

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015727.D
 Acq On : 27 Apr 2020 14:25
 Operator : SY/MD
 Sample : L2370-14DL 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKM9DL

Quant Time: Apr 28 04:03:13 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	122147	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	117274	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54636	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26048	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.58	69	29728	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.12	63	45633	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.91	46	109146	53.25	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.50%
24) Chloroform-d	4.38	84	71738	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.06	65	44413	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.08	84	142750	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.09	67	46577	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.34	98	126814	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.65	79	14760	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.11	63	79093	46.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33358	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	51221	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

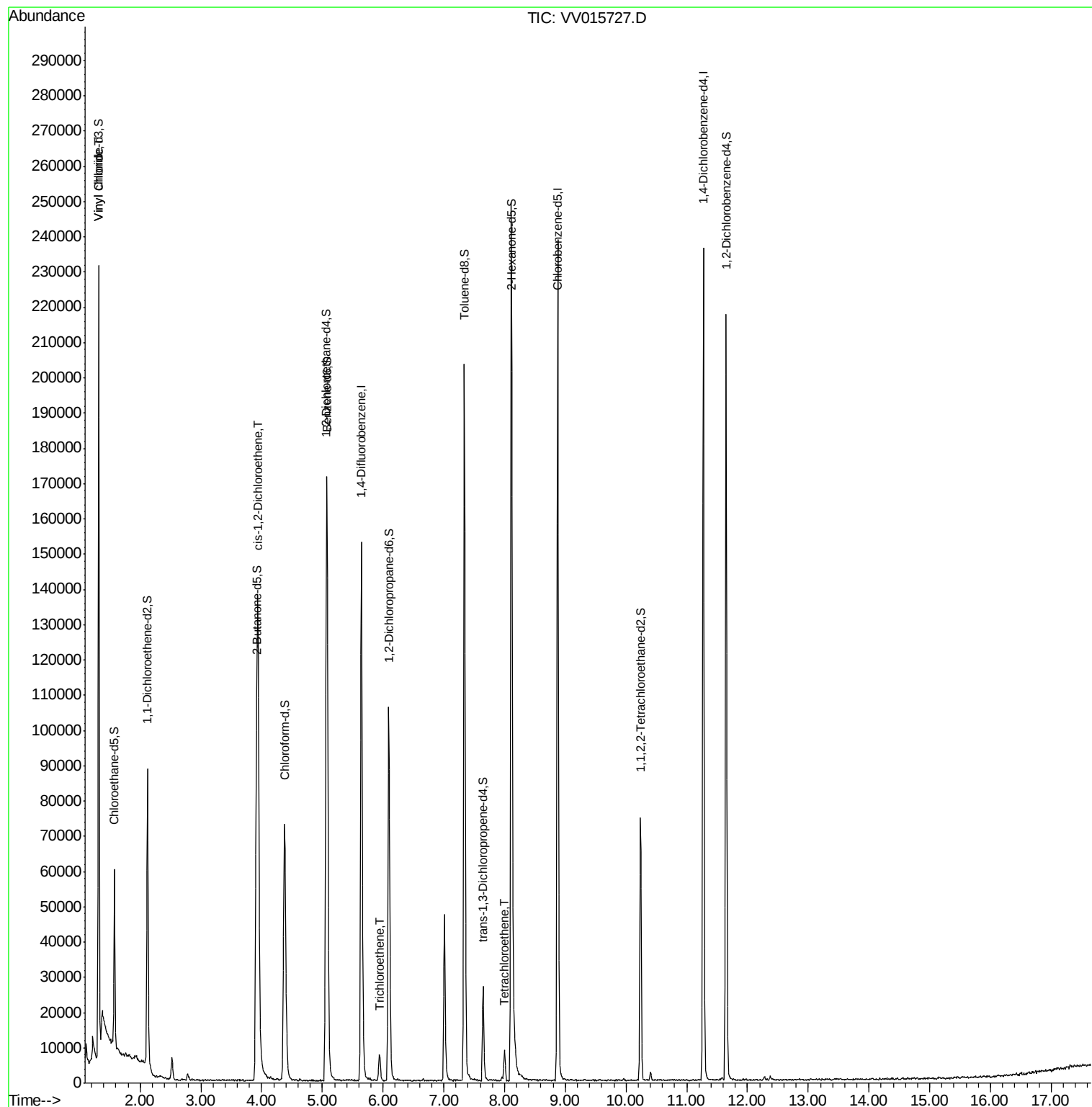
					Ovalue
5) Vinyl chloride	1.32	62	111746	11.560	ug/L 100
22) cis-1,2-Dichloroethene	3.94	96	58330	6.628	ug/L 98
34) Trichloroethene	5.95	95	2159	0.233	ug/L # 92
47) Tetrachloroethene	8.00	164	1811	0.272	ug/L 96

