

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018463.D
 Acq On : 25 Sep 2020 18:09
 Operator : SY/MD
 Sample : L4108-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P9

Quant Time: Sep 26 02:56:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 26 02:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	387868	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	371579	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	188267	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	133497	42.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.46%
7) Chloroethane-d5	1.58	69	110735	42.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.62%
11) 1,1-Dichloroethene-d2	2.12	63	187216	32.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.58%
21) 2-Butanone-d5	3.91	46	165006	85.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.28%
24) Chloroform-d	4.38	84	228482	41.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.32%
26) 1,2-Dichloroethane-d4	5.06	65	149183	42.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.86%
32) Benzene-d6	5.08	84	489263	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.98%
36) 1,2-Dichloropropane-d6	6.09	67	153283	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.70%
41) Toluene-d8	7.34	98	437367	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%
43) trans-1,3-Dichloropropene-	7.64	79	74848	43.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.16%
47) 2-Hexanone-d5	8.11	63	100086	78.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	173872	40.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	183435	47.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.88%

Target Compounds

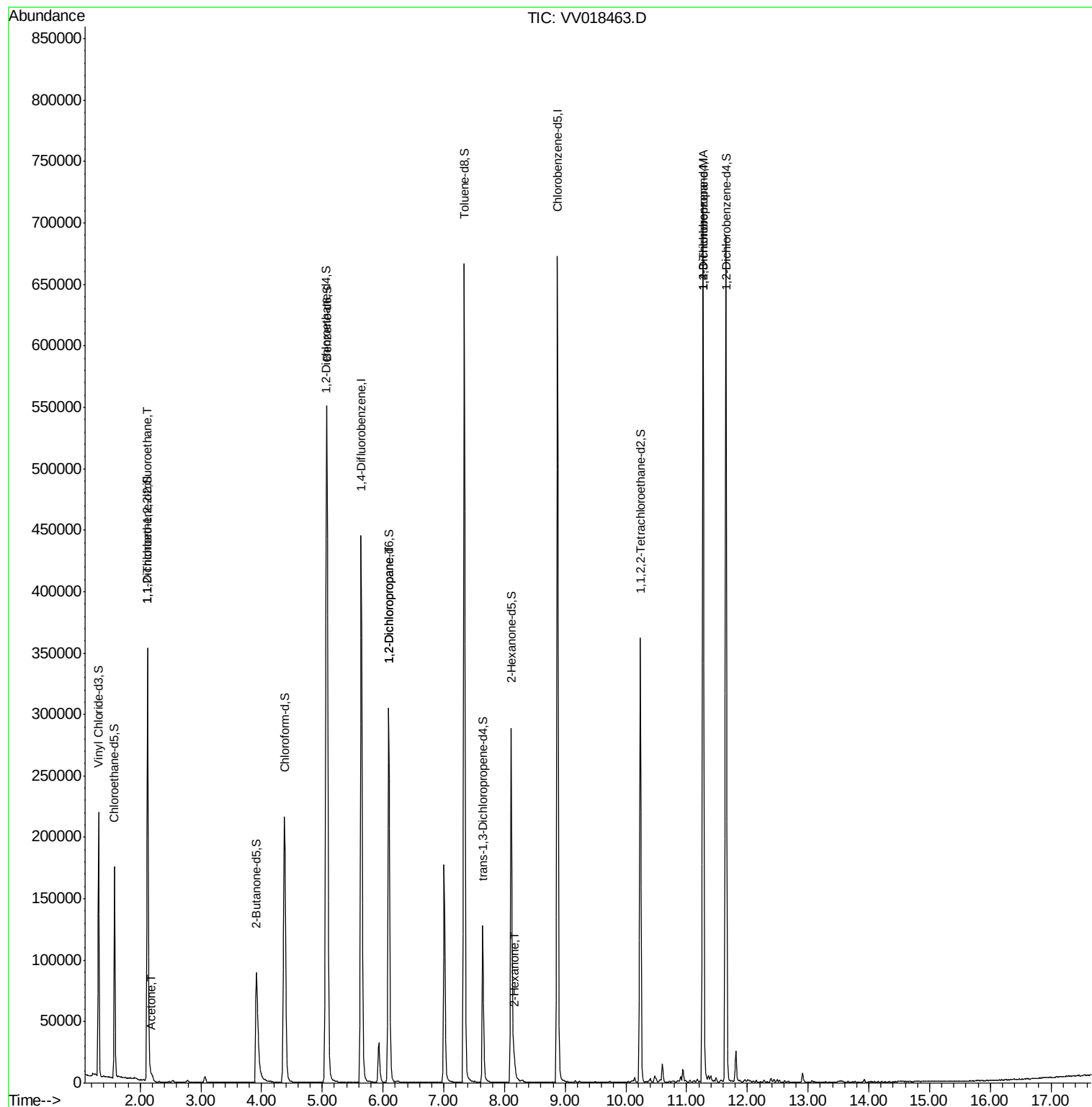
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1789	0.684 ug/L #	19
13) Acetone	2.20	43	5935	3.831 ug/L	94
37) 1,2-Dichloropropane	6.09	63	16209	5.758 ug/L #	87
48) 2-Hexanone	8.16	43	10761	3.997 ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	20732	6.261 ug/L	93

