

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016663.D
 Acq On : 08 Jun 2020 16:37
 Operator : SY/MD
 Sample : L2861-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E63

Quant Time: Jun 09 02:18:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 01:02:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	371470	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	352309	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	175484	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	114463	43.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.34%
7) Chloroethane-d5	1.56	69	81797	52.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.02%
11) 1,1-Dichloroethene-d2	2.12	63	155524	35.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.66%
21) 2-Butanone-d5	3.89	46	190628	98.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.26%
24) Chloroform-d	4.37	84	244559	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.76%
26) 1,2-Dichloroethane-d4	5.05	65	172736	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
32) Benzene-d6	5.07	84	489286	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
36) 1,2-Dichloropropane-d6	6.09	67	153422	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.92%
41) Toluene-d8	7.34	98	441776	47.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.64	79	73040	44.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.60%
47) 2-Hexanone-d5	8.11	63	132174	95.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	208362	49.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	186975	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%

Target Compounds

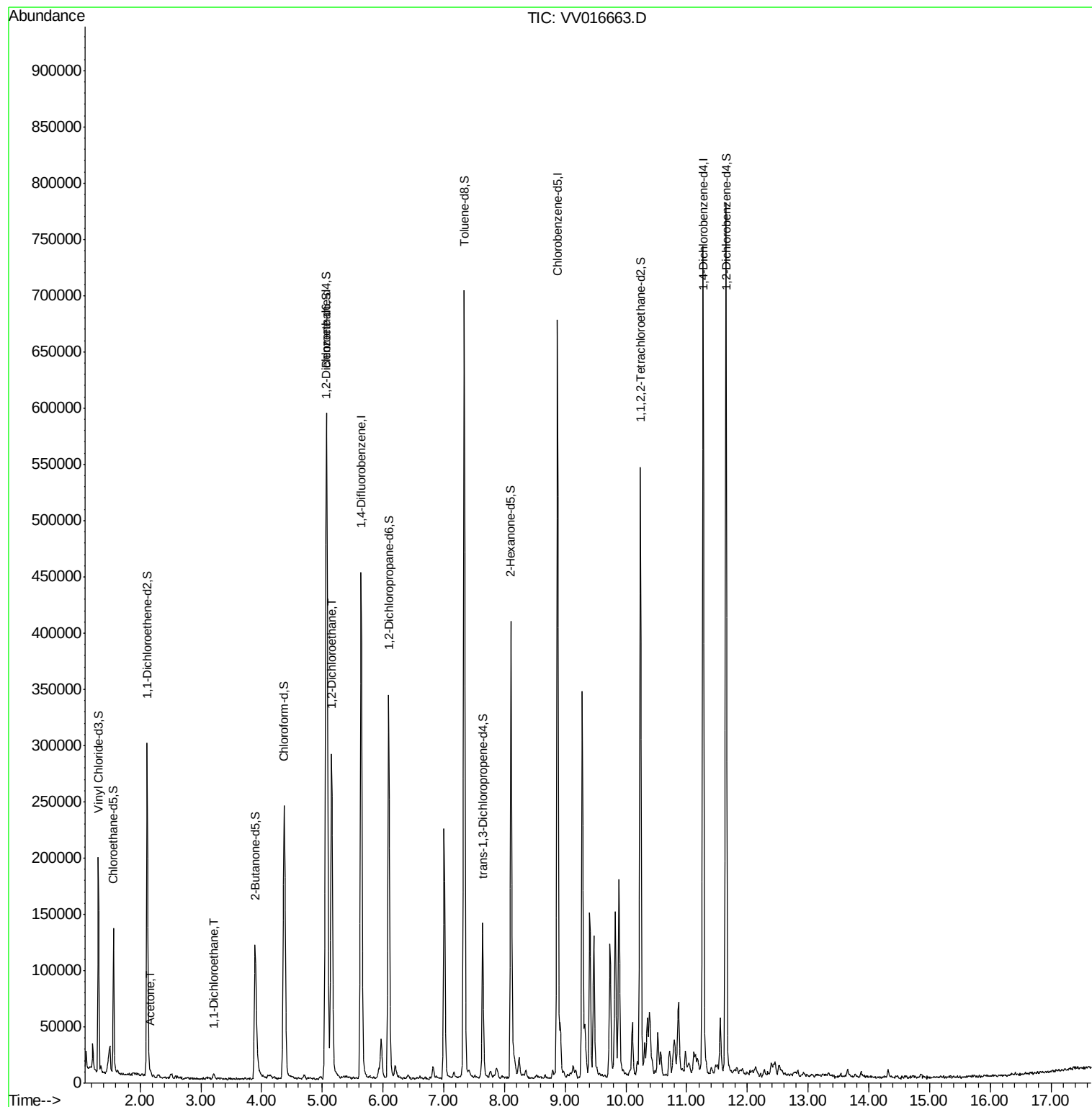
					Ovalue
13) Acetone	2.17	43	4333	3.390 ug/L	99
19) 1,1-Dichloroethane	3.21	63	3982	0.842 ug/L	95
27) 1,2-Dichloroethane	5.15	62	262691	64.440 ug/L	98

