

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017763.D
 Acq On : 30 Jul 2020 22:12
 Operator : SY/MD
 Sample : L3486-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y32

Quant Time: Jul 31 02:40:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 02:37:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	314988	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	298433	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146386	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67709	44.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.16%
7) Chloroethane-d5	1.58	69	60590	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.12	63	124058	33.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.22%
21) 2-Butanone-d5	3.91	46	112911	97.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.76%
24) Chloroform-d	4.37	84	193035	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.98%
26) 1,2-Dichloroethane-d4	5.05	65	148258	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
32) Benzene-d6	5.07	84	344054	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.46%
36) 1,2-Dichloropropane-d6	6.09	67	94793	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.22%
41) Toluene-d8	7.34	98	322445	46.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.14%
43) trans-1,3-Dichloropropene-	7.64	79	57154	44.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.70%
47) 2-Hexanone-d5	8.11	63	79294	94.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.61%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	131750	44.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	145147	50.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.02%

Target Compounds

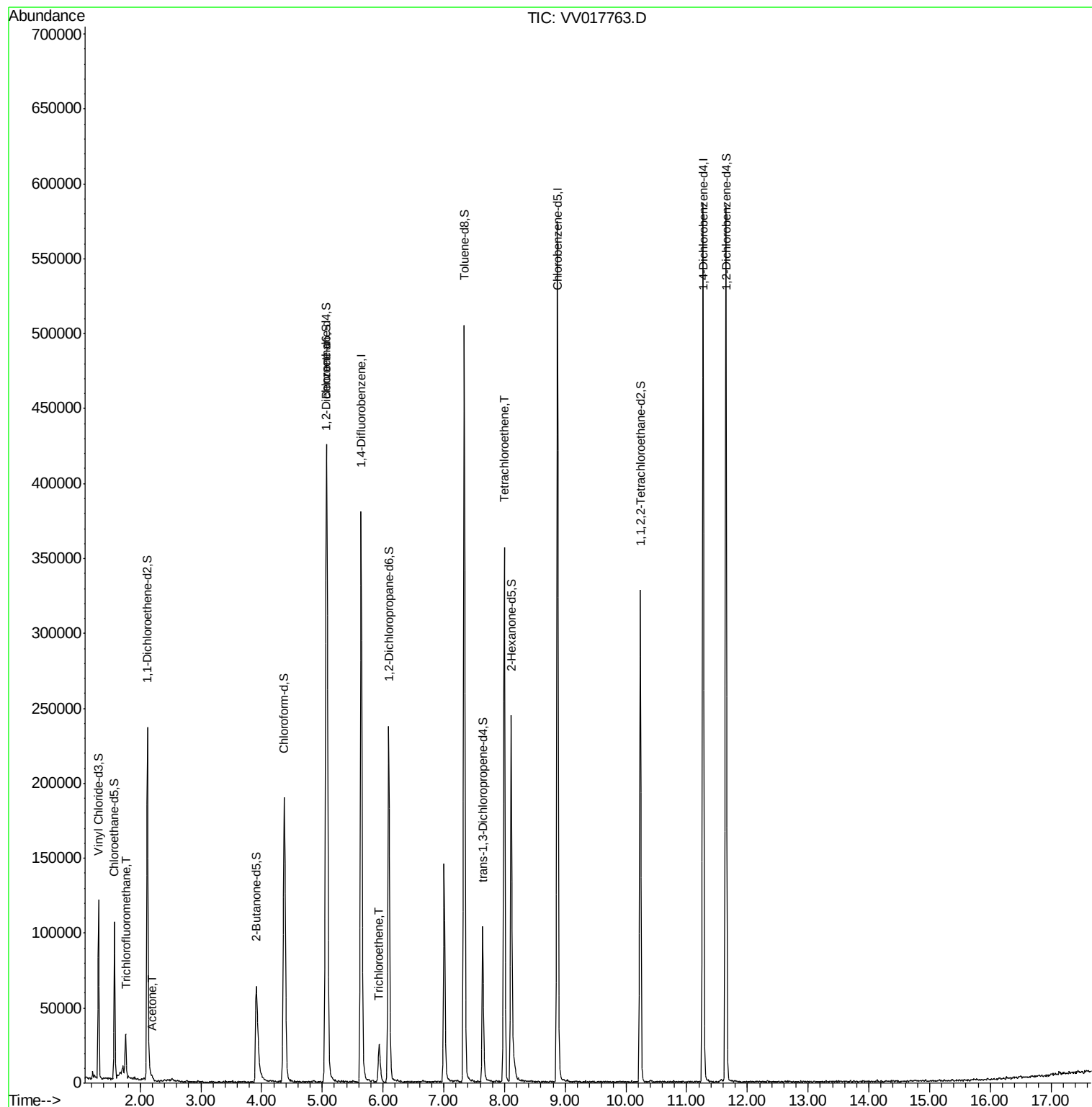
					Ovalue
9) Trichlorofluoromethane	1.76	101	15509	3.534	ug/L 100
13) Acetone	2.20	43	2646	1.804	ug/L 84
34) Trichloroethene	5.94	95	5905	2.567	ug/L 94
46) Tetrachloroethene	8.00	164	78989	38.755	ug/L 98

