

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015732.D
 Acq On : 27 Apr 2020 16:23
 Operator : SY/MD
 Sample : L2370-20DL 20X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKN8DL

Quant Time: Apr 28 05:59:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	126692	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122019	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58137	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28748	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.58	69	29845	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.12	63	46949	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.91	46	113883	53.57	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.14%
24) Chloroform-d	4.38	84	79487	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.06	65	45855	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.08	84	148433	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.09	67	47956	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.34	98	130759	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.64	79	15420	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.11	63	83468	47.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	35406	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	51721	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

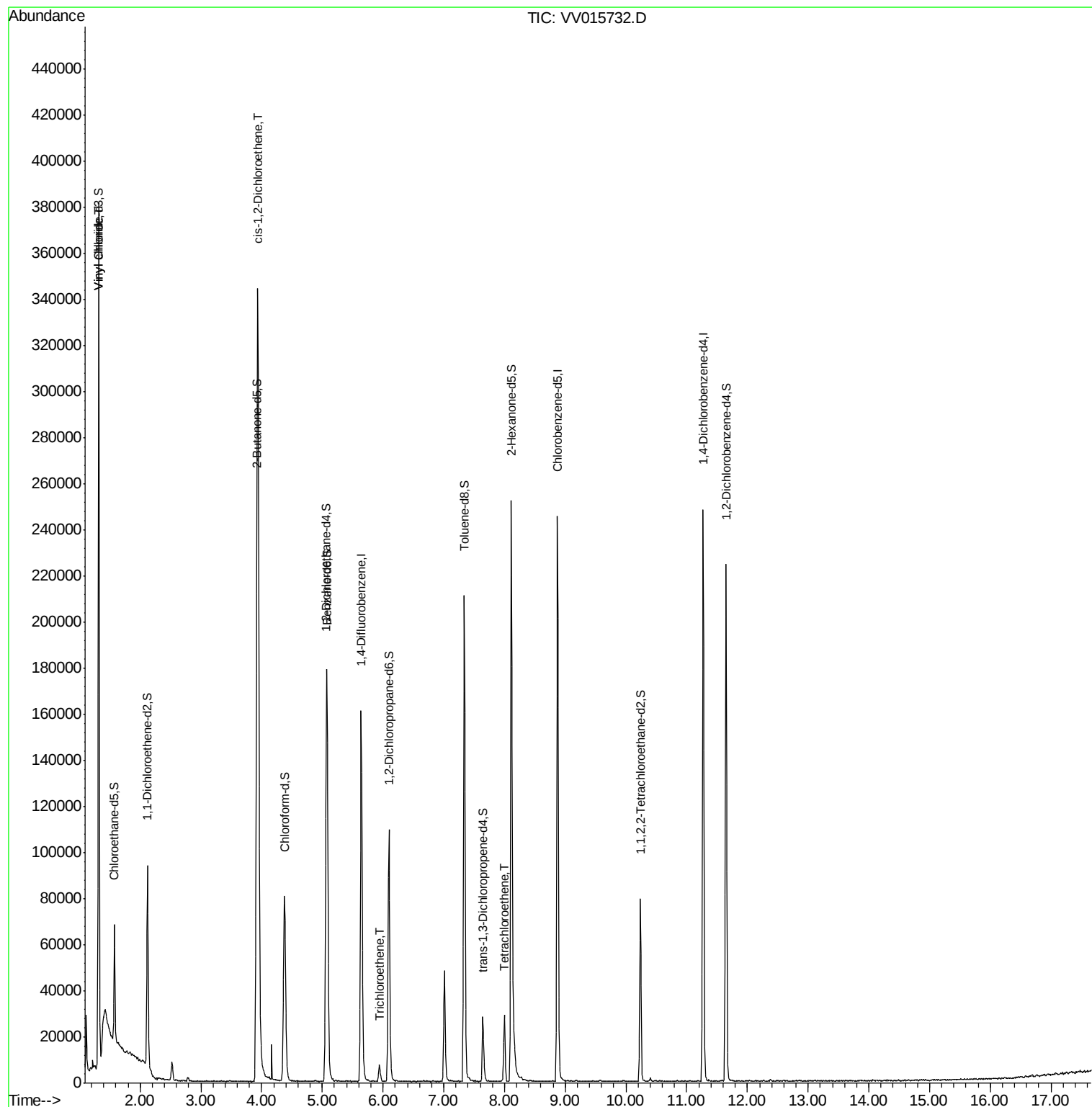
					Ovalue
5) Vinyl chloride	1.32	62	205000	20.446 ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	160976	17.634 ug/L	96
34) Trichloroethene	5.94	95	1934	0.201 ug/L	94
47) Tetrachloroethene	8.00	164	6011	0.867 ug/L	90