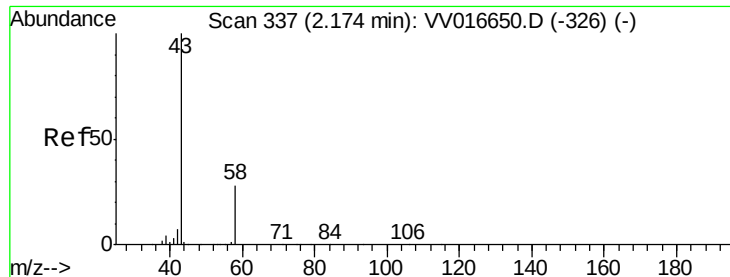
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.390 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

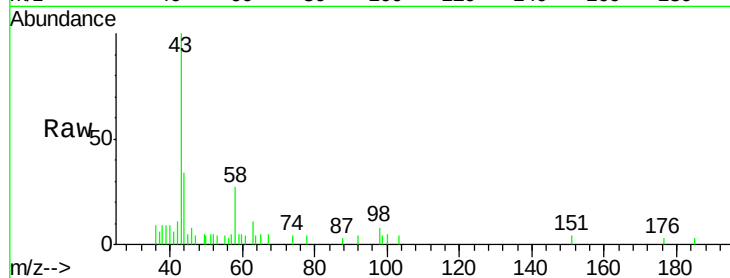
F9E63

Tot Ion: 43 Resp: 4333

Ion Ratio Lower Upper

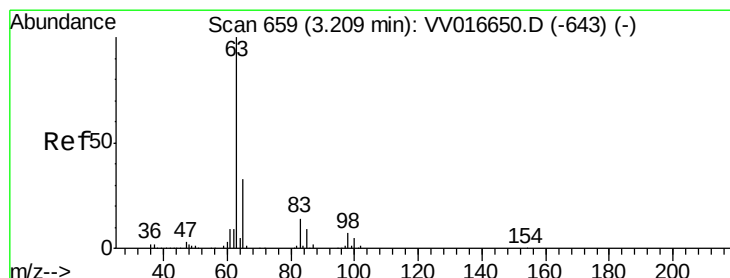
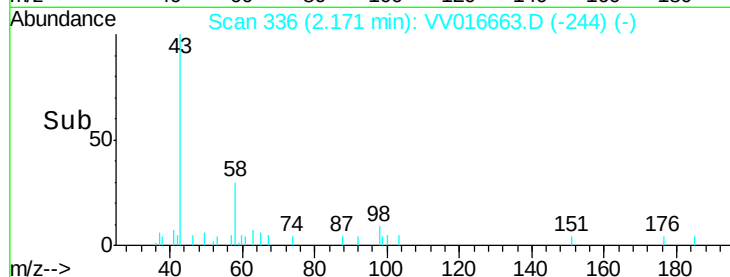
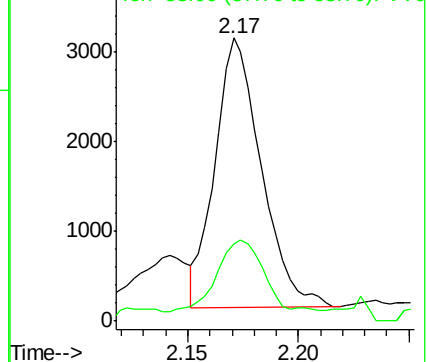
43 100

