

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015734.D
 Acq On : 27 Apr 2020 17:10
 Operator : SY/MD
 Sample : L2413-08DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKL6DL

Quant Time: Apr 28 06:18:27 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	132955	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	129841	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60767	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27546	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.58	69	28826	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.12	63	45196	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	3.92	46	114130	51.16	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.32%
24) Chloroform-d	4.38	84	78253	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.06	65	45708	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.08	84	142562	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.10	67	46975	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.34	98	129042	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.65	79	14766	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.11	63	83730	44.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.68%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	35040	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	51103	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

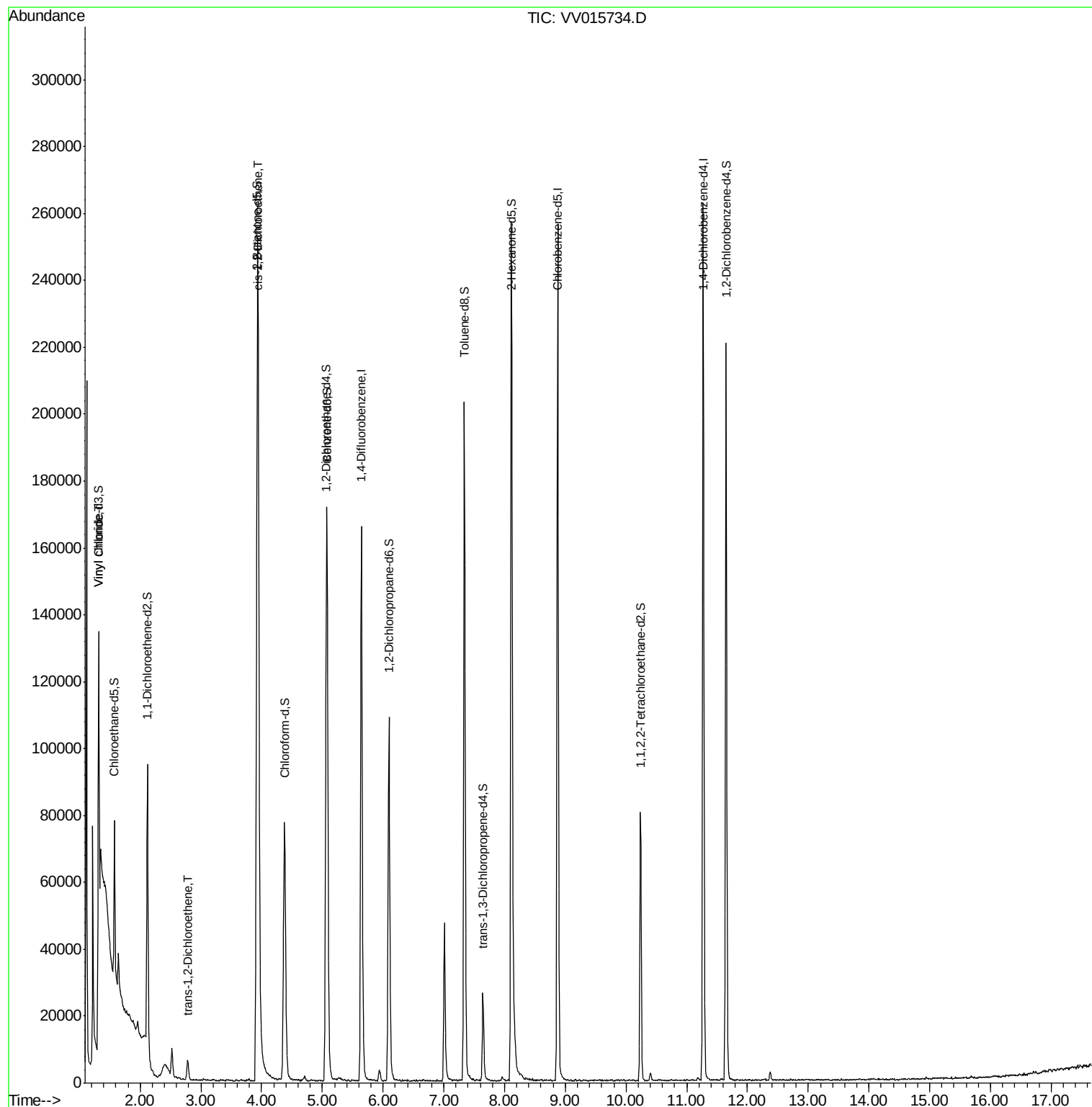
Target Compounds					Ovalue
5) Vinyl chloride	1.32	62	50455	4.795 ug/L	85
18) trans-1,2-Dichloroethene	2.78	96	1425	0.164 ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	108220	11.297 ug/L	100

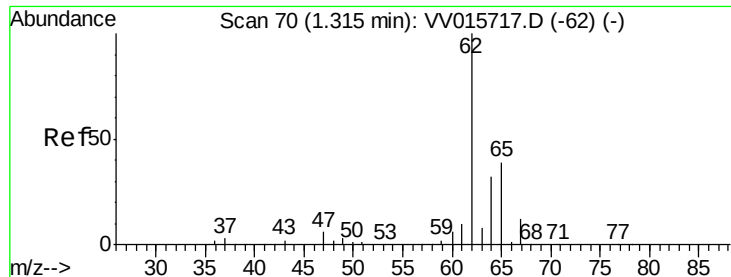
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.795 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

