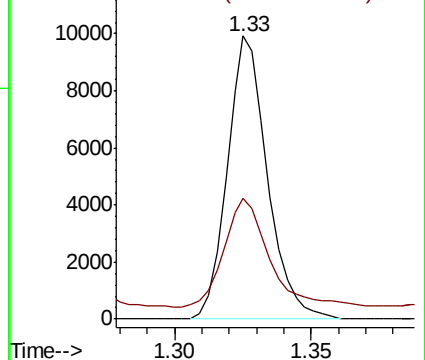
62 100

64 42.6 24.4 45.4



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#12

1,1-Dichloroethene

Concen: 0.965 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV008472.D

Acq: 30 Oct 2018 17:00

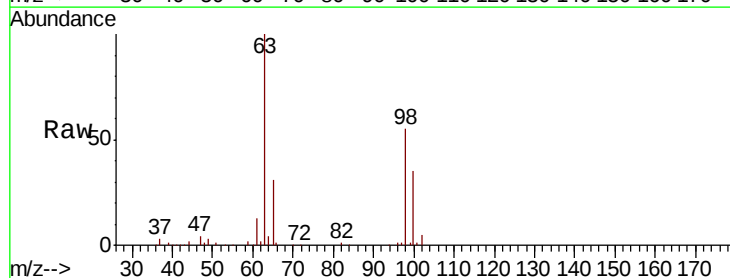
Tgt Ion: 96 Resp: 748

Ion Ratio Lower Upper

96 100

61 1108.2 130.3 242.1#

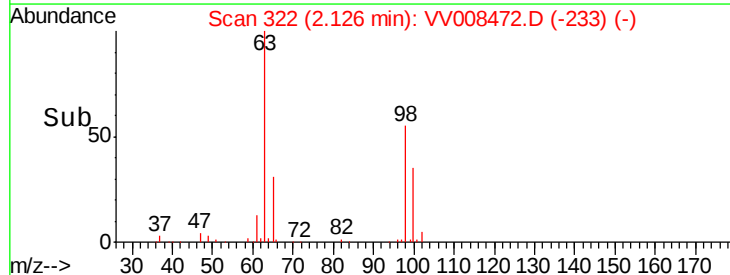
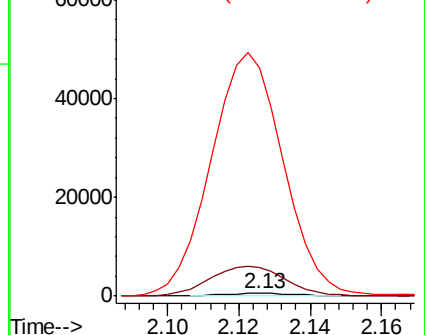
63 8836.7 84.4 156.8#

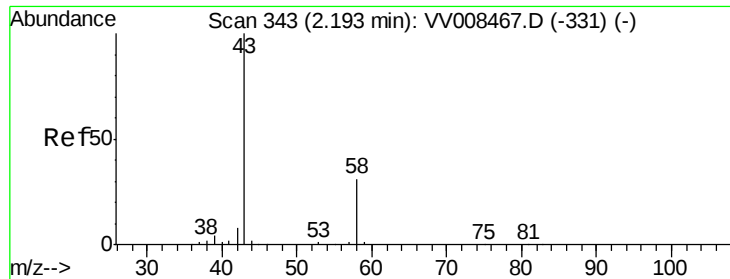


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.198 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV008472.D

Acq: 30 Oct 2018 17:00

Instrument :

MSVOA_V

ClientSampled :

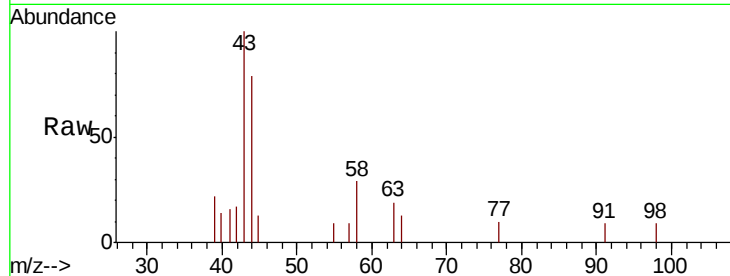
ETBR2DL

Tot Ion: 43 Resp: 1774

Ion Ratio Lower Upper

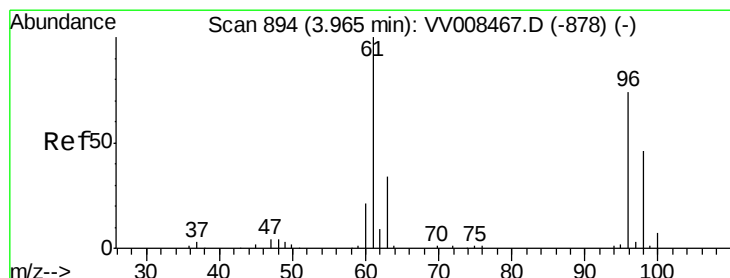
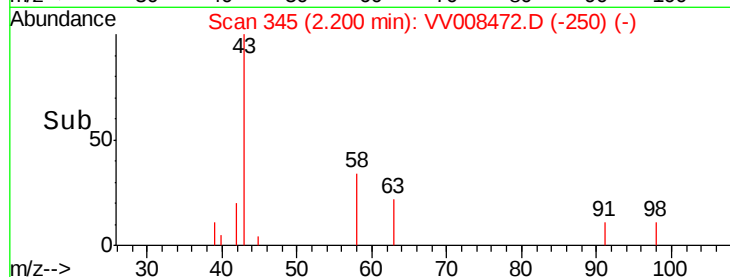
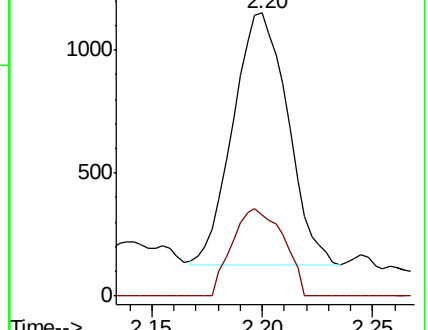
43 100

58 32.2 0.0 61.4



Abundance Ion 43.00 (42.70 to 43.70): VV008467.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV008467.D (-331) (-)



#20

cis-1,2-Dichloroethene

Concen: 71.100 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008472.D

Acq: 30 Oct 2018 17:00

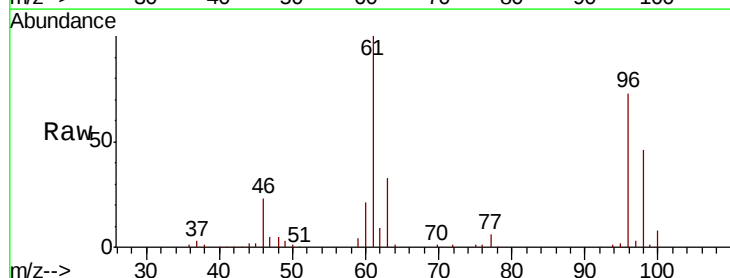
Tgt Ion: 96 Resp: 95725

Ion Ratio Lower Upper

96 100

61 137.6 100.9 187.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV008467.D (-878) (-)

Ion 61.00 (60.70 to 61.70): VV008467.D (-878) (-)

Ion 68.00 (67.70 to 68.70): VV008467.D (-878) (-)