58 27.0 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#19

1,1-Dichloroethane

Concen: 0.842 ug/L

RT: 3.21 min Scan# 658

Delta R.T. -0.00 min

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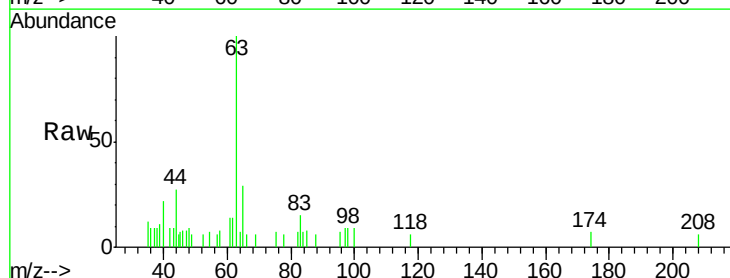
Tgt Ion: 63 Resp: 3982

Ion Ratio Lower Upper

63 100

65 29.5 23.2 43.0

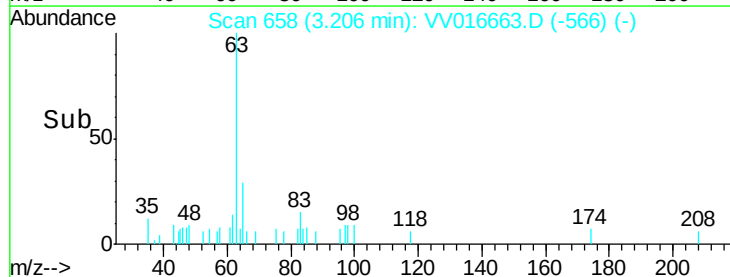
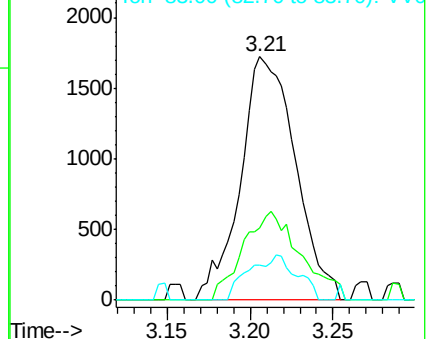
83 14.6 10.0 18.6

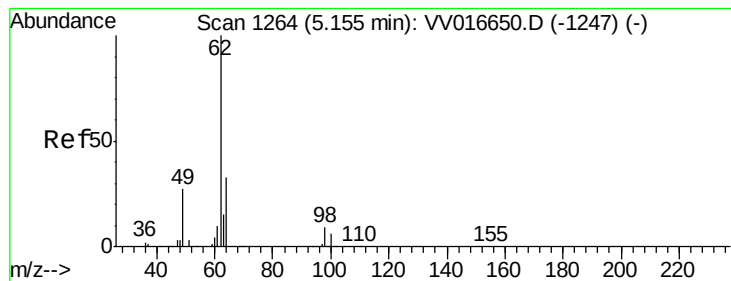


Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0





#27

1,2-Dichloroethane

Concen: 64.440 ug/L

RT: 5.15 min Scan# 1264

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

F9E63

Tot Ion: 62 Resp: 262691

Ion Ratio Lower Upper

62 100

98 8.7 7.4 11.2

