

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015776.D
 Acq On : 29 Apr 2020 03:25
 Operator : SY/MD
 Sample : L2421-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFS98

Quant Time: Apr 29 06:25:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 03:36:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	114355	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	111252	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53195	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35396	5.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.40%
7) Chloroethane-d5	1.58	69	30810	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.12	63	51986	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	3.93	46	86918	45.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.60%
24) Chloroform-d	4.38	84	59679	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.06	65	38462	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.08	84	128113	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.10	67	39622	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.34	98	113276	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.64	79	12416	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.11	63	59087	36.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26646	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	40823	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

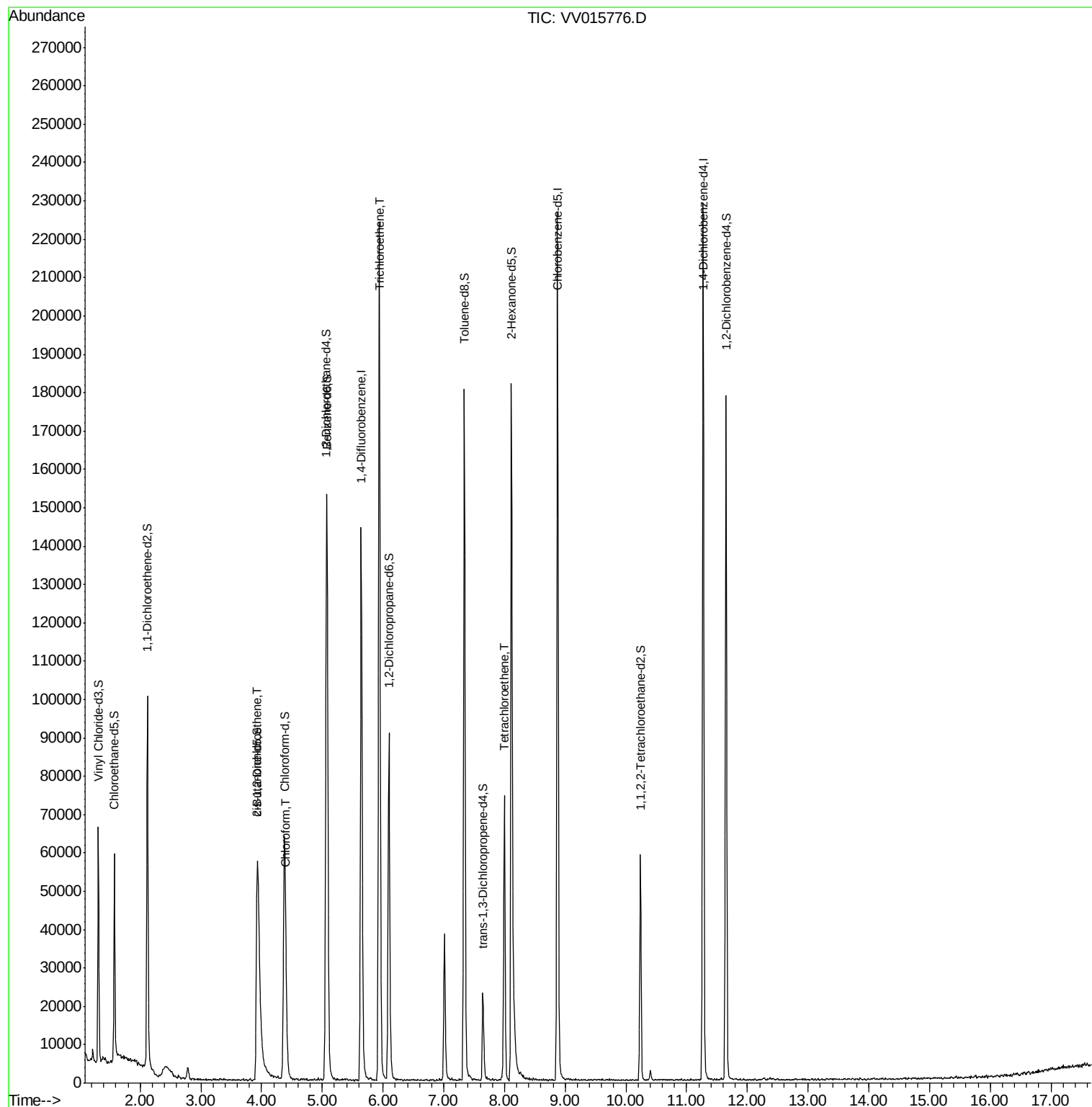
					Ovalue
22) cis-1,2-Dichloroethene	3.94	96	5615	0.681 ug/L	99
25) Chloroform	4.41	83	14628	0.942 ug/L	93
34) Trichloroethene	5.94	95	77388	8.816 ug/L	97
47) Tetrachloroethene	8.00	164	15609	2.470 ug/L	96

