

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011348.D
 Acq On : 10 Jun 2019 14:11
 Operator : SY/MD
 Sample : K3226-08DL 4X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCN6DL

Quant Time: Jun 11 02:04:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 11 01:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	117239	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	103625	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	39043	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31930	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.55	69	31339	4.24	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.12	63	48845	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	3.94	46	129844	64.92	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.84%
24) Chloroform-d	4.40	84	77325	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.08	65	47094	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.09	84	141102	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.11	67	48480	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.36	98	109683	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	7.66	79	11472	3.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.00%
46) 2-Hexanone-d5	8.13	63	96312	62.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36293	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	37191	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

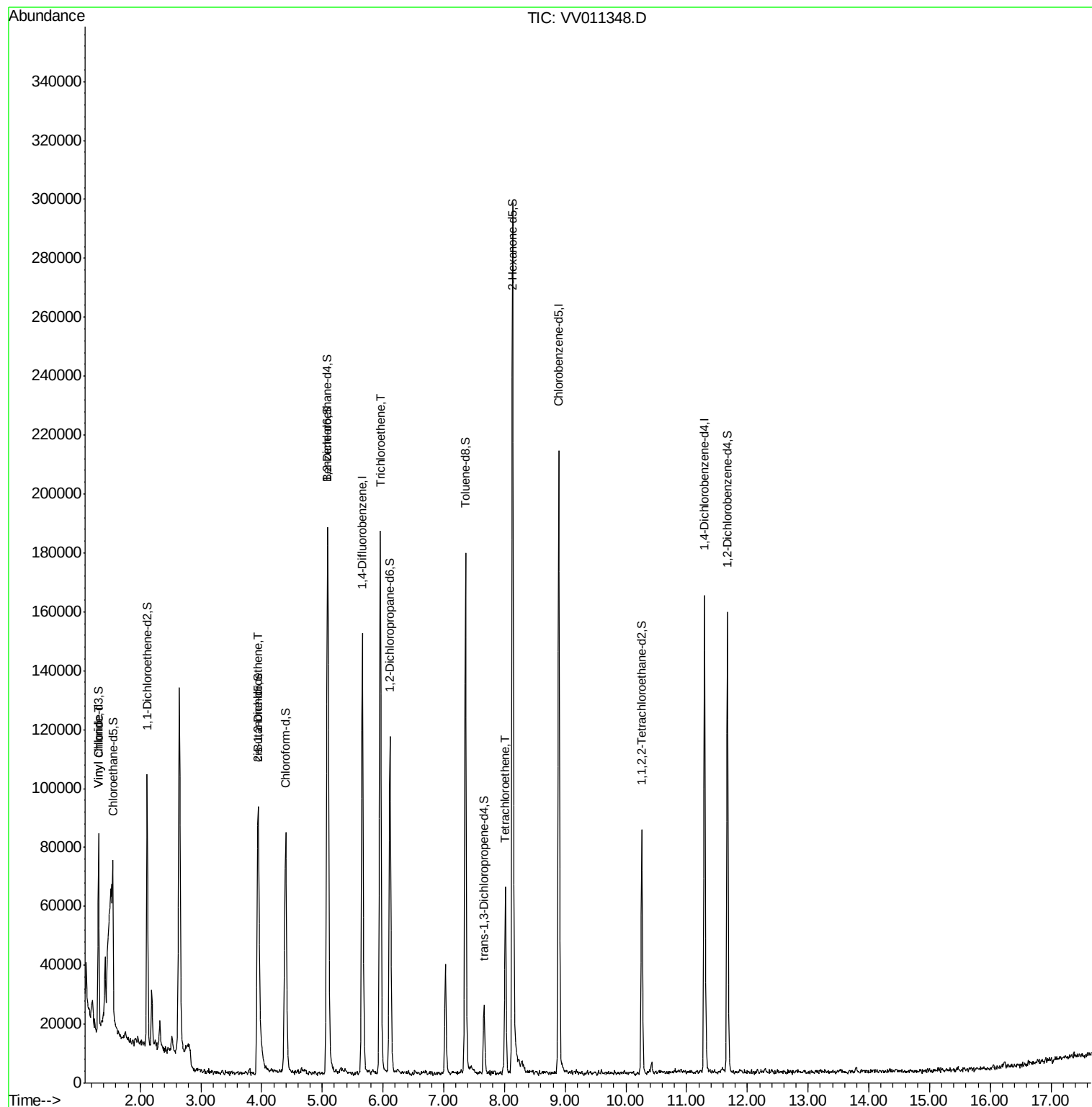
					Ovalue
5) Vinyl chloride	1.32	62	1862	0.173 ug/L #	1
22) cis-1,2-Dichloroethene	3.95	96	5724	0.625 ug/L	90
34) Trichloroethene	5.96	95	60056	7.050 ug/L	99
47) Tetrachloroethene	8.02	164	12563	2.041 ug/L	99

