

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015359.D
 Acq On : 02 Apr 2020 05:25
 Operator : SY/MD
 Sample : L2064-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y03

Quant Time: Apr 02 07:18:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 06:34:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	683714	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	641435	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	287932	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	228575	37.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.56%
7) Chloroethane-d5	1.58	69	206853	39.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.12	63	343892	31.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.76%
21) 2-Butanone-d5	3.94	46	298148	91.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.50%
24) Chloroform-d	4.38	84	431191	42.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.06	65	277796	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.12%
32) Benzene-d6	5.08	84	877736	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.86%
36) 1,2-Dichloropropane-d6	6.09	67	266153	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.40%
41) Toluene-d8	7.34	98	834569	44.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.36%
43) trans-1,3-Dichloropropene-	7.64	79	133611	41.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.04%
47) 2-Hexanone-d5	8.12	63	232838	87.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	376467	45.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	308818	47.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.30%

Target Compounds

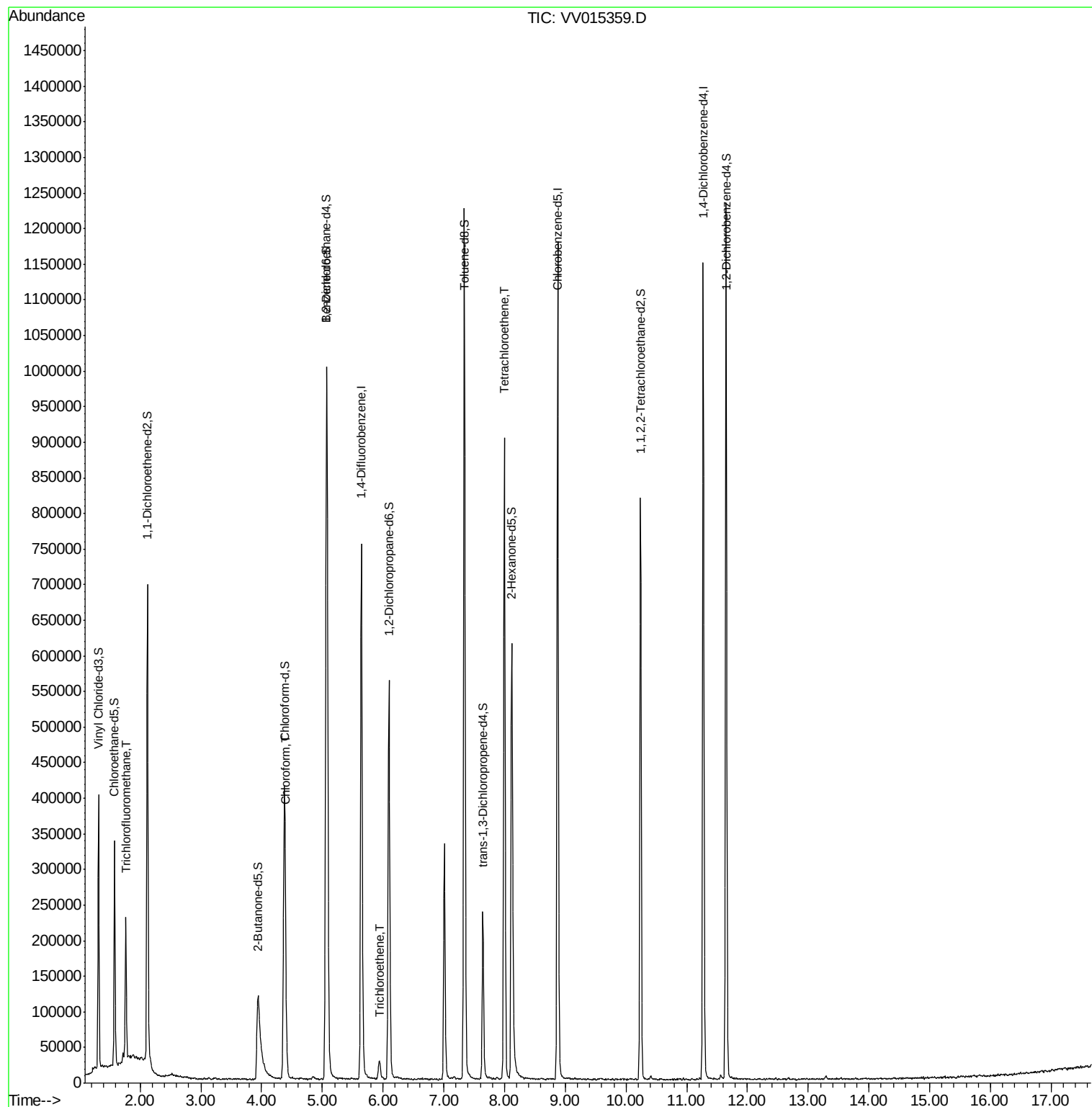
					Ovalue
9) Trichlorofluoromethane	1.76	101	113607	9.845 ug/L	99
25) Chloroform	4.40	83	12215	1.325 ug/L	79
34) Trichloroethene	5.94	95	6641	1.321 ug/L	96
46) Tetrachloroethene	8.00	164	191863	53.237 ug/L	97

