

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033120\
 Data File : VV015311.D
 Acq On : 31 Mar 2020 14:11
 Operator : SY/MD
 Sample : L1975-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTH5

Manual Integrations
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Quant Time: Apr 01 02:51:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 01 01:17:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	565701	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	559082	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	254147	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	185466	44.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.92%
7) Chloroethane-d5	1.58	69	178114	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.12	63	291281	32.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.50%
21) 2-Butanone-d5	3.93	46	324920m	120.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.46%
24) Chloroform-d	4.38	84	358002	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	5.06	65	248348	51.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.48%
32) Benzene-d6	5.08	84	699012	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.09	67	224751	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.48%
41) Toluene-d8	7.34	98	673560	47.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.64	79	120593	48.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.04%
47) 2-Hexanone-d5	8.11	63	284794	133.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	133.01%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	335712	49.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	242530	47.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.90%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	302156	63.371	ug/L 97
13) Acetone	2.21	43	30762	16.712	ug/L 56
19) 1,1-Dichloroethane	3.22	63	6494	0.993	ug/L # 90
20) cis-1,2-Dichloroethene	3.95	96	7603	1.929	ug/L # 88
22) 2-Butanone	4.02	43	78969	29.430	ug/L 99

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

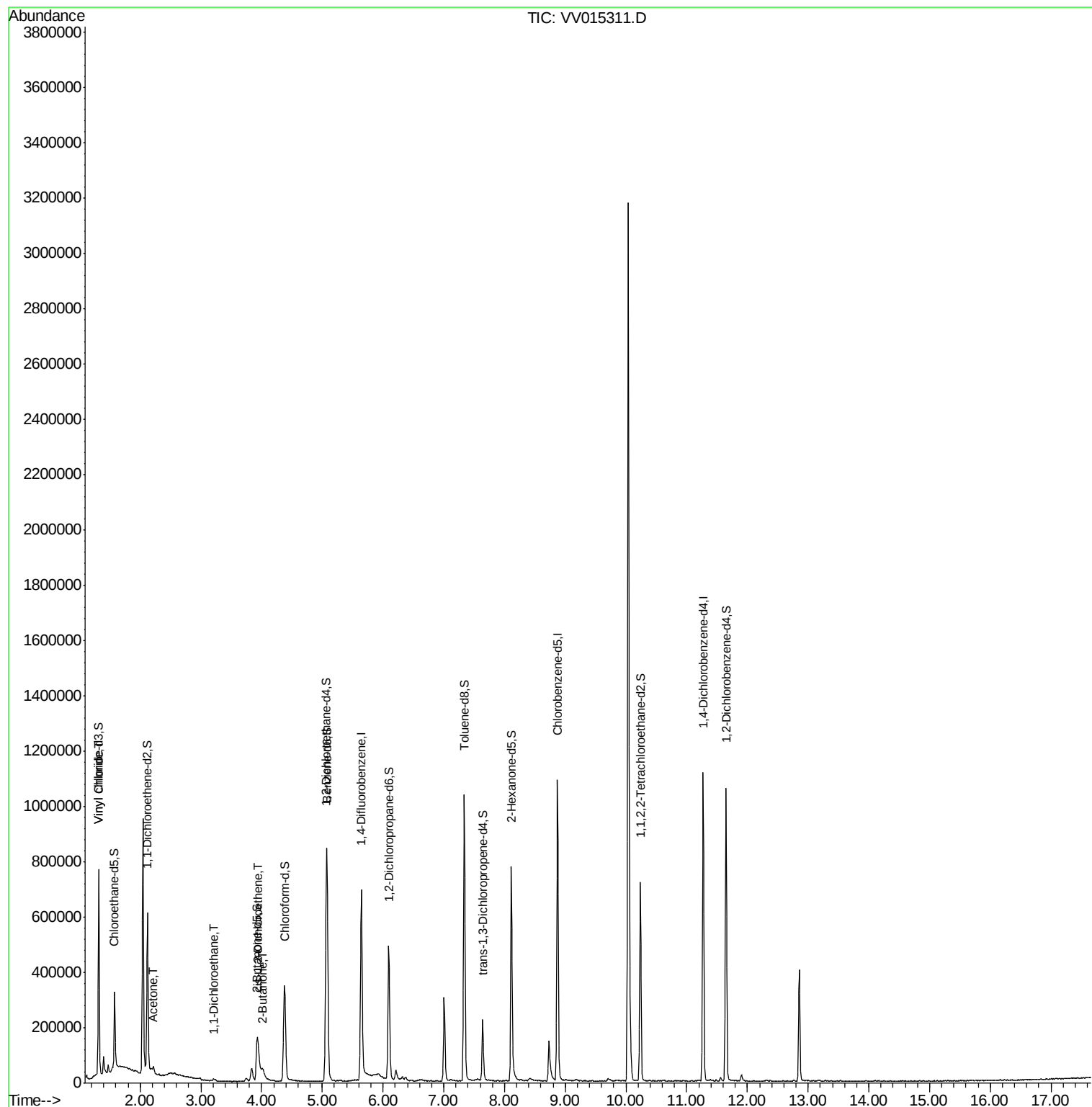
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033120\
Data File : VV015311.D
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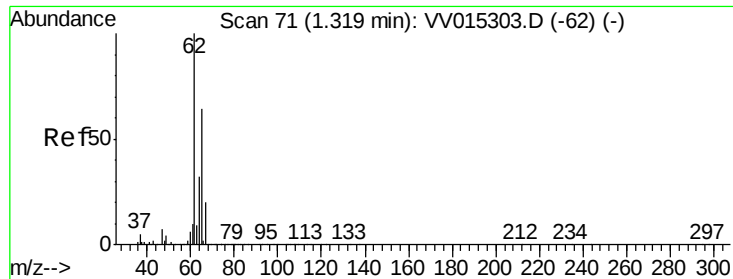
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Quant Time: Apr 01 02:51:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 01 01:17:34 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 63.371 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015311.D