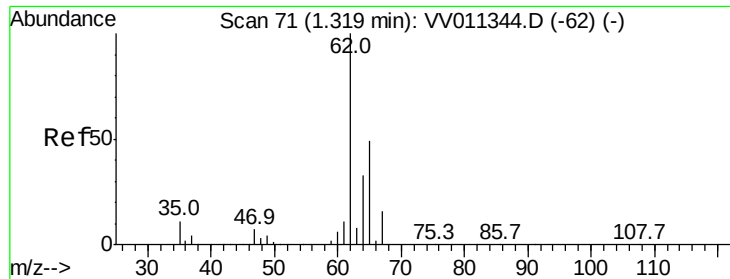
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.173 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011348.D

Acq: 10 Jun 2019 14:11

Instrument :

MSVOA_V

ClientSampleId :

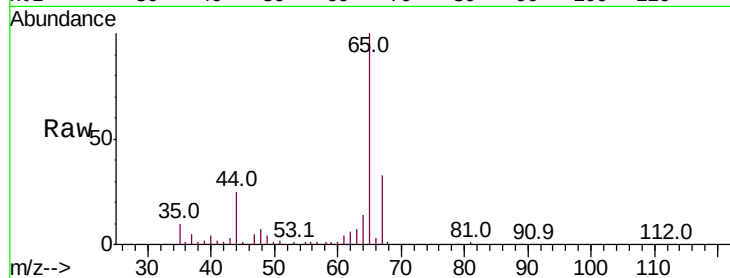
BFCN6DL

Tot Ion: 62 Resp: 1862

Ion Ratio Lower Upper

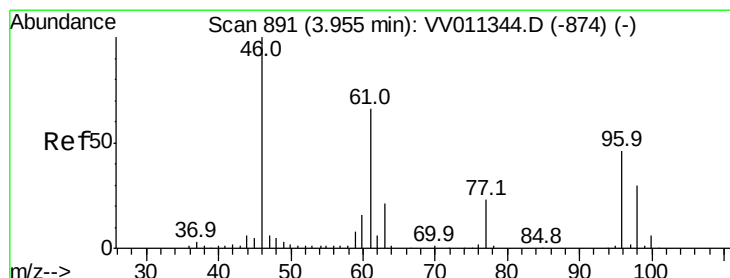
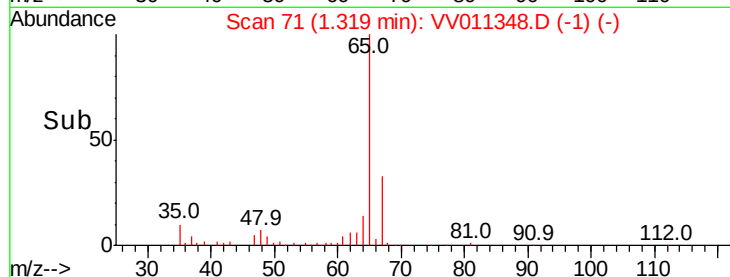
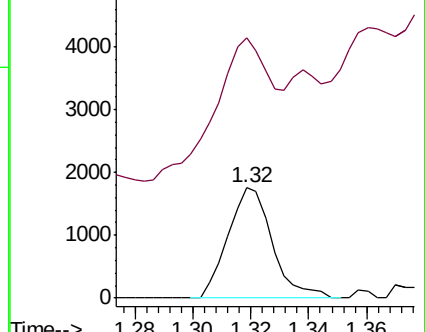
62 100