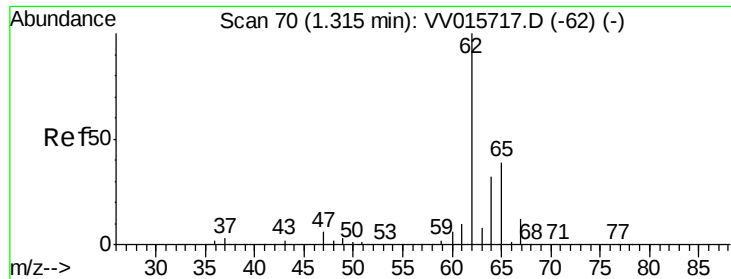
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 20.446 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015732.D

Acq: 27 Apr 2020 16:23

Instrument :

MSVOA_V

ClientSampled :

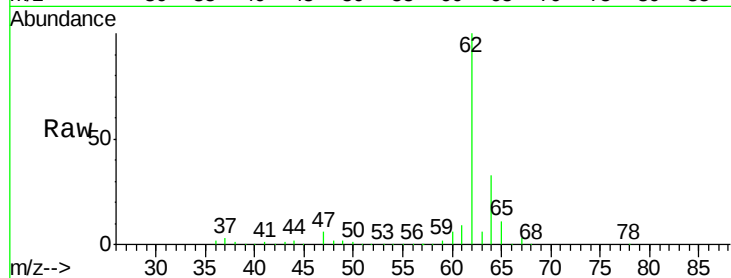
ETKN8DL

Tot Ion: 62 Resp: 205000

Ion Ratio Lower Upper

62 100

64 33.1 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

200000

150000

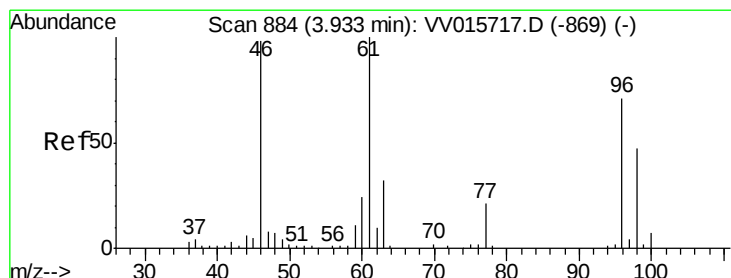
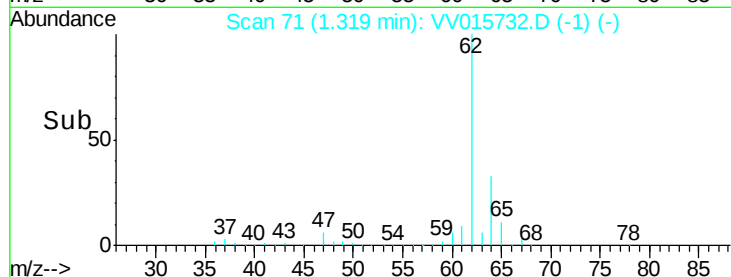
100000

