

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015760.D
 Acq On : 28 Apr 2020 20:44
 Operator : SY/MD
 Sample : L2421-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSC2

Quant Time: Apr 29 03:30:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 00:40:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	120543	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	119592	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54918	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23055	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.58	69	26705	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.12	63	39419	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	3.92	46	105926	52.37	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.74%
24) Chloroform-d	4.38	84	68138	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.06	65	42865	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.08	84	132089	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.10	67	43868	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.34	98	117661	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.65	79	12648	3.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.60%
46) 2-Hexanone-d5	8.11	63	71338	41.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31838	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	47370	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

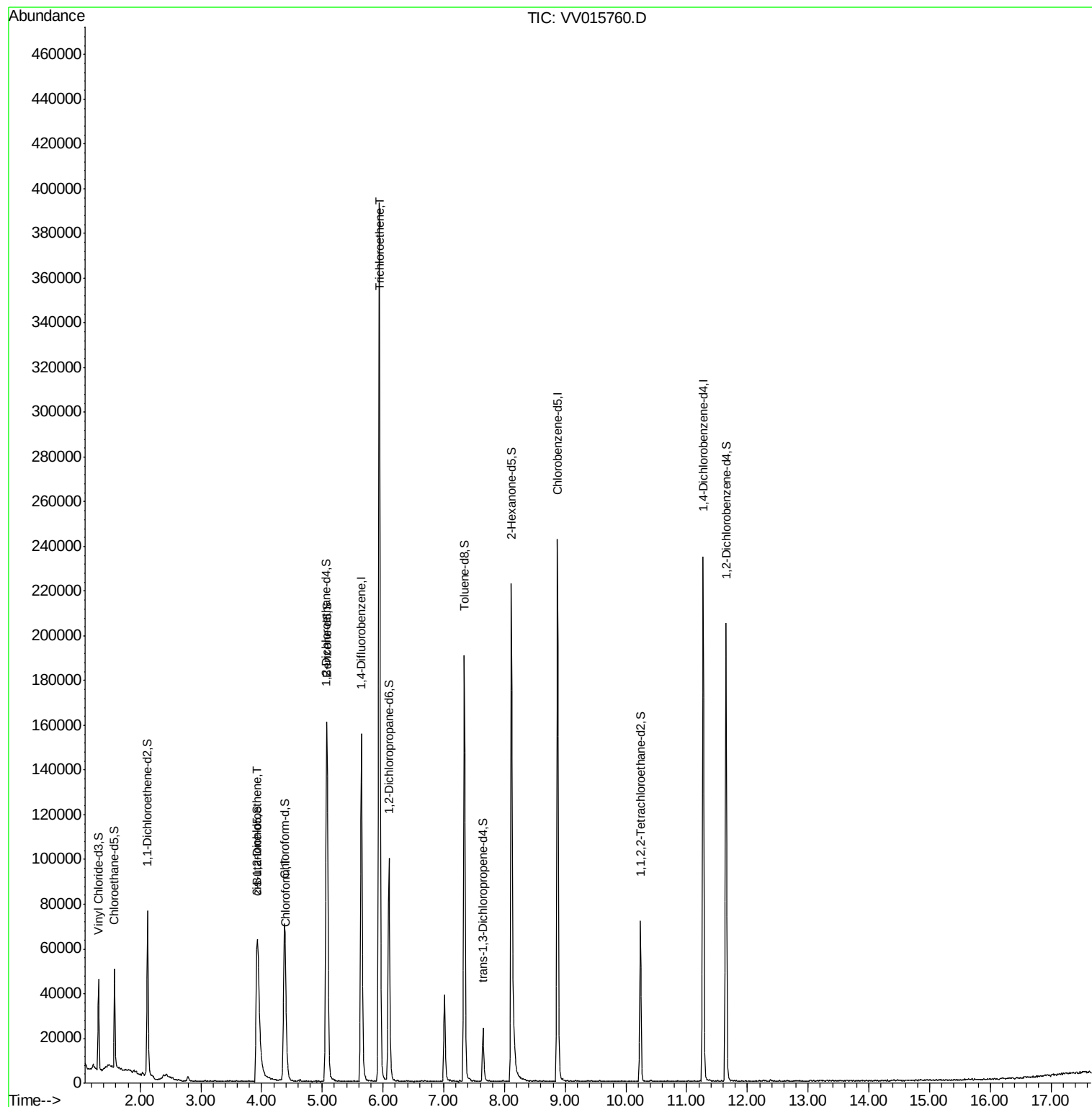
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	3.94	96	6402	0.737 ug/L	97
25) Chloroform	4.41	83	12017	0.734 ug/L	94
34) Trichloroethene	5.94	95	133260	14.122 ug/L	98