64 235.0 25.9 48.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.625 ug/L

RT: 3.95 min Scan# 889

Delta R.T. -0.01 min

Lab File: VV011348.D

Acq: 10 Jun 2019 14:11

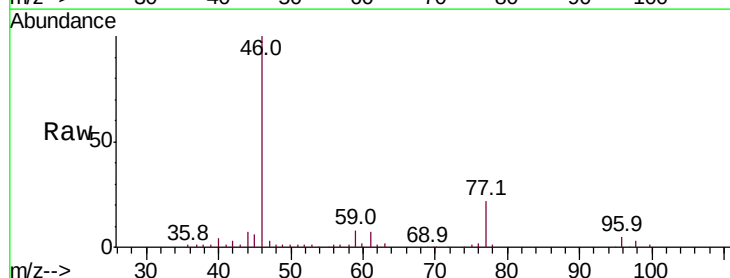
Tgt Ion: 96 Resp: 5724

Ion Ratio Lower Upper

96 100

61 131.5 100.8 187.2

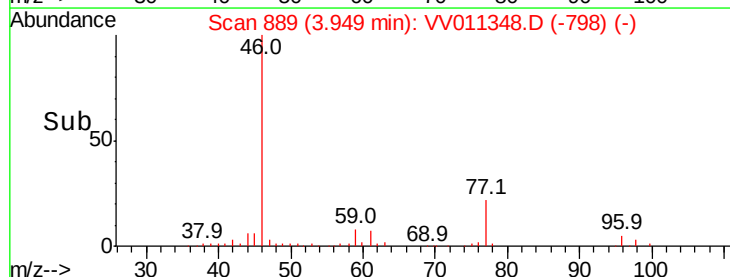
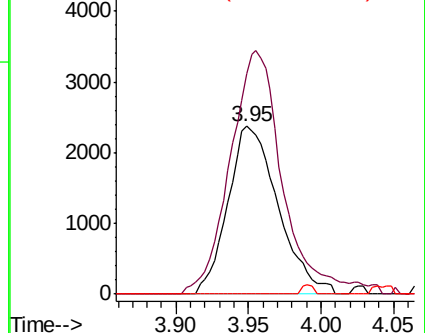
68 0.0 0.0 0.0

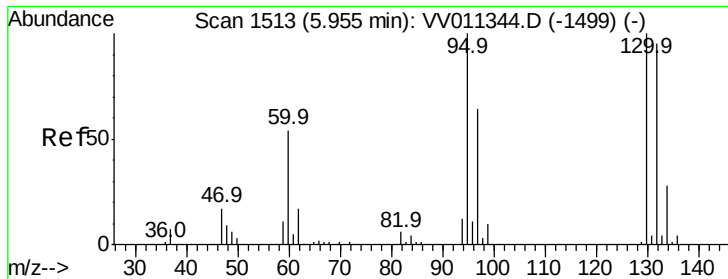


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 7.050 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011348.D

Acq: 10 Jun 2019 14:11

Instrument :

MSVOA_V

ClientSampleId :