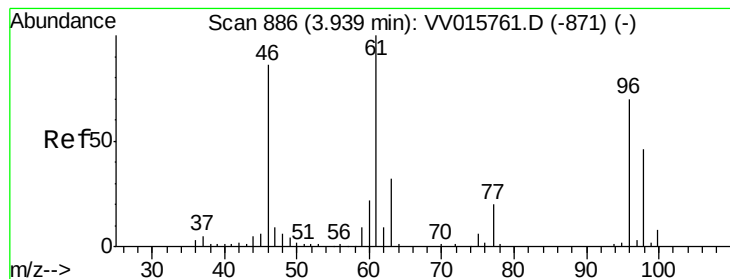
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.681 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

Lab File: VV015776.D

Acq: 29 Apr 2020 03:25

Instrument :

MSVOA_V

ClientSampled :

BFS98

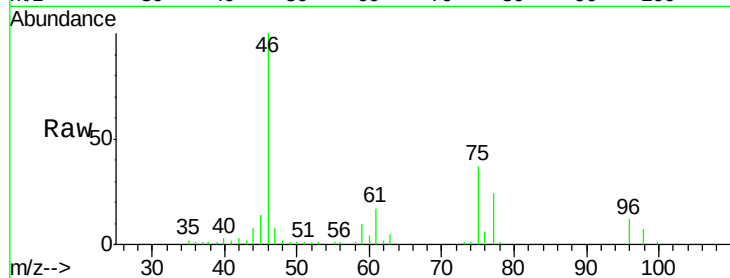
Tot Ion: 96 Resp: 5615

Ion Ratio Lower Upper

96 100

61 136.5 96.4 179.0

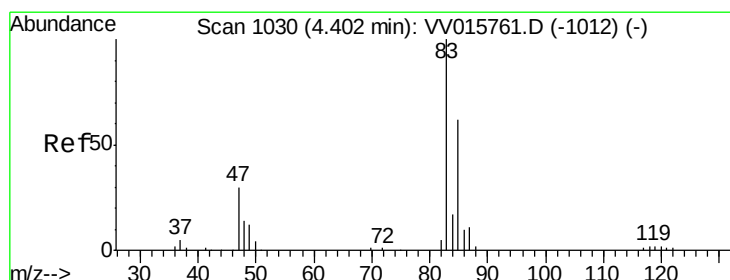
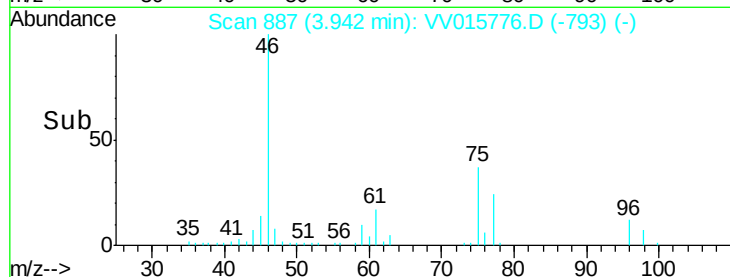
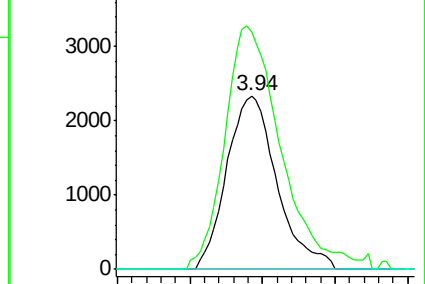
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#25

Chloroform

Concen: 0.942 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015776.D

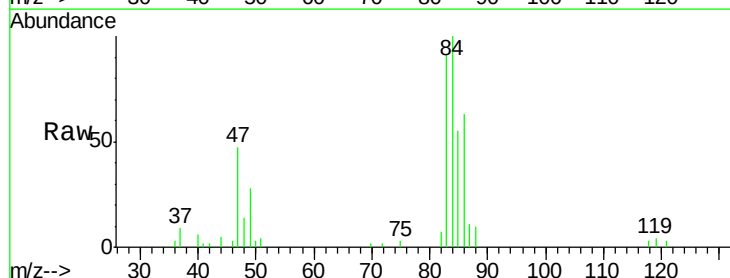
Acq: 29 Apr 2020 03:25

Tgt Ion: 83 Resp: 14628

Ion Ratio Lower Upper

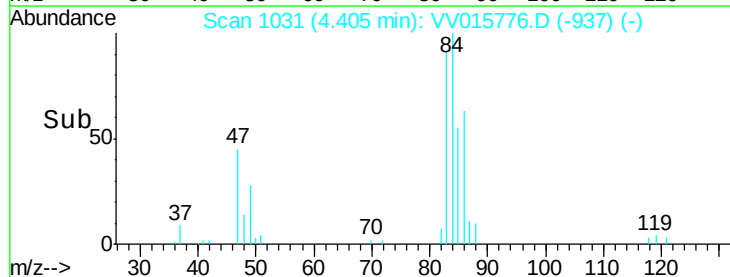
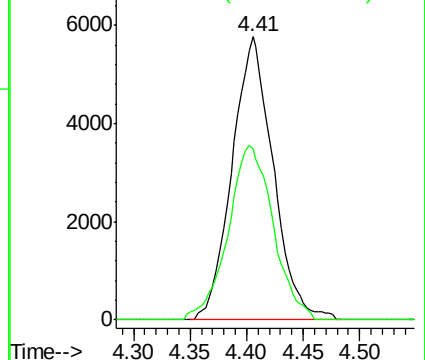
83 100