50000

0

Time-->

1.25 1.30 1.35 1.40



#22

cis-1,2-Dichloroethene

Concen: 17.634 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV015732.D

Acq: 27 Apr 2020 16:23

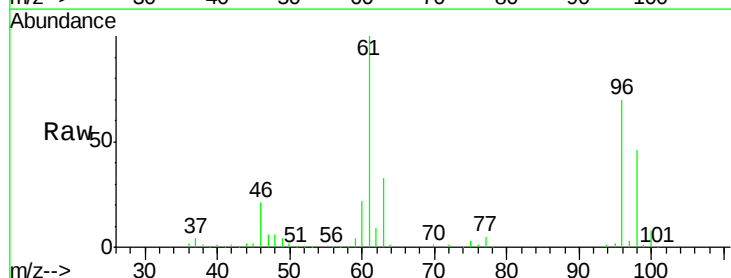
Tgt Ion: 96 Resp: 160976

Ion Ratio Lower Upper

96 100

61 142.3 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

120000

100000

80000

60000

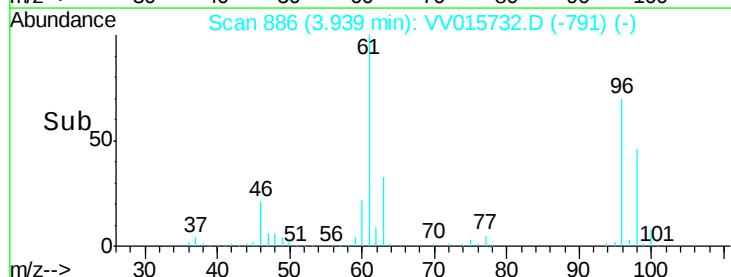
40000

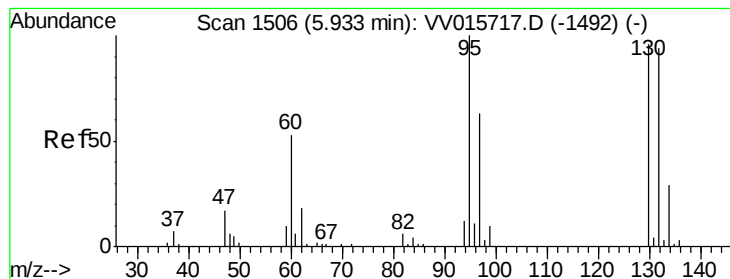
20000

0

Time-->

3.90 4.00





#34

Trichloroethene

Concen: 0.201 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015732.D

Acq: 27 Apr 2020 16:23

Instrument :

MSVOA_V

ClientSampleId :

ETKN8DL

Tot Ion: 95 Resp: 1934

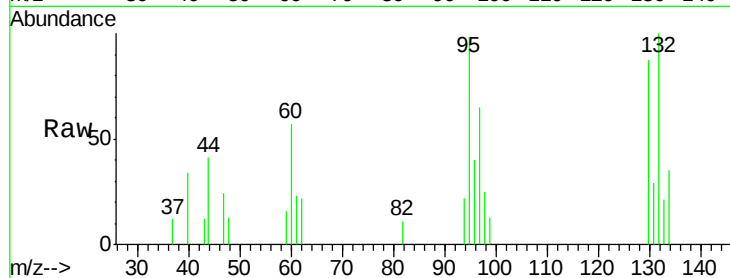
Ion Ratio Lower Upper

95 100

97 65.9 44.7 82.9

132 102.0 65.2 121.0

130 88.4 65.0 120.6

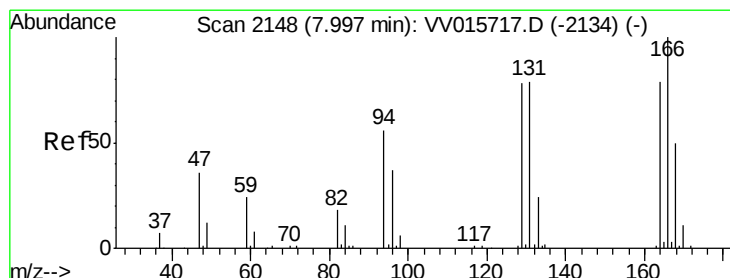
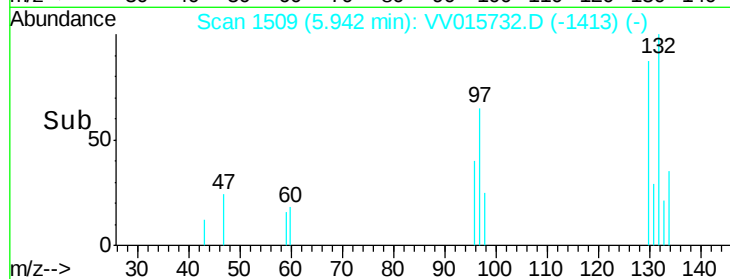
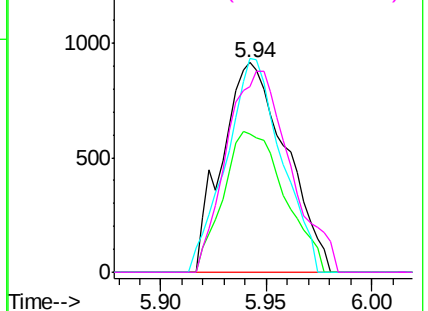


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.867 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

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Acq: 27 Apr 2020 16:23

Tgt Ion: 164 Resp: 6011

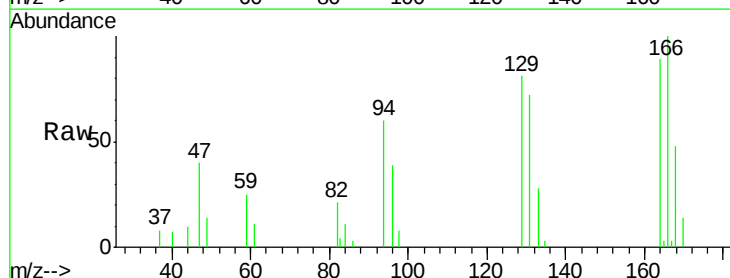
Ion Ratio Lower Upper

164 100

129 90.9 66.7 123.9

131 80.2 66.6 123.6

166 111.8 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