Acq: 31 Mar 2020 14:11

Instrument :

MSVOA_V

ClientSampleId :

ETTH5

Tot Ion: 62 Resp: 302156

Ion Ratio Lower Upper

62 100

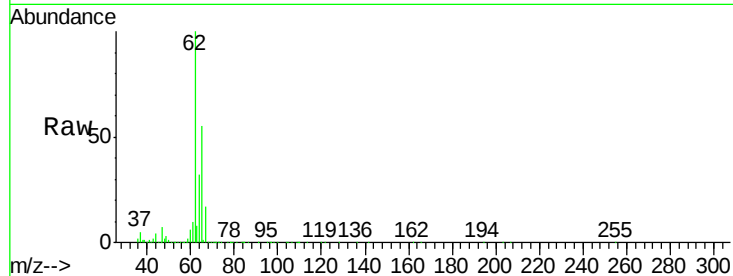
64 32.4 23.9 44.3

Manual Integrations

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Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

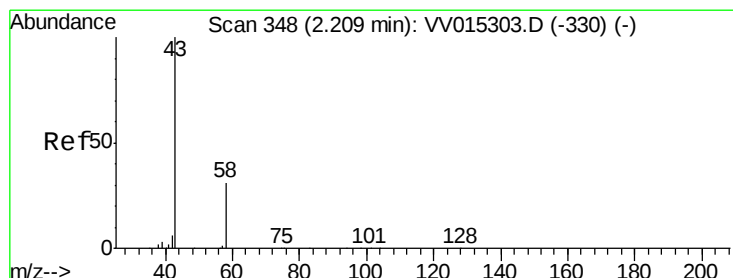
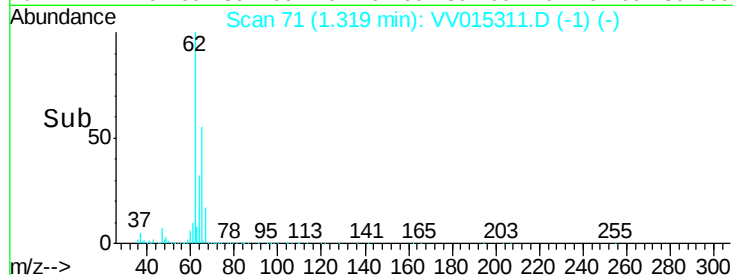
300000