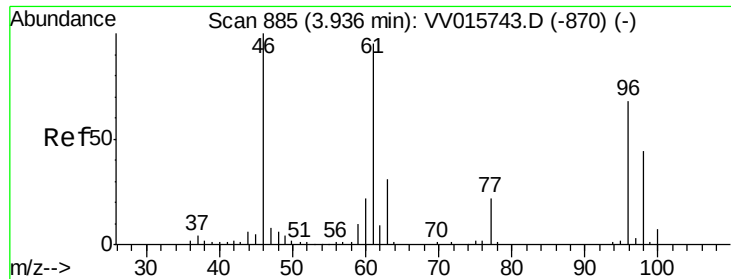
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.737 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

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Acq: 28 Apr 2020 20:44

Instrument :

MSVOA_V

ClientSampleId :

BFSC2

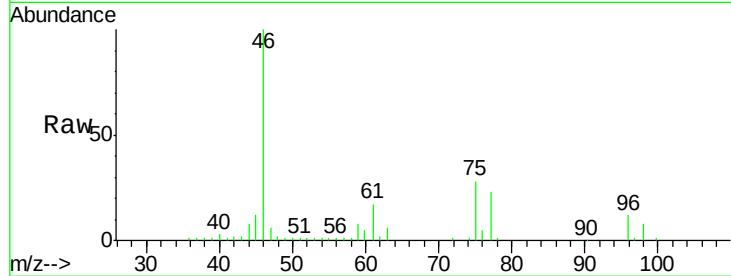
Tot Ion: 96 Resp: 6402

Ion Ratio Lower Upper

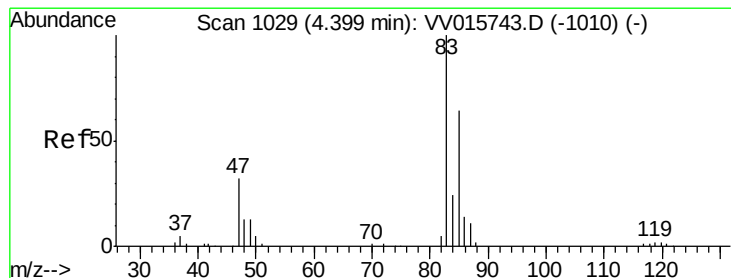
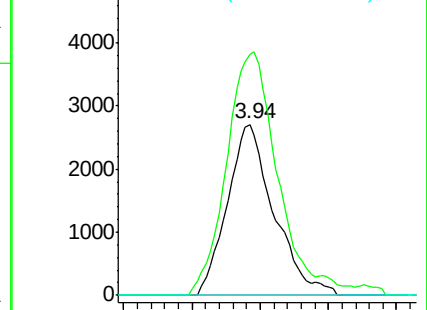
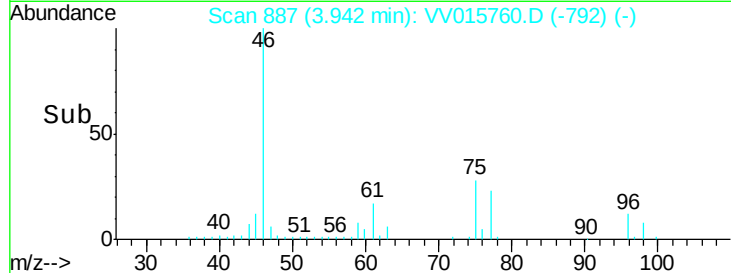
96 100

61 141.4 96.4 179.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV015760.D (-792) (-)