BFCN6DL

Tot Ion: 95 Resp: 60056

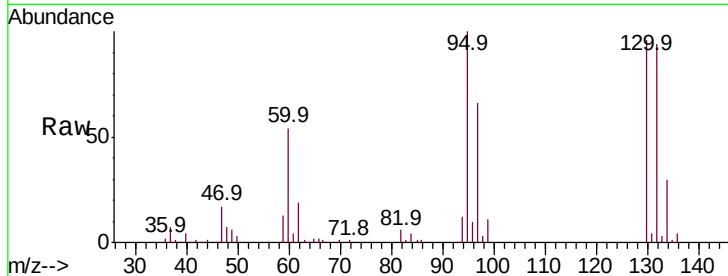
Ion Ratio Lower Upper

95 100

97 66.4 45.8 85.2

132 94.2 66.4 123.2

130 96.2 68.3 126.8



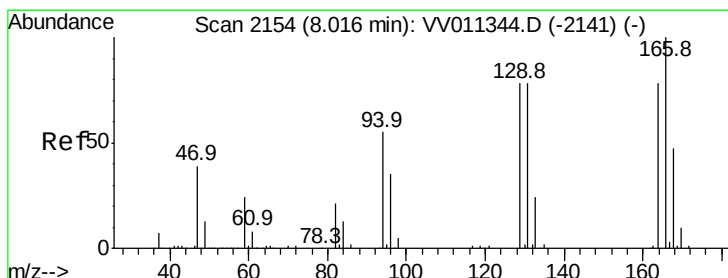
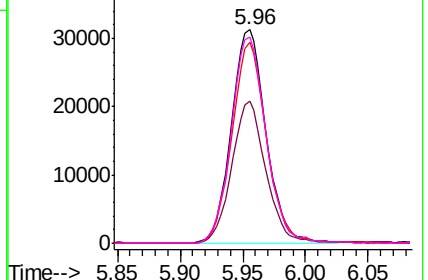
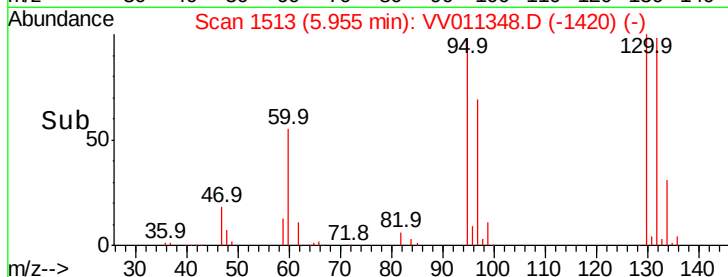
Abundance

Ion 95.00 (94.70 to 95.70): VV011348.D (-1499) (-)

Ion 96.95 (96.65 to 97.65): VV011348.D (-1499) (-)

Ion 131.95 (131.65 to 132.65): VV011348.D (-1499) (-)

Ion 129.95 (129.65 to 130.65): VV011348.D (-1499) (-)



#47

Tetrachloroethene

Concen: 2.041 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV011348.D

Acq: 10 Jun 2019 14:11

Tgt Ion:164 Resp: 12563

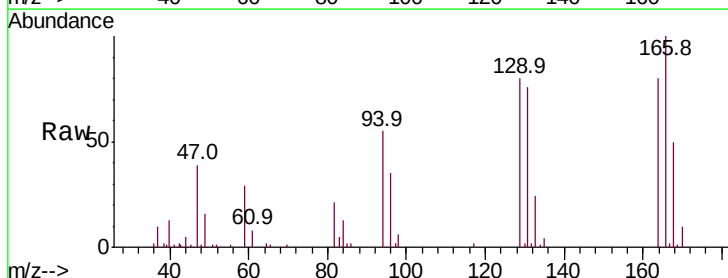
Ion Ratio Lower Upper

164 100

129 100.8 69.9 129.9

131 95.6 66.8 124.2

166 125.8 90.2 167.6



Abundance

Ion 163.90 (163.60 to 164.60): VV011348.D (-2061) (-)

Ion 128.95 (128.65 to 129.65): VV011348.D (-2061) (-)

Ion 130.95 (130.65 to 131.65): VV011348.D (-2061) (-)

Ion 165.90 (165.60 to 166.60): VV011348.D (-2061) (-)