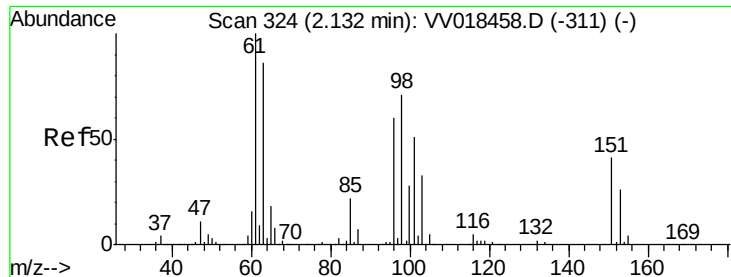
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 26 02:48:35 2020
Response via : Initial Calibration





#10

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

Concen: 0.684 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018463.D

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MSVOA_V

ClientSampleId :

BG3P9

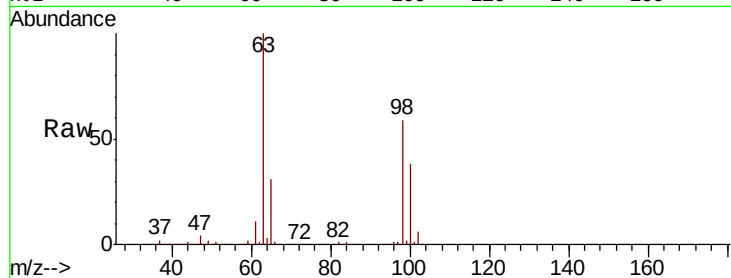
Tot Ion:101 Resp: 1789

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

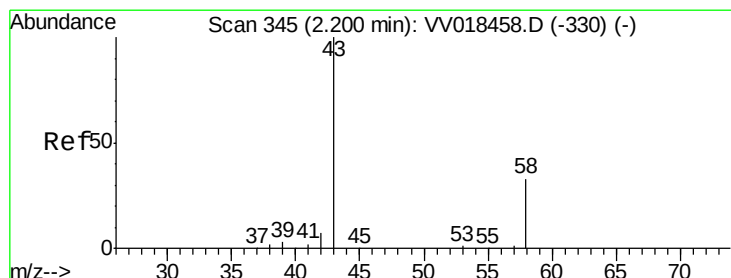
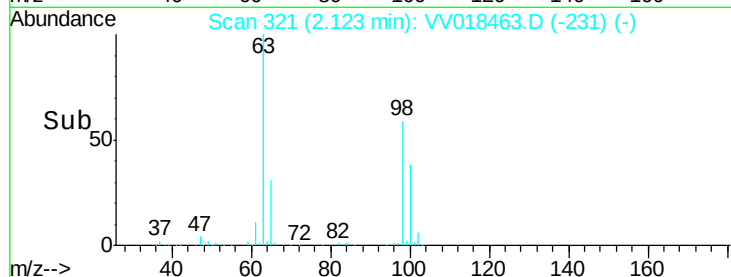
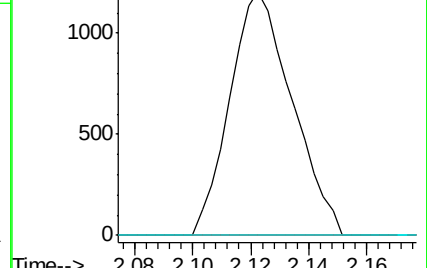
151 0.0 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.831 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV018463.D