200000

100000

0

Time-->



#13

Acetone

Concen: 16.712 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

Lab File: VV015311.D

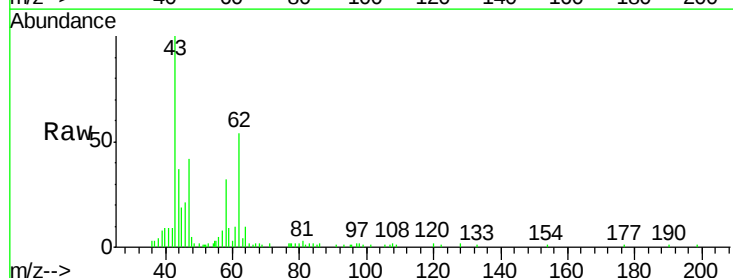
Acq: 31 Mar 2020 14:11

Tgt Ion: 43 Resp: 30762

Ion Ratio Lower Upper

43 100

58 7.3 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

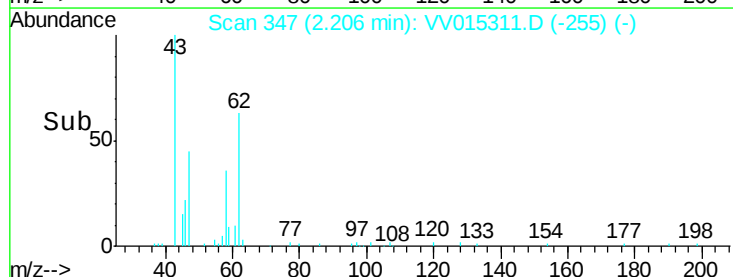
2.21

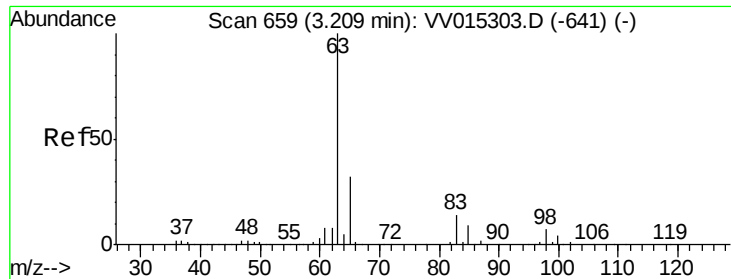
10000

5000

0

Time-->





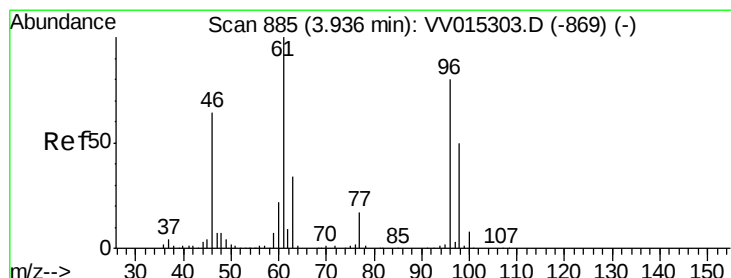
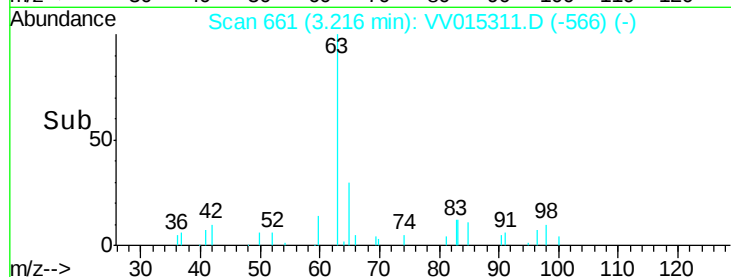
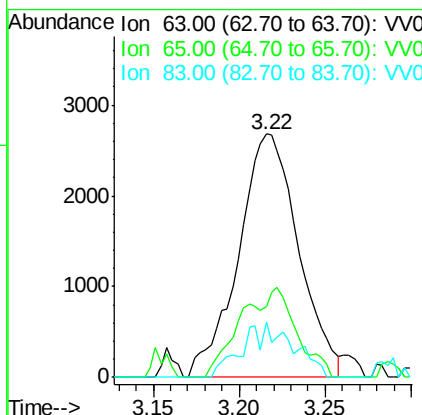
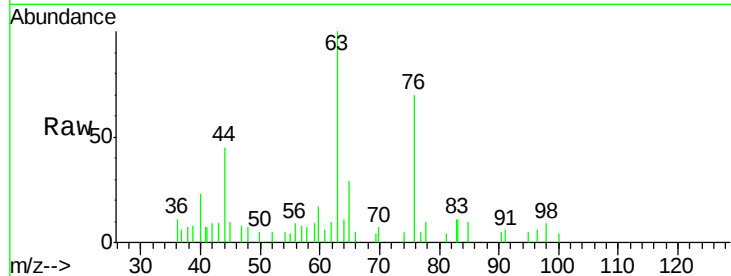
#19
 1,1-Dichloroethane
 Concen: 0.993 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VV015311.D
 Acq: 31 Mar 2020 14:11

