

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015719.D
 Acq On : 27 Apr 2020 11:19
 Operator : SY/MD
 Sample : L2416-01DL 20X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKN9DL

Quant Time: Apr 28 02:40:30 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	133292	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	128827	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60051	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27382	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.57	69	28288	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.12	63	44444	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	3.94	46	110582	49.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.88%
24) Chloroform-d	4.38	84	74366	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.06	65	43606	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.07	84	139577	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.09	67	45265	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.34	98	122799	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.65	79	15085	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.11	63	76263	41.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32970	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	48635	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

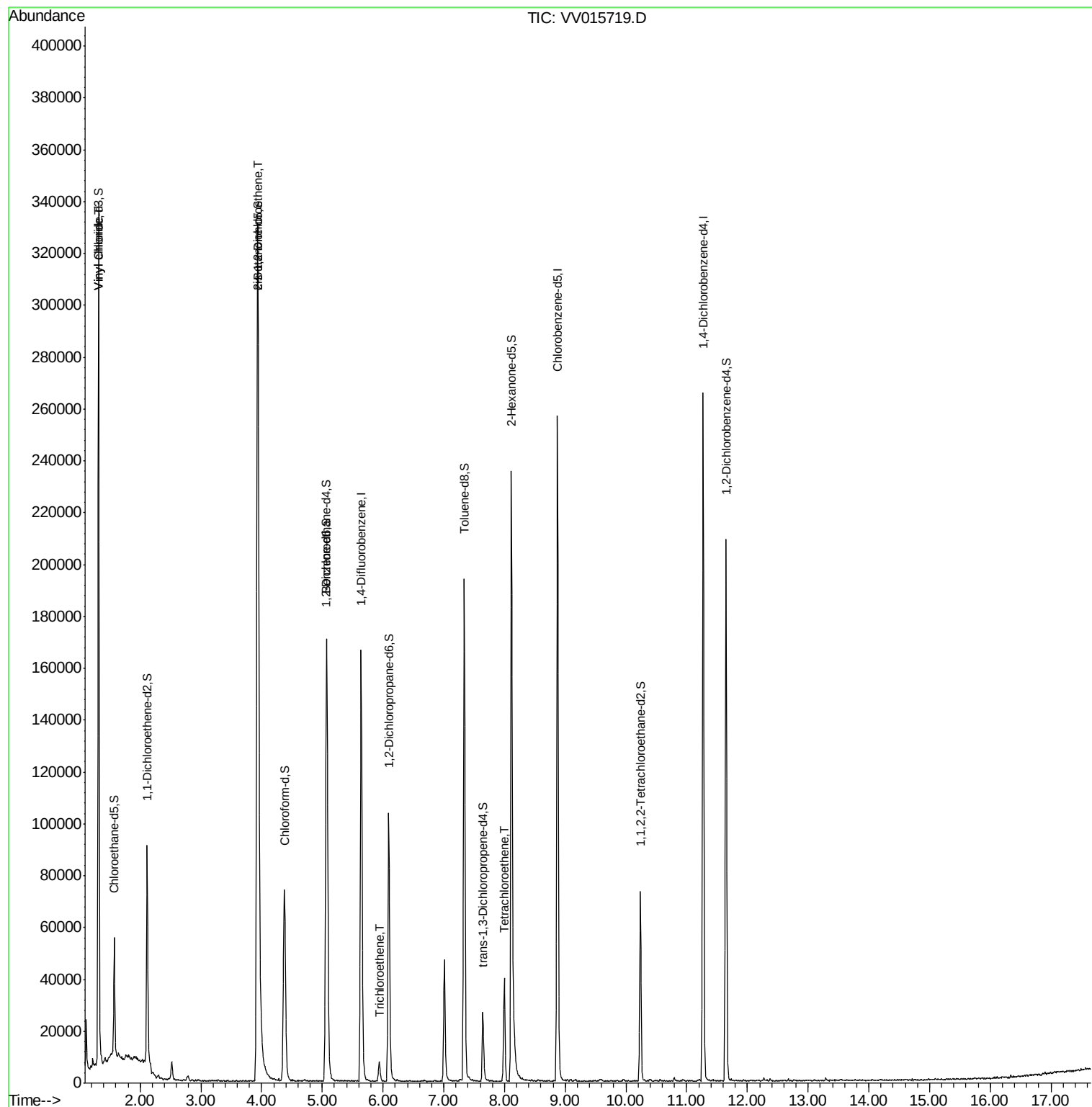
					Ovalue
5) Vinyl chloride	1.32	62	178511	16.922	ug/L 99
22) cis-1,2-Dichloroethene	3.94	96	154989	16.138	ug/L 98
34) Trichloroethene	5.94	95	2107	0.207	ug/L 89
47) Tetrachloroethene	8.00	164	8072	1.103	ug/L 95