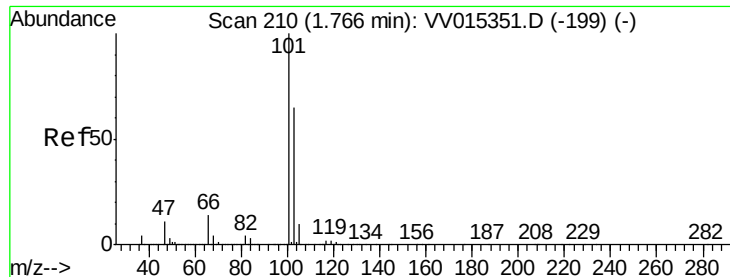
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 9.845 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

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Acq: 02 Apr 2020 05:25

Instrument :

MSVOA_V

ClientSampleId :

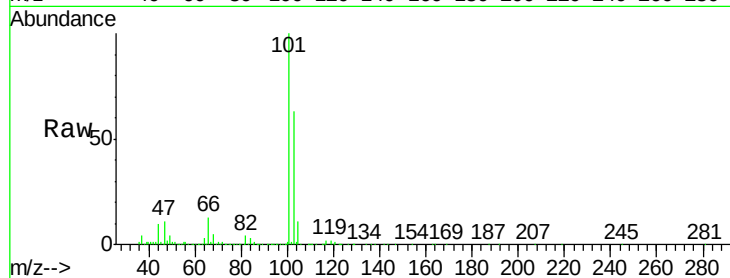
C0Y03

Tot Ion:101 Resp: 113607

Ion Ratio Lower Upper

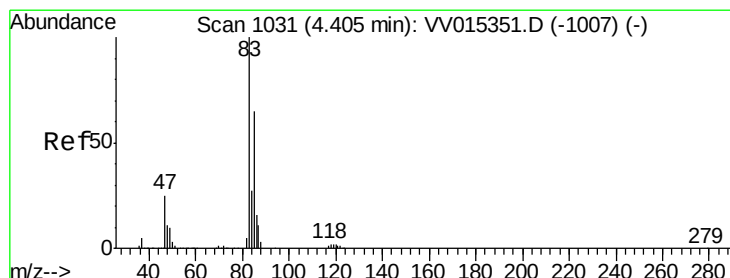
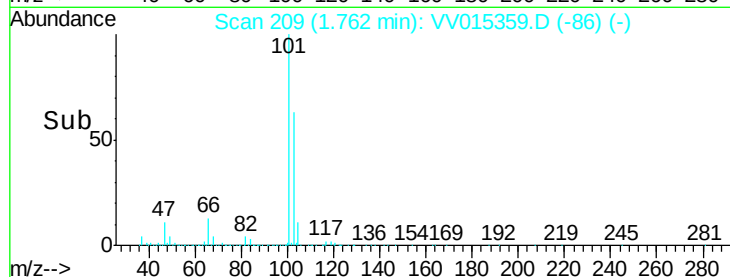
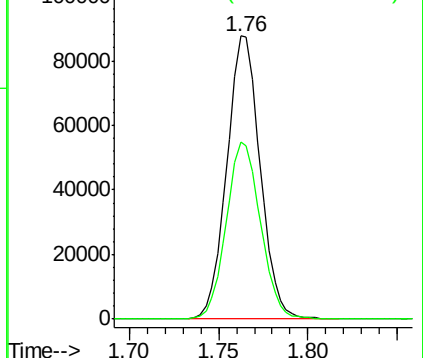
101 100

103 64.5 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#25

Chloroform

Concen: 1.325 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.01 min

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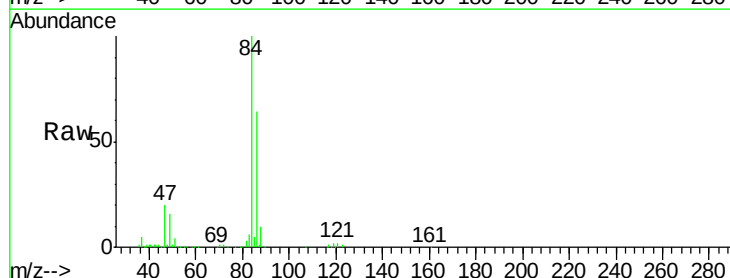
Acq: 02 Apr 2020 05:25

Tgt Ion: 83 Resp: 12215

Ion Ratio Lower Upper

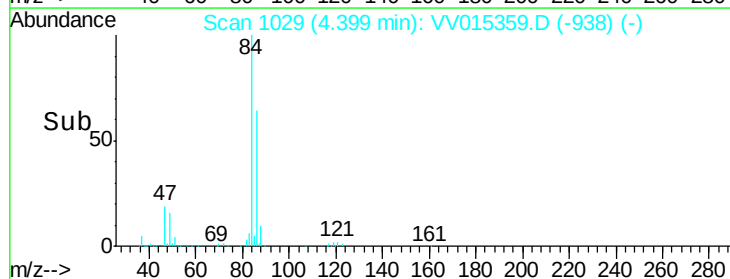
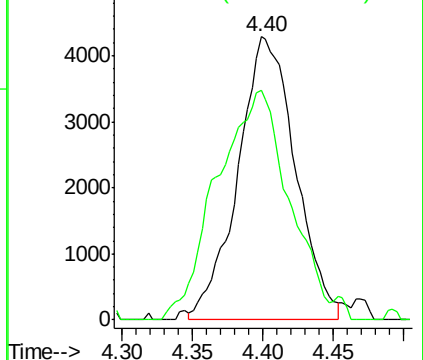
83 100