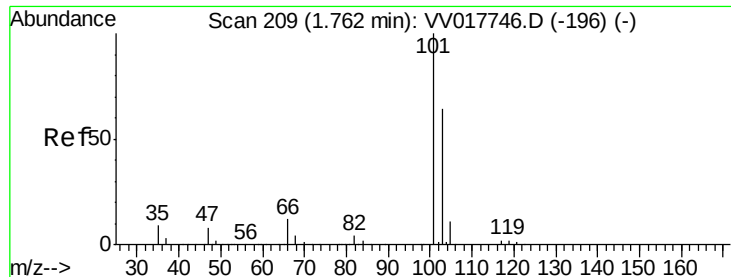
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 3.534 ug/L

RT: 1.76 min Scan# 208

Delta R.T. -0.00 min

Lab File: VV017763.D

Acq: 30 Jul 2020 22:12

Instrument :

MSVOA_V

ClientSampleId :

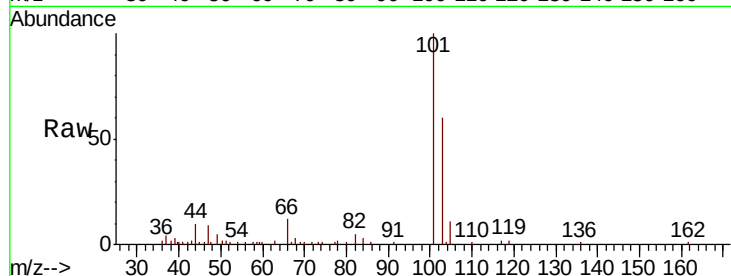
C0Y32

Tot Ion:101 Resp: 15509

Ion Ratio Lower Upper

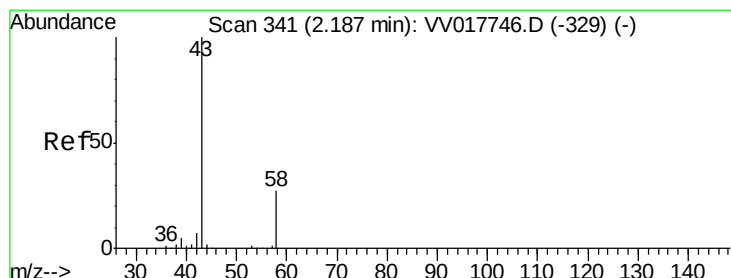
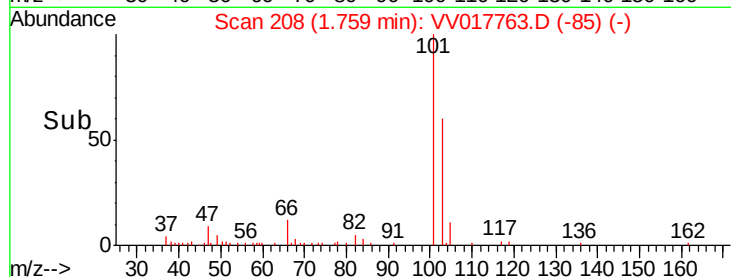
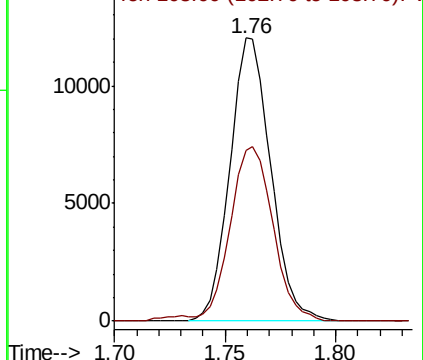
101 100

103 64.4 51.6 77.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 1.804 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

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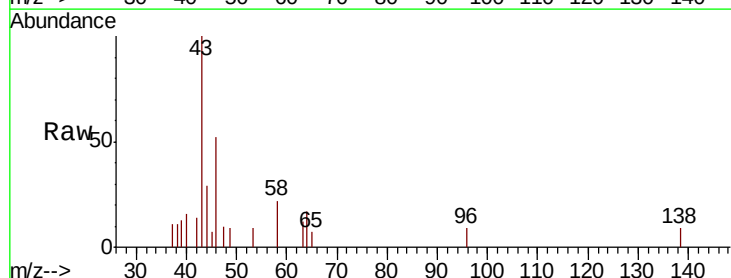
Acq: 30 Jul 2020 22:12