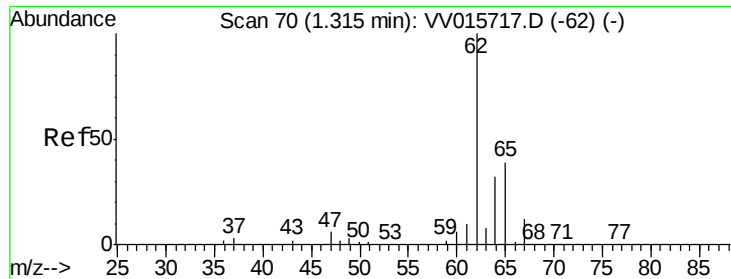
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 11.560 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Acq: 27 Apr 2020 14:25

Instrument :

MSVOA_V

ClientSampleID :

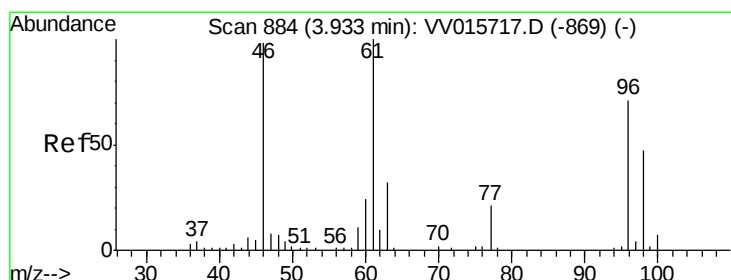
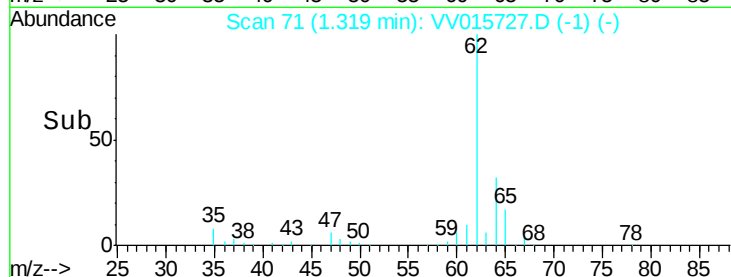
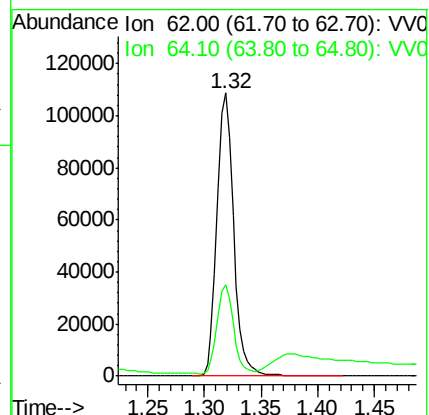
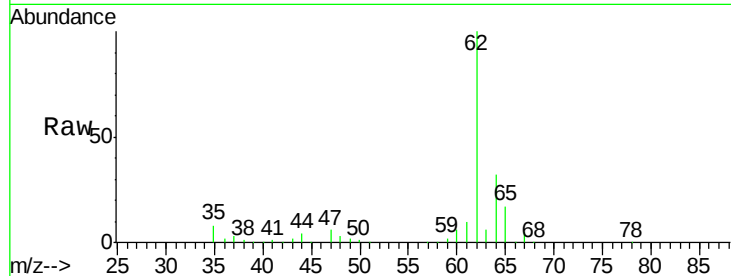
ETKM9DL

Tot Ion: 62 Resp: 111746

Ion Ratio Lower Upper

62 100

64 32.5 22.7 42.1



#22

cis-1,2-Dichloroethene

Concen: 6.628 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

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Acq: 27 Apr 2020 14:25

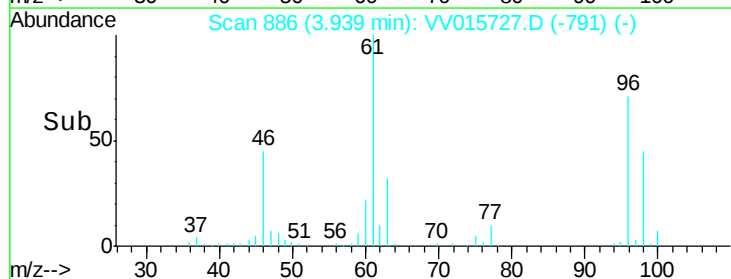
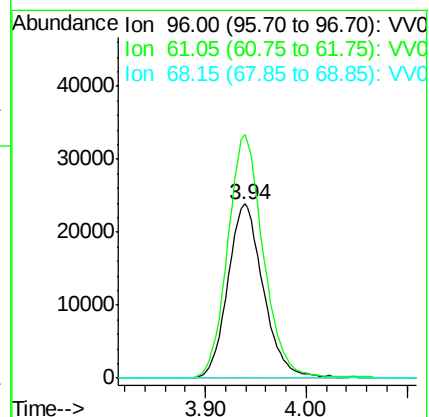
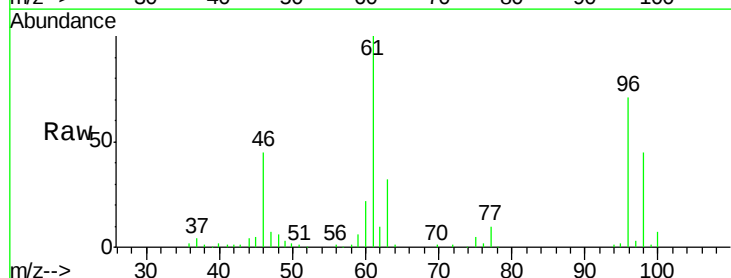
Tgt Ion: 96 Resp: 58330

