

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014862.D
 Acq On : 12 Mar 2020 12:51
 Operator : SY/MD
 Sample : L1858-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFRF9

Quant Time: Mar 13 03:29:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 12 12:52:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	415440	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	401163	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	192133	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	119944	42.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.32%
7) Chloroethane-d5	1.58	69	93713	42.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.32%
11) 1,1-Dichloroethene-d2	2.12	63	151465	32.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.84%
21) 2-Butanone-d5	3.93	46	143428	68.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.40%
24) Chloroform-d	4.38	84	243195	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.36%
26) 1,2-Dichloroethane-d4	5.06	65	162754	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.02%
32) Benzene-d6	5.08	84	497772	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
36) 1,2-Dichloropropane-d6	6.10	67	150761	42.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.88%
41) Toluene-d8	7.34	98	480502	46.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.64%
43) trans-1,3-Dichloropropene-	7.64	79	72289	42.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.34%
47) 2-Hexanone-d5	8.12	63	136552	87.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	211256	43.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	195857	51.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.86%

Target Compounds

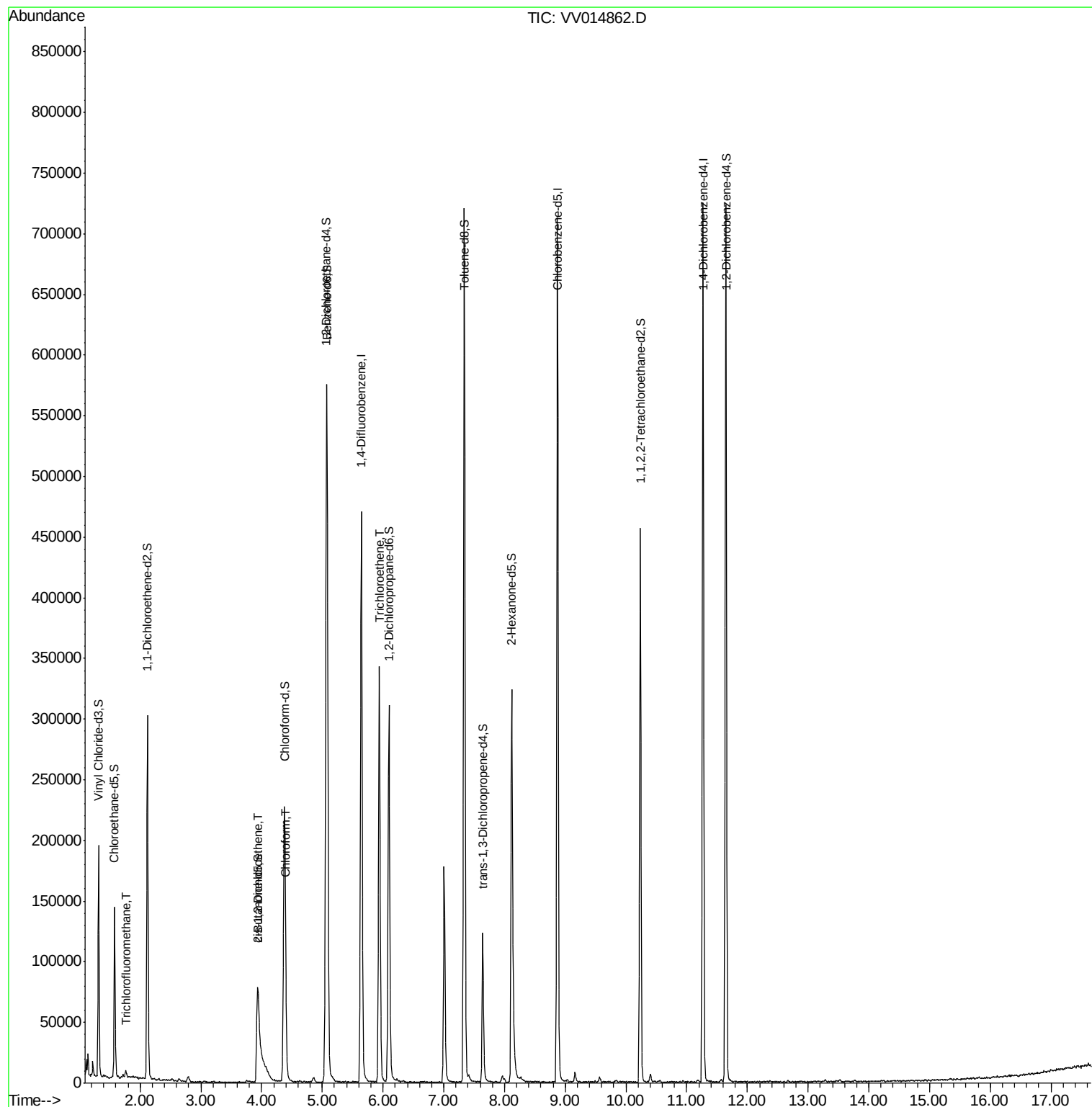
					Ovalue
9) Trichlorofluoromethane	1.76	101	3118	0.696 ug/L	89
20) cis-1,2-Dichloroethene	3.95	96	12725	4.081 ug/L	86
25) Chloroform	4.41	83	7602	1.348 ug/L	91
34) Trichloroethene	5.94	95	117380	38.648 ug/L	95