Instrument :
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Tot Ion	Ratio	Lower	Upper
63	100		
65	28.9	22.2	41.2
83	22.8	9.7	18.1

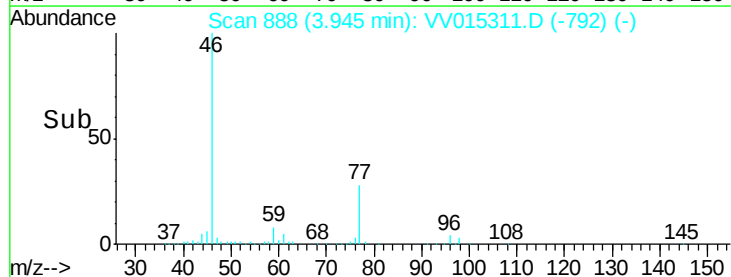
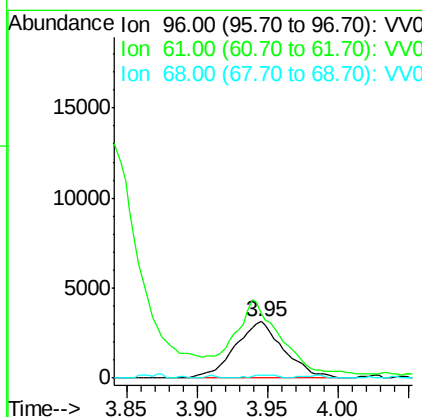
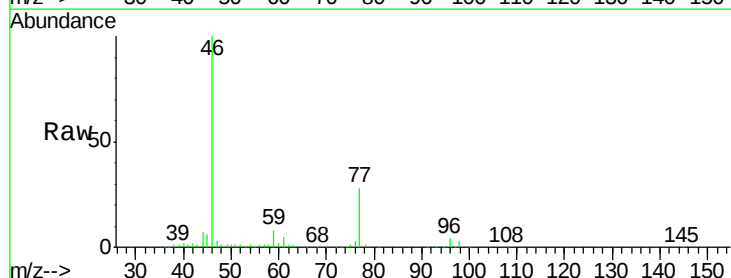
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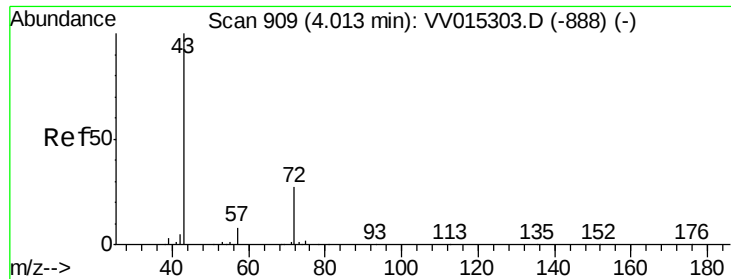
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#20
 cis-1,2-Dichloroethene
 Concen: 1.929 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV015311.D
 Acq: 31 Mar 2020 14:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	115.3	90.2	167.6
68	5.5	0.1	0.1





#22

2-Butanone

Concen: 29.430 ug/L

RT: 4.02 min Scan# 911

Delta R.T. 0.01 min

Lab File: VV015311.D

Acq: 31 Mar 2020 14:11

Instrument :
MSVOA_V
ClientSampleId :
ETTH5

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.0	12.4	37.0

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