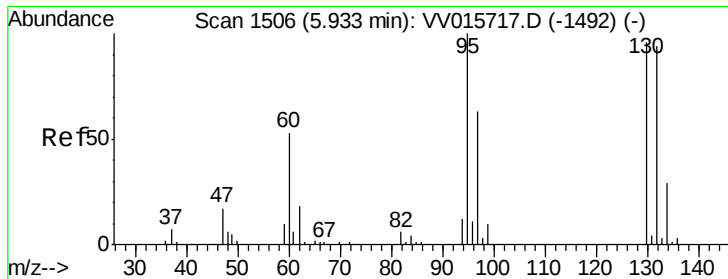
Ion Ratio Lower Upper

96 100

61 140.0 96.4 179.0

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.233 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV015727.D

Acq: 27 Apr 2020 14:25

Instrument :

MSVOA_V

ClientSampleId :

ETKM9DL

Tot Ion: 95 Resp: 2159

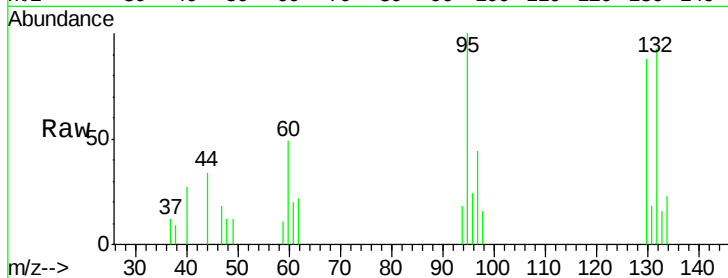
Ion Ratio Lower Upper

95 100

97 44.3 44.7 82.9#

132 93.0 65.2 121.0

130 87.9 65.0 120.6

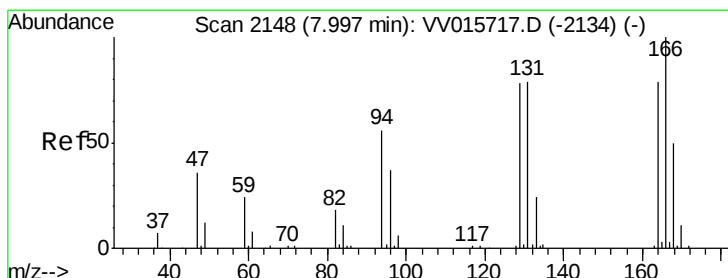
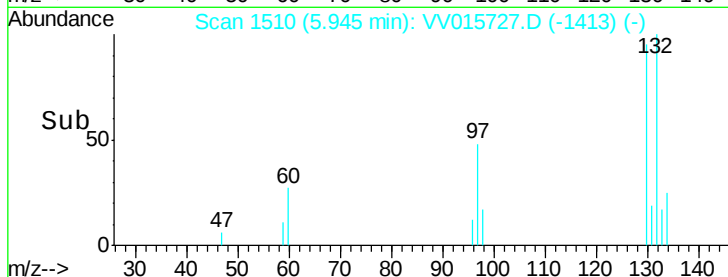
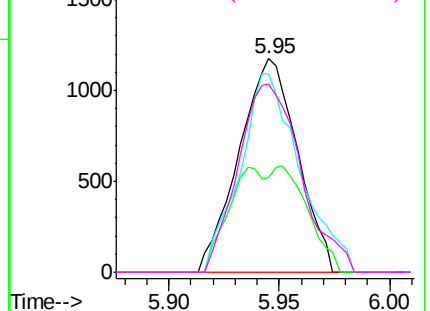


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.272 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV015727.D

Acq: 27 Apr 2020 14:25

Tgt Ion: 164 Resp: 1811

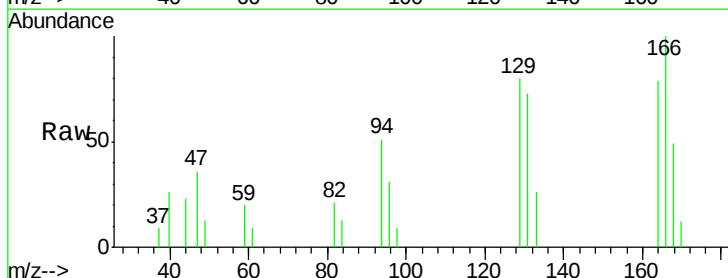
Ion Ratio Lower Upper

164 100

129 101.1 66.7 123.9

131 92.3 66.6 123.6

166 126.0 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