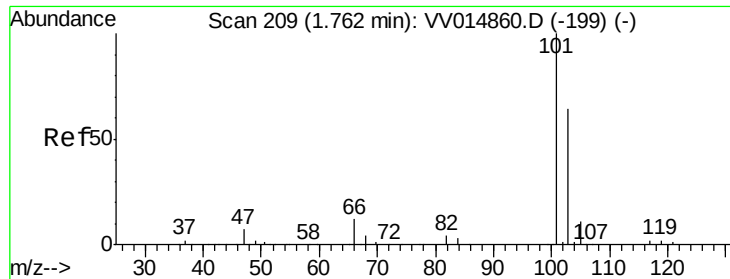
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.696 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

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Acq: 12 Mar 2020 12:51

Instrument :

MSVOA_V

ClientSampled :

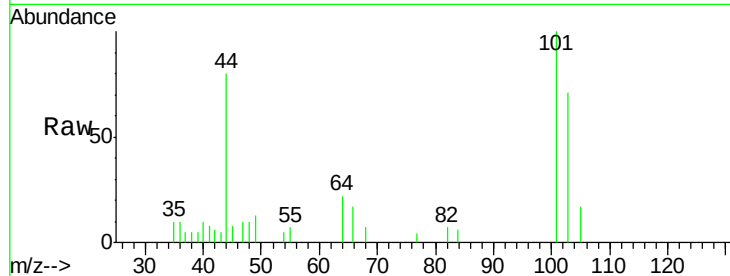
BFRF9

Tot Ion:101 Resp: 3118

Ion Ratio Lower Upper

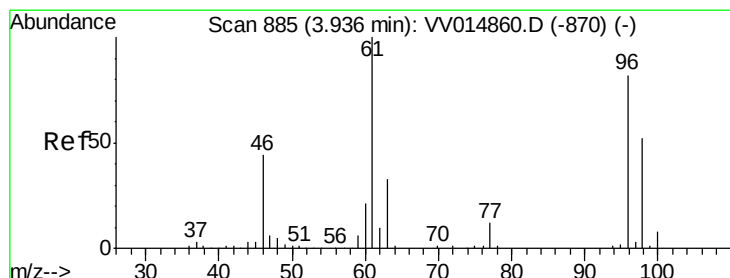
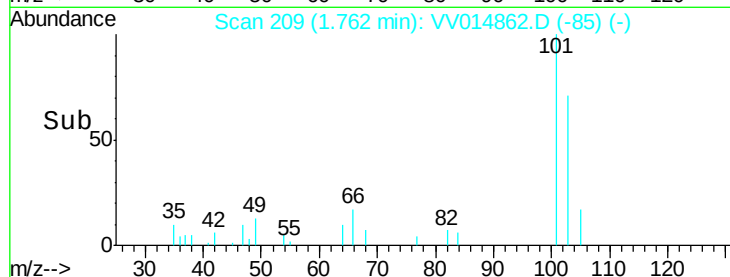
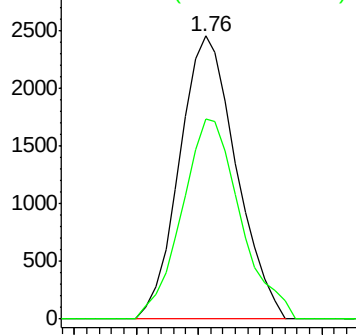
101 100