Tgt Ion: 43 Resp: 2646

Ion Ratio Lower Upper

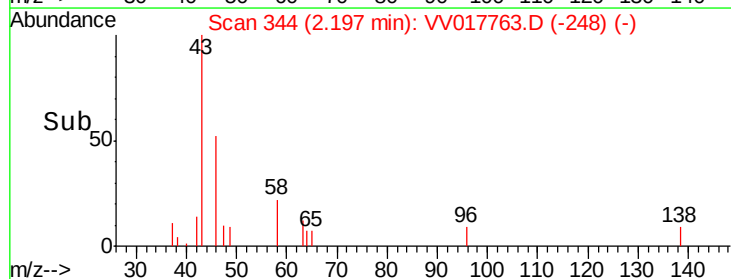
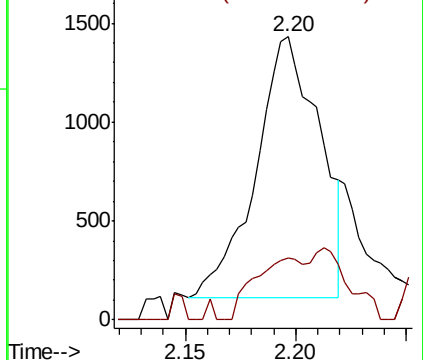
43 100

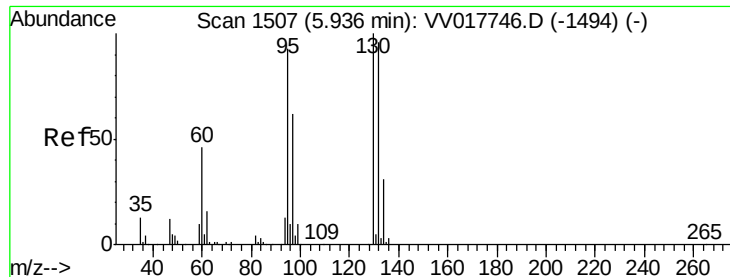
58 18.1 0.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#34

Trichloroethene

Concen: 2.567 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017763.D

Acq: 30 Jul 2020 22:12

Instrument :

MSVOA_V

ClientSampleId :

C0Y32

Tot Ion: 95 Resp: 5905

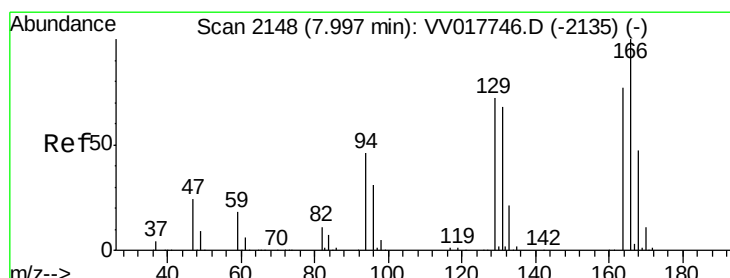
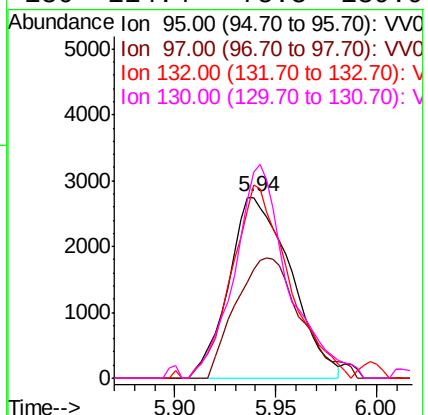
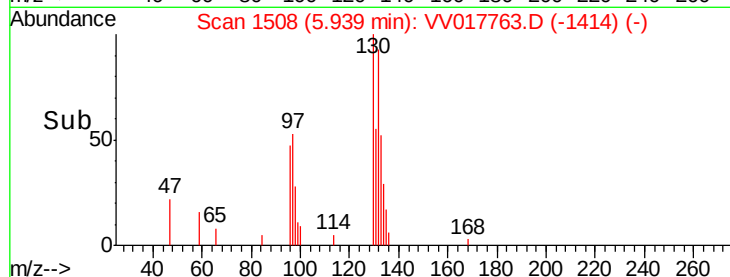
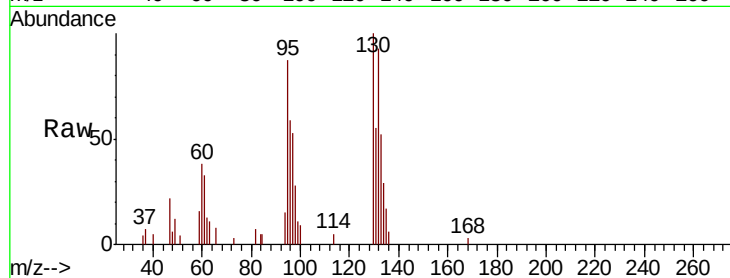
Ion Ratio Lower Upper

95 100

97 60.3 45.3 84.1

132 106.8 71.4 132.6

130 114.4 75.3 139.9



#46

Tetrachloroethene

Concen: 38.755 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017763.D

Acq: 30 Jul 2020 22:12

Tgt Ion:164 Resp: 78989

Ion Ratio Lower Upper

164 100

129 91.9 63.9 118.7

131 87.4 62.6 116.3

166 128.4 88.3 164.1

