

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018455.D
 Acq On : 25 Sep 2020 15:07
 Operator : SY/MD
 Sample : L4117-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA1

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:00:36 PM

Quant Time: Sep 26 02:42:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 23:36:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	408790	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	387977	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	199370	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	144339	43.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.66%
7) Chloroethane-d5	1.58	69	118894	43.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.22%
11) 1,1-Dichloroethene-d2	2.12	63	201936	33.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.08%
21) 2-Butanone-d5	3.92	46	179676	88.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.11%
24) Chloroform-d	4.38	84	244689	42.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.66%
26) 1,2-Dichloroethane-d4	5.06	65	160703	43.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.74%
32) Benzene-d6	5.08	84	521988	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.09	67	165151	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.60%
41) Toluene-d8	7.34	98	470559	46.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.98%
43) trans-1,3-Dichloropropene-	7.64	79	81135	45.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.48%
47) 2-Hexanone-d5	8.11	63	115674	86.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	201573	45.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	196750	48.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.10%

Target Compounds

					Ovalue
13) Acetone	2.19	43	5441m	3.332	ug/L
19) 1,1-Dichloroethane	3.22	63	18842	3.603	ug/L
20) cis-1,2-Dichloroethene	3.94	96	13077	4.422	ug/L
34) Trichloroethene	5.94	95	276427	91.478	ug/L

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

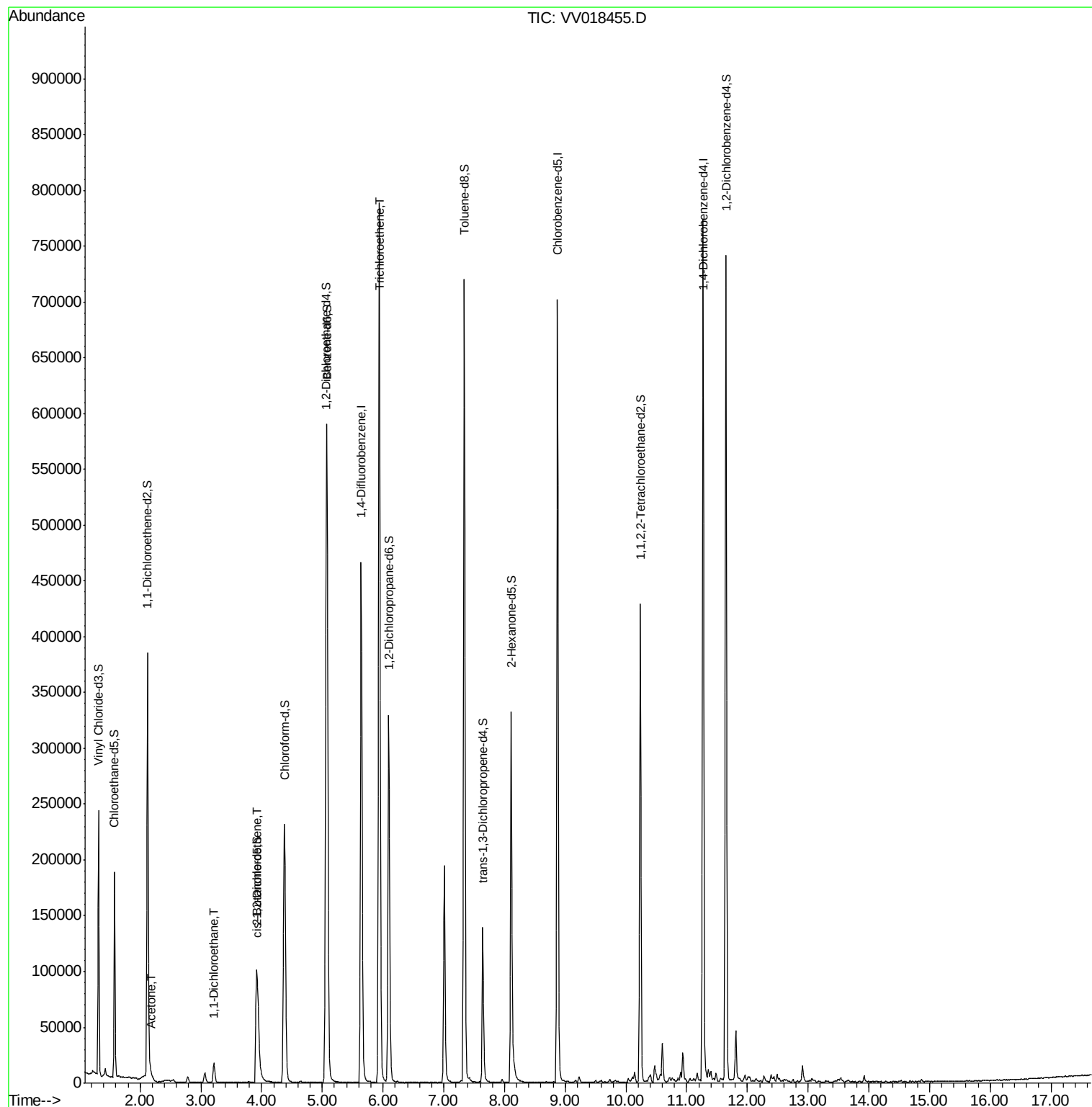
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092520\
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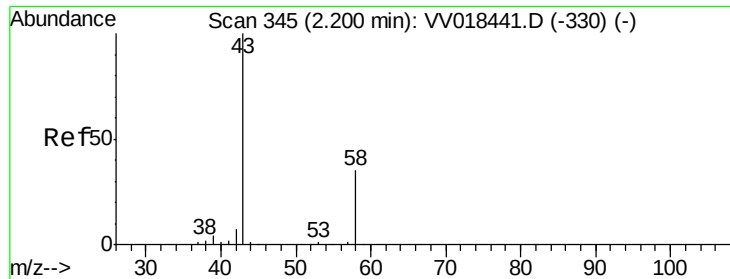
Instrument :
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Quant Title : VOC Analysis
QLast Update : Fri Sep 25 23:36:18 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.332 ug/L m