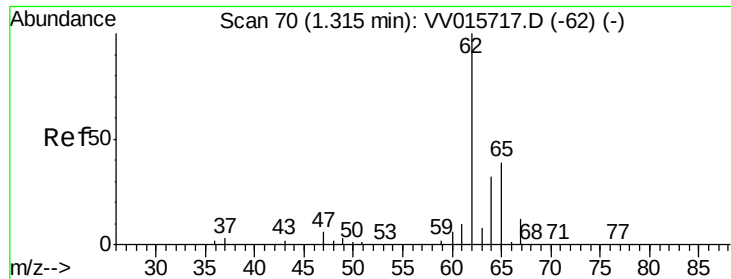
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 16.922 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV015719.D

Acq: 27 Apr 2020 11:19

Instrument :

MSVOA_V

ClientSampleId :

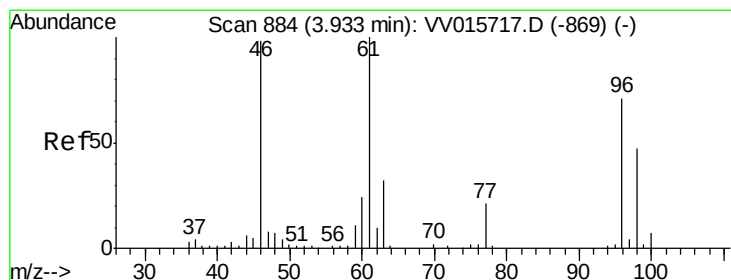
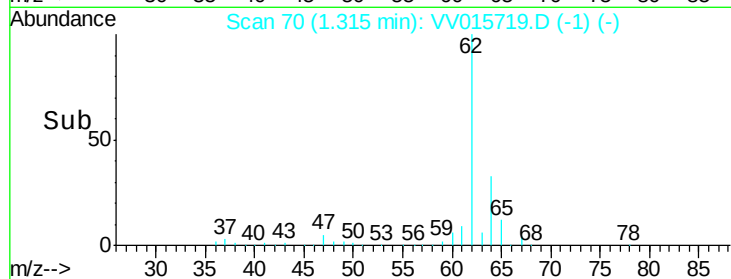
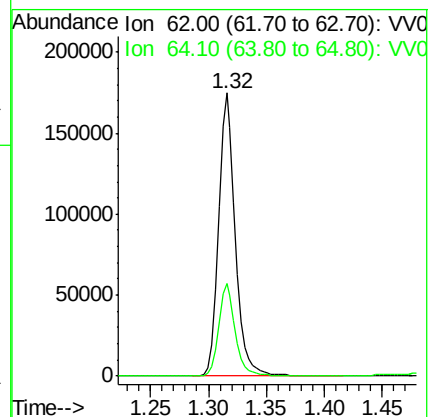
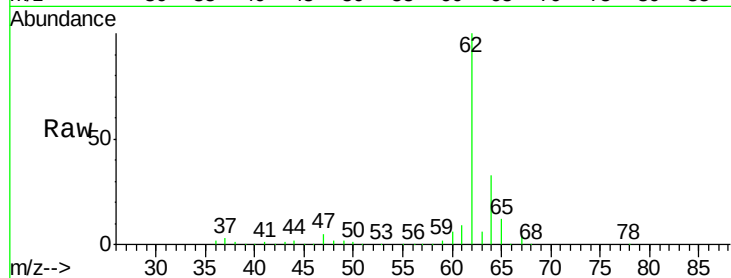
ETKN9DL

Tot Ion: 62 Resp: 178511

Ion Ratio Lower Upper

62 100

64 32.9 22.7 42.1



#22

cis-1,2-Dichloroethene

Concen: 16.138 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV015719.D

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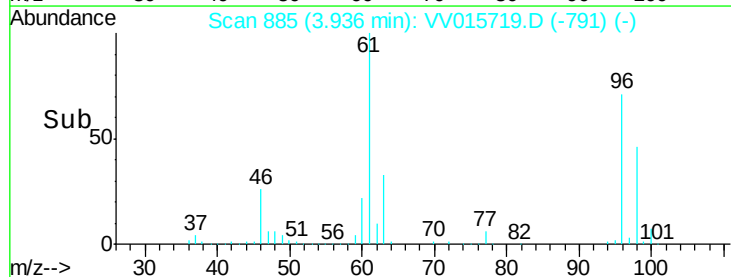
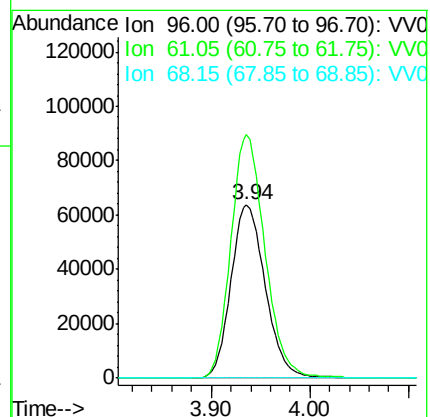
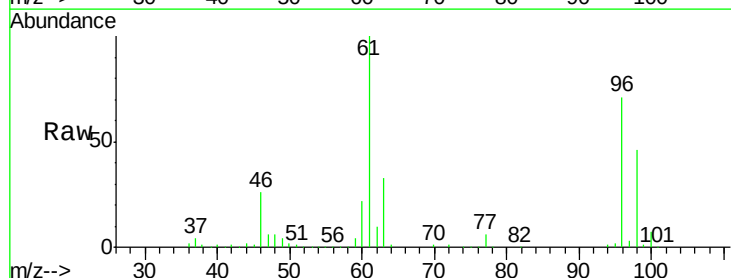
Tgt Ion: 96 Resp: 154989