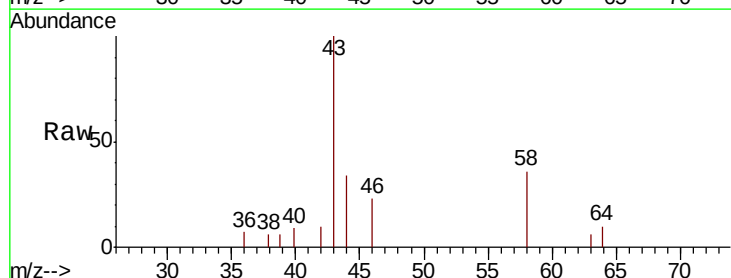
Acq: 25 Sep 2020 18:09

Tgt Ion: 43 Resp: 5935

Ion Ratio Lower Upper

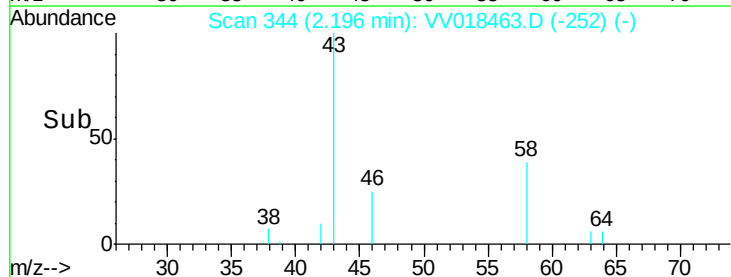
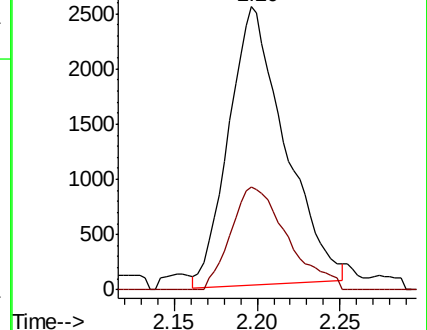
43 100

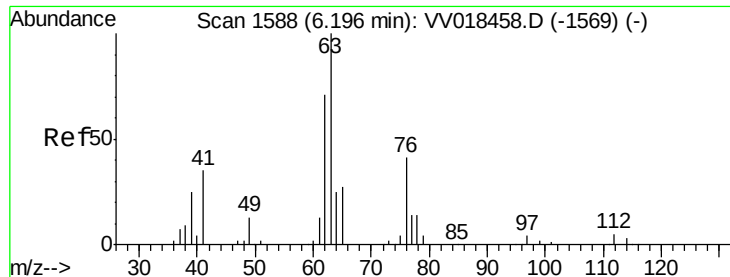
58 37.3 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

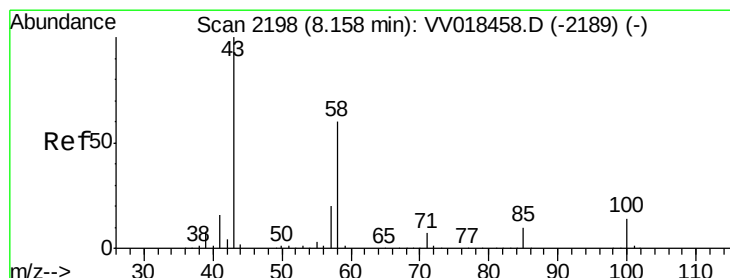
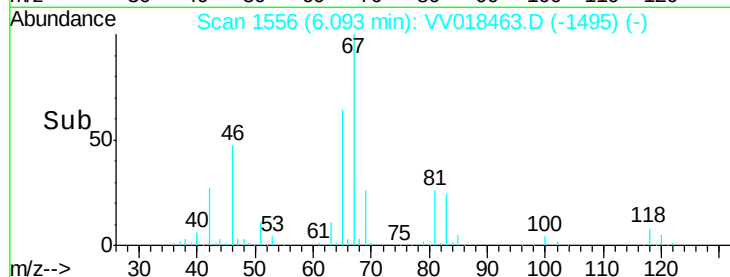
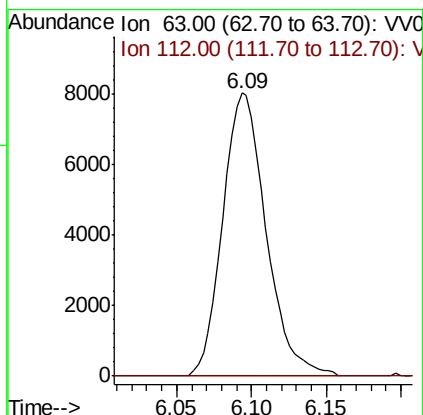
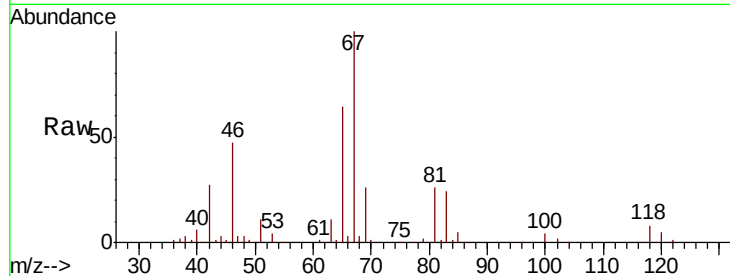