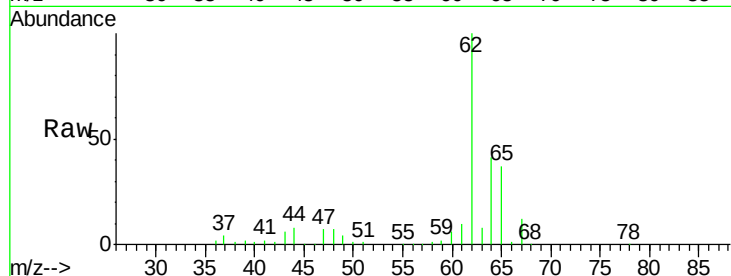
ETKL6DL

Tot Ion: 62 Resp: 50455

Ion Ratio Lower Upper

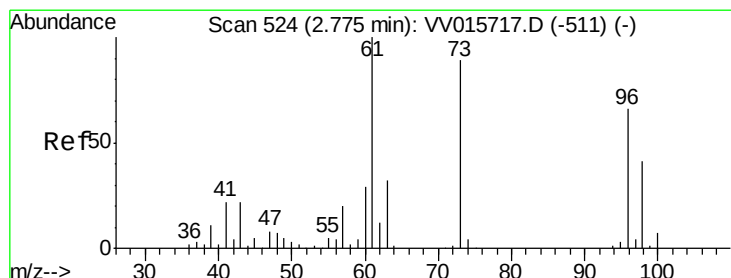
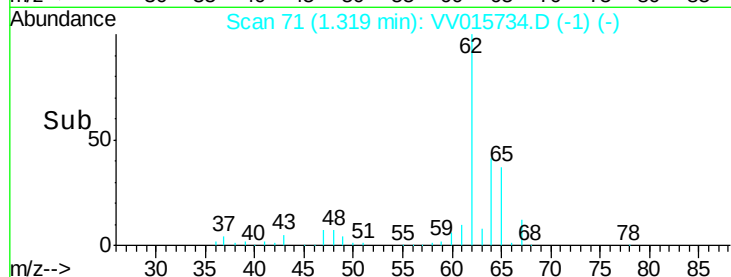
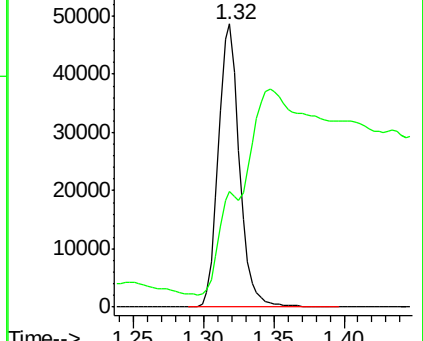
62 100

64 40.8 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#18

trans-1,2-Dichloroethene

Concen: 0.164 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

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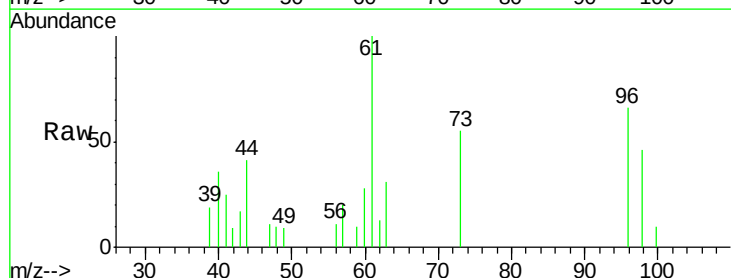
Tgt Ion: 96 Resp: 1425

Ion Ratio Lower Upper

96 100

61 152.4 105.5 195.9

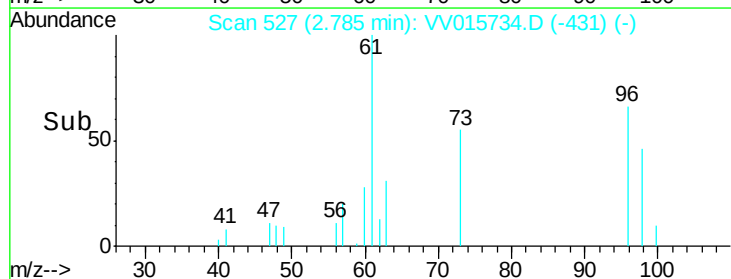
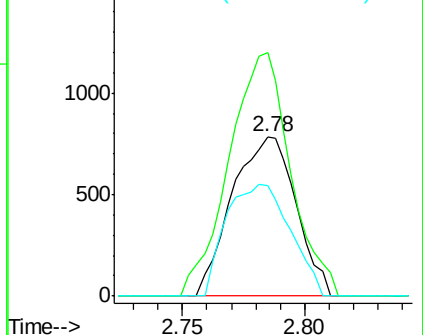
98 69.5 44.2 82.0

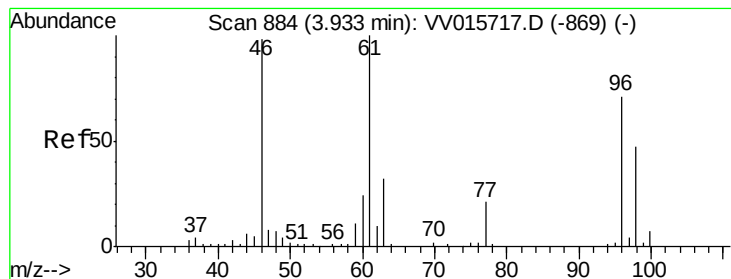


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0





#22

cis-1,2-Dichloroethene

Concen: 11.297 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

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Tot Ion: 96 Resp: 108220

Ion Ratio Lower Upper

96 100

61 138.0 96.4 179.0

68 0.0 0.0 0.0