103 73.2 51.8 77.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#20

cis-1,2-Dichloroethene

Concen: 4.081 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV014862.D

Acq: 12 Mar 2020 12:51

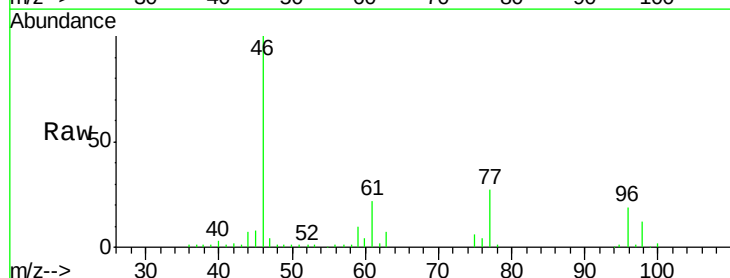
Tgt Ion: 96 Resp: 12725

Ion Ratio Lower Upper

96 100

61 115.4 92.2 171.2

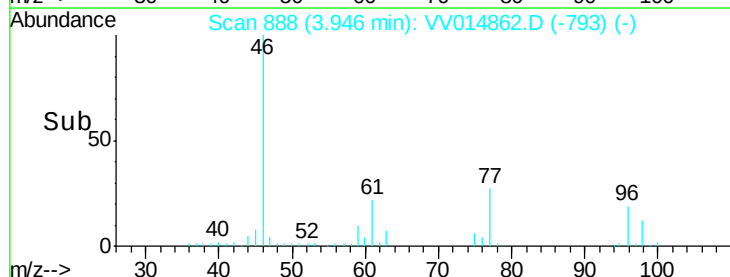
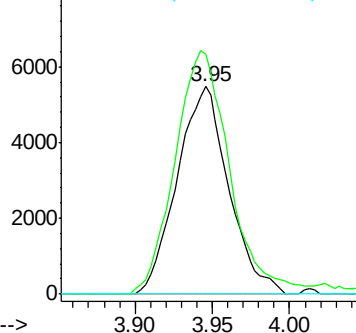
68 0.0 0.0 0.0

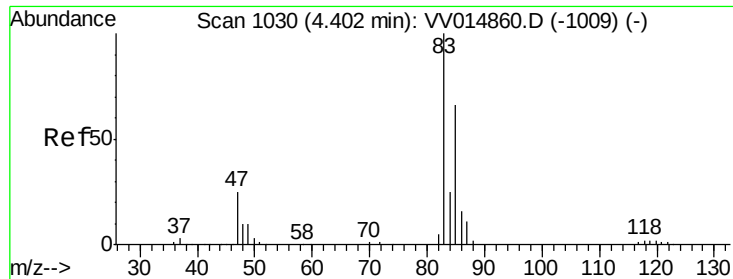


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

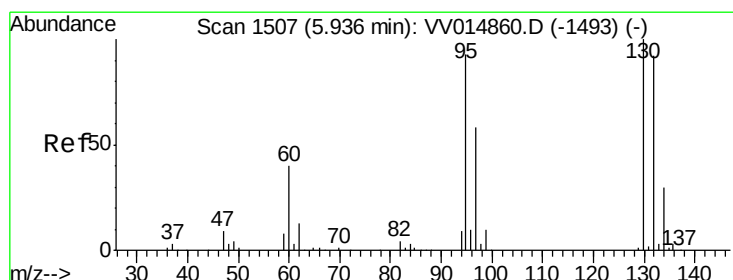
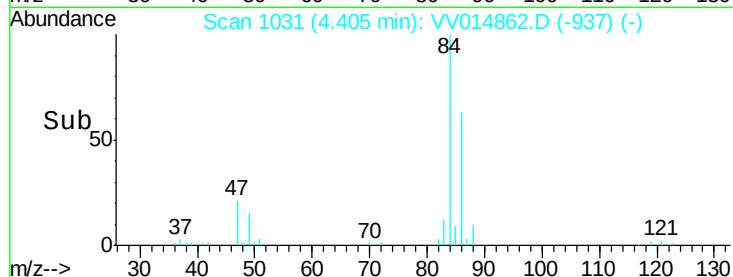
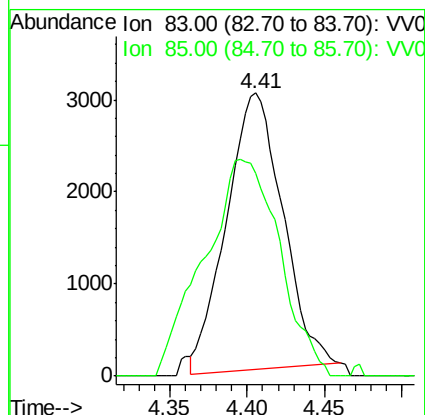
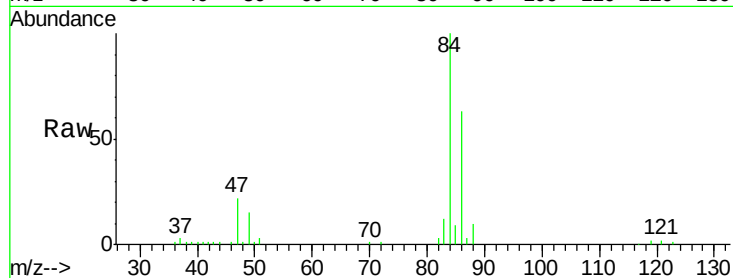




#25
Chloroform
Concen: 1.348 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
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Tot Ion: 83 Resp: 7602
Ion Ratio Lower Upper
83 100
85 71.7 45.1 83.9



#34
Trichloroethene
Concen: 38.648 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV014862.D
Acq: 12 Mar 2020 12:51

Tgt Ion: 95 Resp: 117380
Ion Ratio Lower Upper
95 100
97 63.2 43.8 81.4
132 100.6 65.8 122.2
130 107.5 70.6 131.2