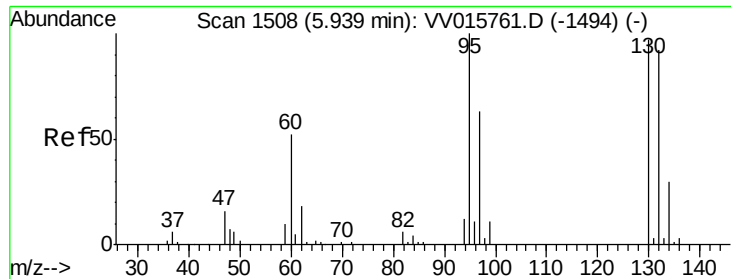
85 60.4 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 8.816 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015776.D

Acq: 29 Apr 2020 03:25

Instrument :

MSVOA_V

ClientSampleId :

BFS98

Tot Ion: 95 Resp: 77388

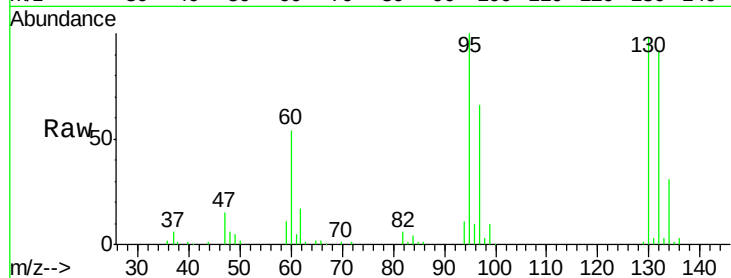
Ion Ratio Lower Upper

95 100

97 66.2 44.7 82.9

132 91.6 65.2 121.0

130 98.1 65.0 120.6

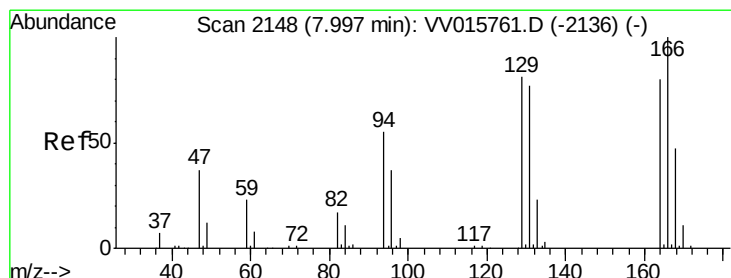
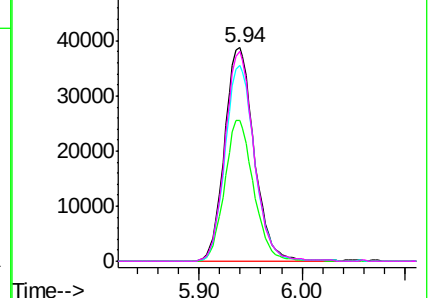
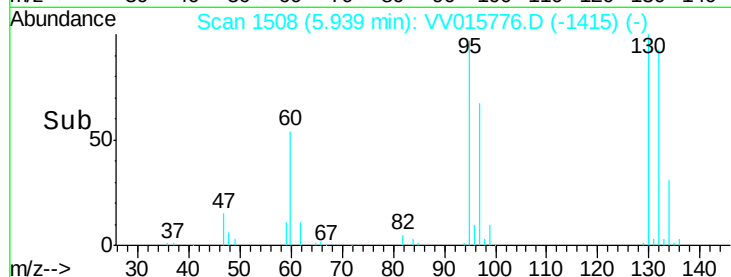


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#47

Tetrachloroethene

Concen: 2.470 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015776.D

Acq: 29 Apr 2020 03:25

Tgt Ion: 164 Resp: 15609

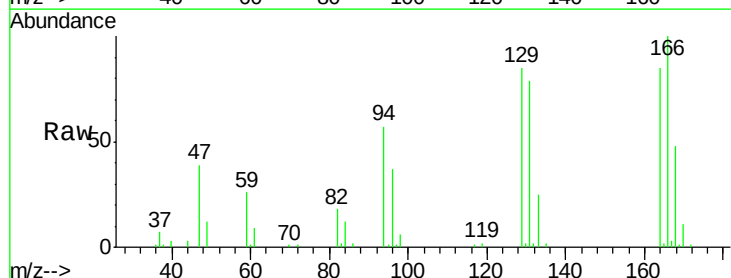
Ion Ratio Lower Upper

164 100

129 100.5 66.7 123.9

131 93.0 66.6 123.6

166 117.6 85.3 158.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