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV018455.D

Acq: 25 Sep 2020 15:07

Instrument :

MSVOA_V

ClientSampleId :

E0AA1

Tot Ion: 43 Resp: 5441

Ion Ratio Lower Upper

43 100

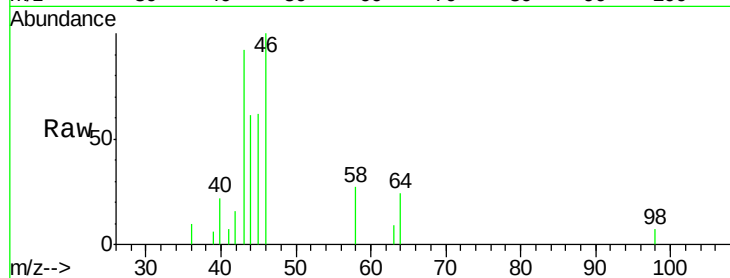
58 22.1 0.0 67.4

Manual Integrations

APPROVED

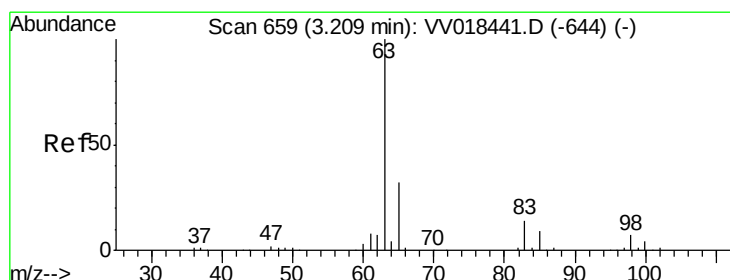
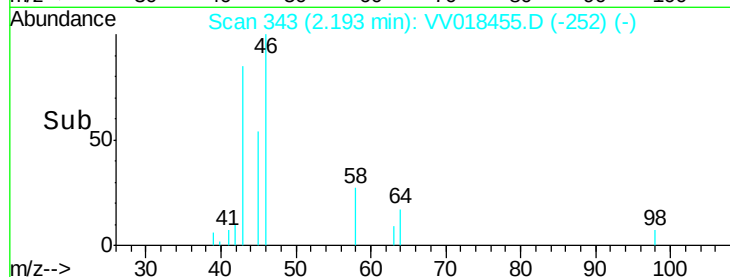
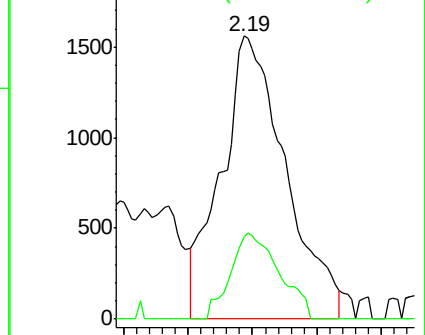
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9/28/2020 5:00:36 PM