#37
 1,2-Dichloropropane
 Concen: 5.758 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018463.D
 Acq: 25 Sep 2020 18:09

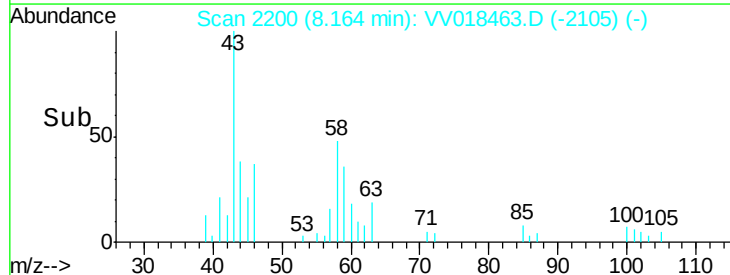
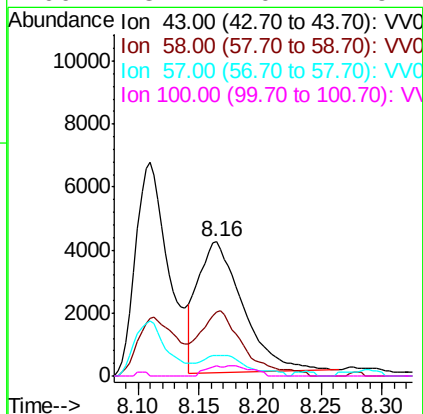
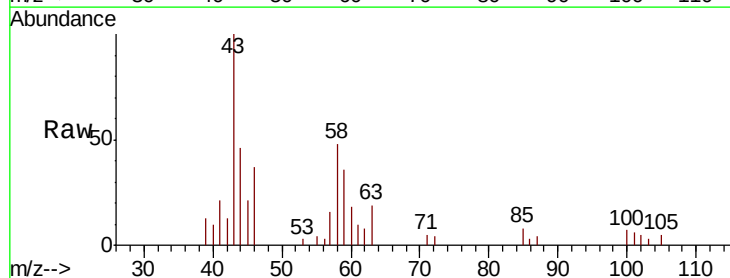
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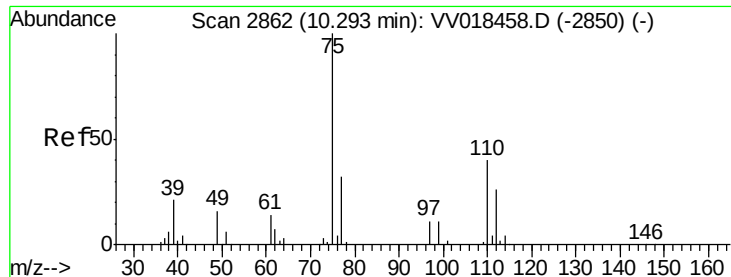
Tot Ion: 63 Resp: 16209
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#48
 2-Hexanone
 Concen: 3.997 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018463.D
 Acq: 25 Sep 2020 18:09

Tgt Ion: 43 Resp: 10761
 Ion Ratio Lower Upper
 43 100
 58 45.5 44.8 67.2
 57 2.0 15.8 23.6#
 100 3.2 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.261 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018463.D

Acq: 25 Sep 2020 18:09

Instrument :

MSVOA_V

ClientSampleId :

BG3P9

Tot Ion: 75 Resp: 20732

Ion Ratio Lower Upper

75 100

77 36.3 25.8 38.6