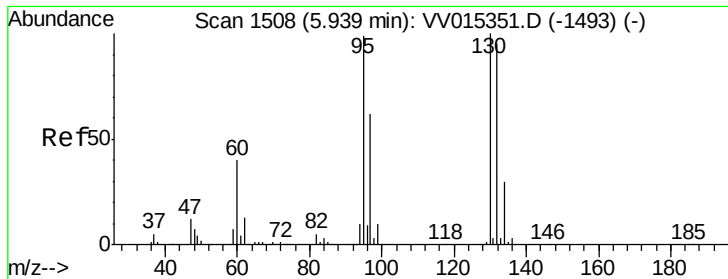
85 80.9 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 1.321 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV015359.D

Acq: 02 Apr 2020 05:25

Instrument :

MSVOA_V

ClientSampleId :

C0Y03

Tot Ion: 95 Resp: 6641

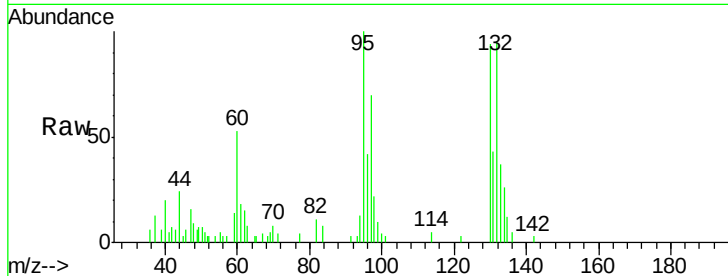
Ion Ratio Lower Upper

95 100

97 70.0 45.4 84.2

132 95.1 66.8 124.2

130 94.1 69.4 128.8

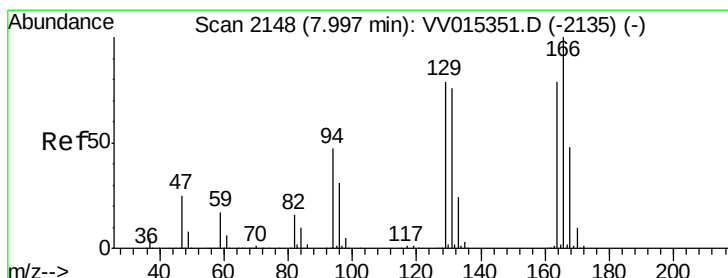
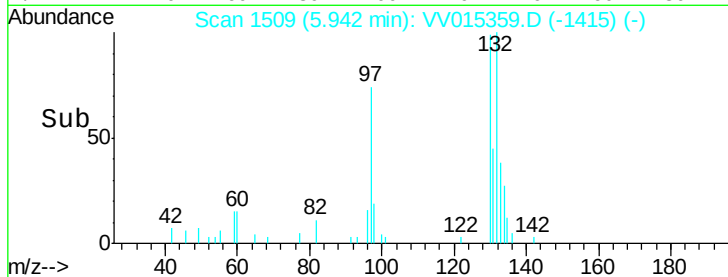
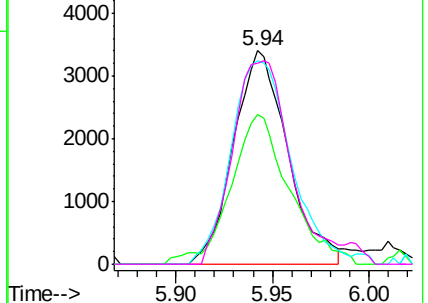


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#46

Tetrachloroethene

Concen: 53.237 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

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Acq: 02 Apr 2020 05:25

Tgt Ion: 164 Resp: 191863

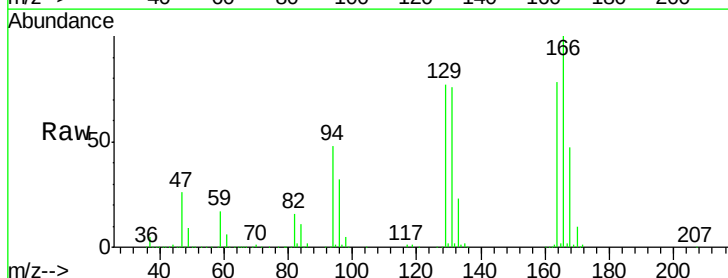
Ion Ratio Lower Upper

164 100

129 97.8 73.8 137.0

131 97.3 69.4 129.0

166 127.8 89.7 166.7



Abundance Ion 164.00 (163.70 to 164.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0