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#19

1,1-Dichloroethane

Concen: 3.603 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.01 min

Lab File: VV018455.D

Acq: 25 Sep 2020 15:07

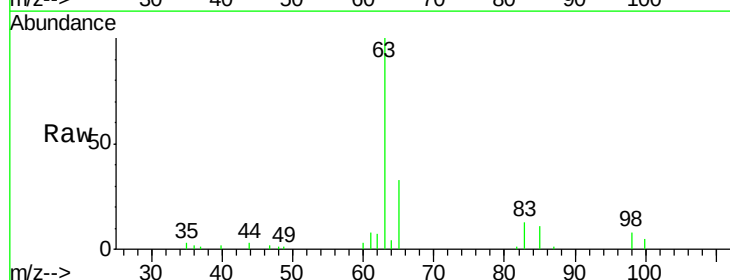
Tgt Ion: 63 Resp: 18842

Ion Ratio Lower Upper

63 100

65 32.5 22.5 41.7

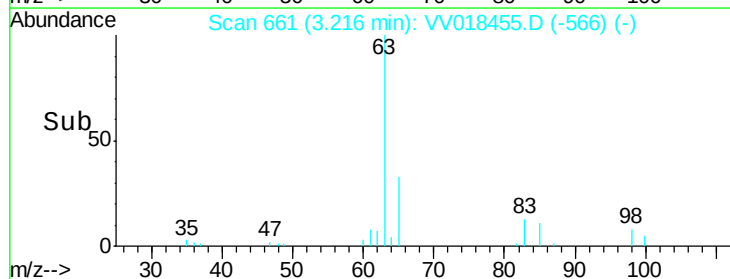
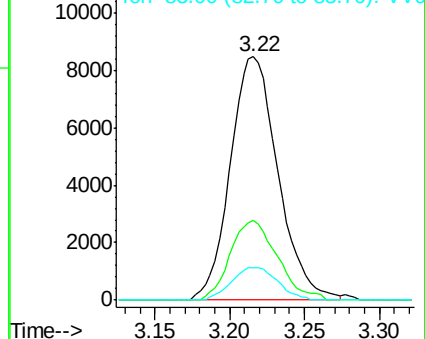
83 13.4 9.3 17.3

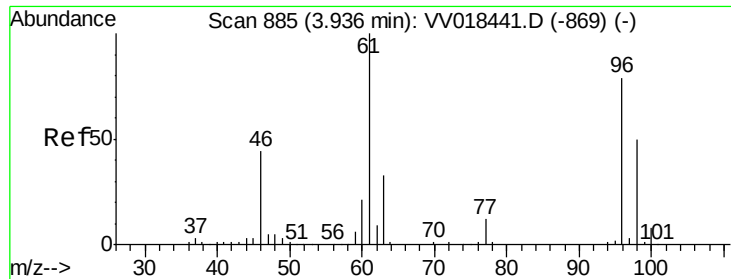


Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0





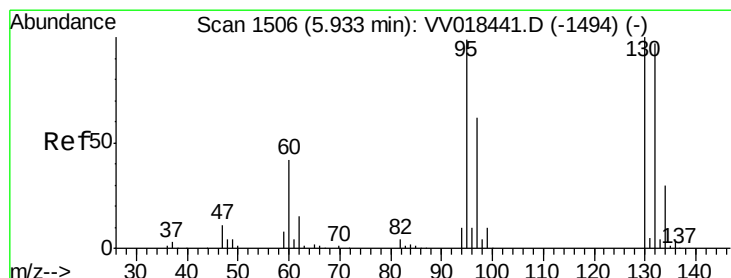
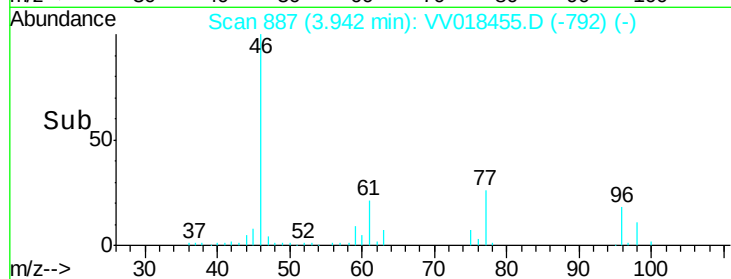
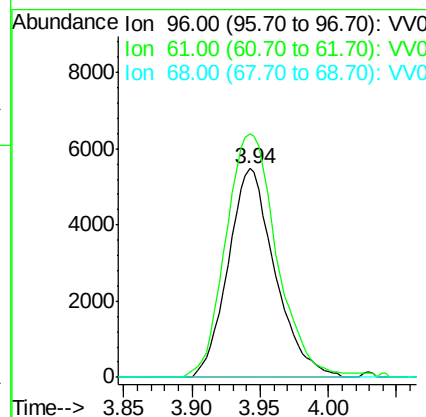
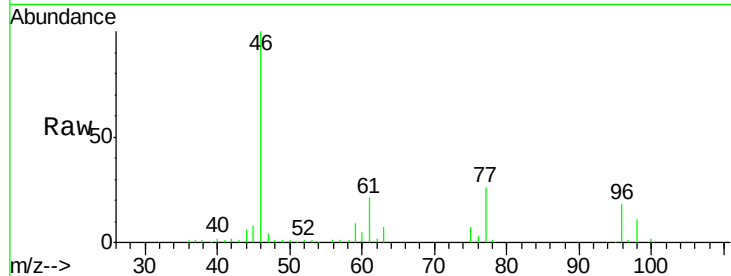
#20
 cis-1,2-Dichloroethene
 Concen: 4.422 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV018455.D
 Acq: 25 Sep 2020 15:07

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	116.8		93.6	173.8	
68	0.0		0.0	0.0	

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#34
 Trichloroethene
 Concen: 91.478 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: VV018455.D
 Acq: 25 Sep 2020 15:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100				
97	64.9		46.3	85.9	
132	97.9		68.1	126.5	
130	102.6		71.5	132.9	