#25

Chloroform

Concen: 0.734 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV015760.D

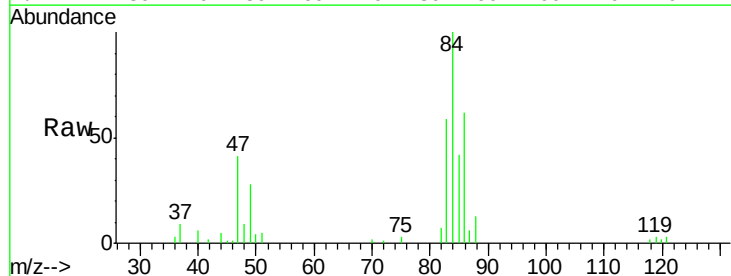
Acq: 28 Apr 2020 20:44

Tgt Ion: 83 Resp: 12017

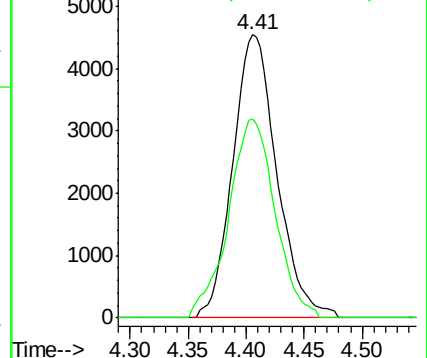
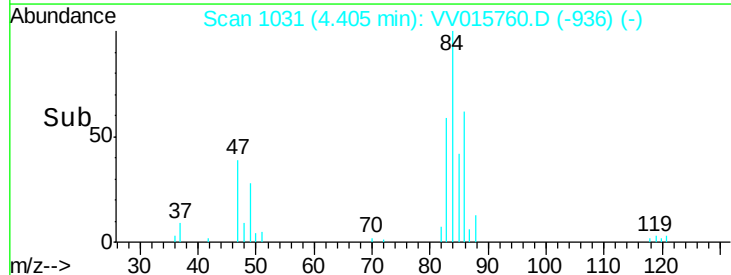
Ion Ratio Lower Upper

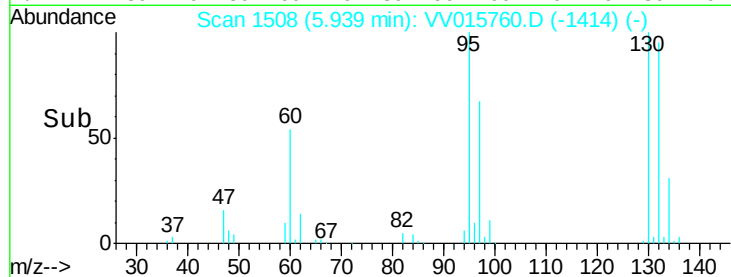
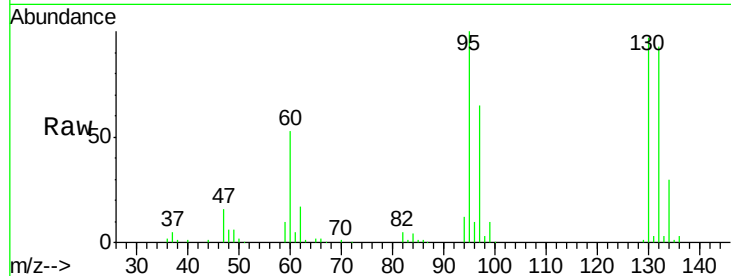
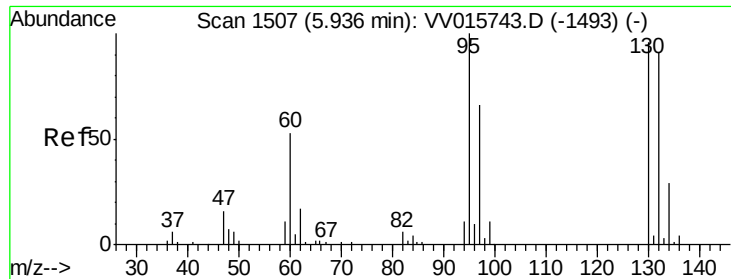
83 100

85 70.3 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV015760.D (-936) (-)





#34

Trichloroethene

Concen: 14.122 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

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ClientSampleId :

BFSC2

Tot Ion: 95 Resp: 133260

Ion Ratio Lower Upper

95 100

97 65.3 44.7 82.9

132 92.9 65.2 121.0

130 97.1 65.0 120.6

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