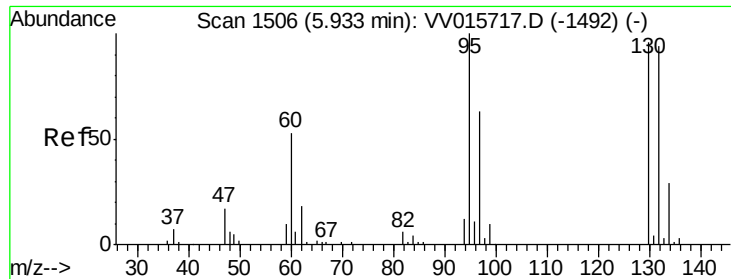
Ion Ratio Lower Upper

96 100

61 140.2 96.4 179.0

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.207 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015719.D

Acq: 27 Apr 2020 11:19

Instrument :

MSVOA_V

ClientSampleId :

ETKN9DL

Tot Ion: 95 Resp: 2107

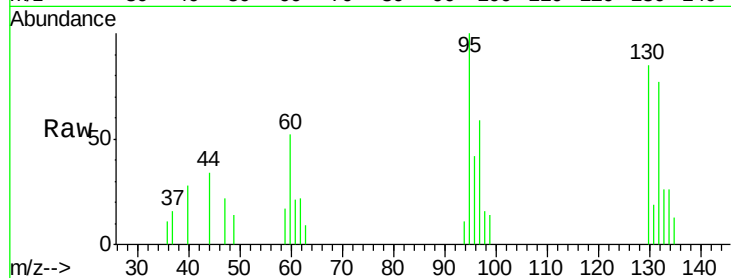
Ion Ratio Lower Upper

95 100

97 59.2 44.7 82.9

132 76.5 65.2 121.0

130 85.0 65.0 120.6

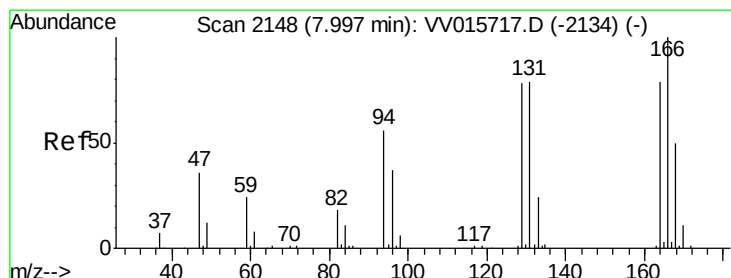
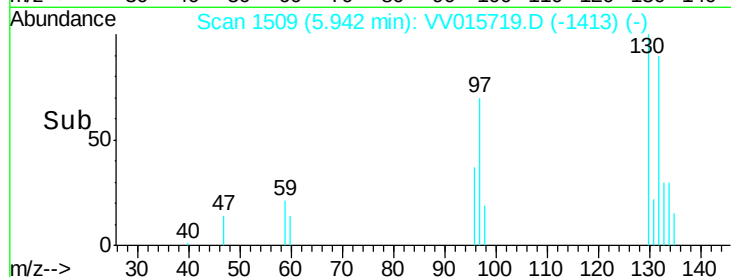
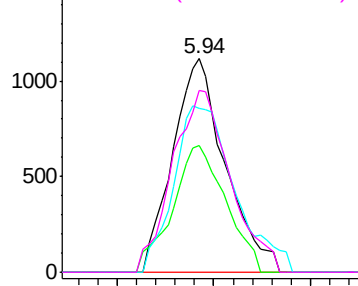


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 1.103 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015719.D

Acq: 27 Apr 2020 11:19

Tgt Ion: 164 Resp: 8072

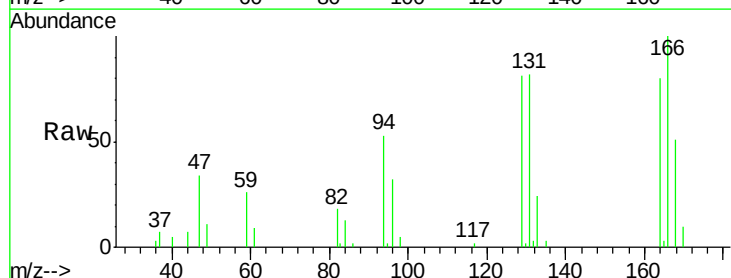
Ion Ratio Lower Upper

164 100

129 101.4 66.7 123.9

131 102.8 66.6 123.6

166 124.8 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

