

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\
 Data File : VV015697.D
 Acq On : 25 Apr 2020 16:18
 Operator : SY/MD
 Sample : L2413-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKL1

Quant Time: Apr 27 02:46:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 27 01:12:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	125060	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122654	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58229	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26675	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.58	69	28859	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.12	63	45066	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	3.91	46	102031	48.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.24%
24) Chloroform-d	4.38	84	70357	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.06	65	42069	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.08	84	135111	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.09	67	43937	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.34	98	121009	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.65	79	12680	3.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.00%
46) 2-Hexanone-d5	8.11	63	73766	41.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31804	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	47066	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

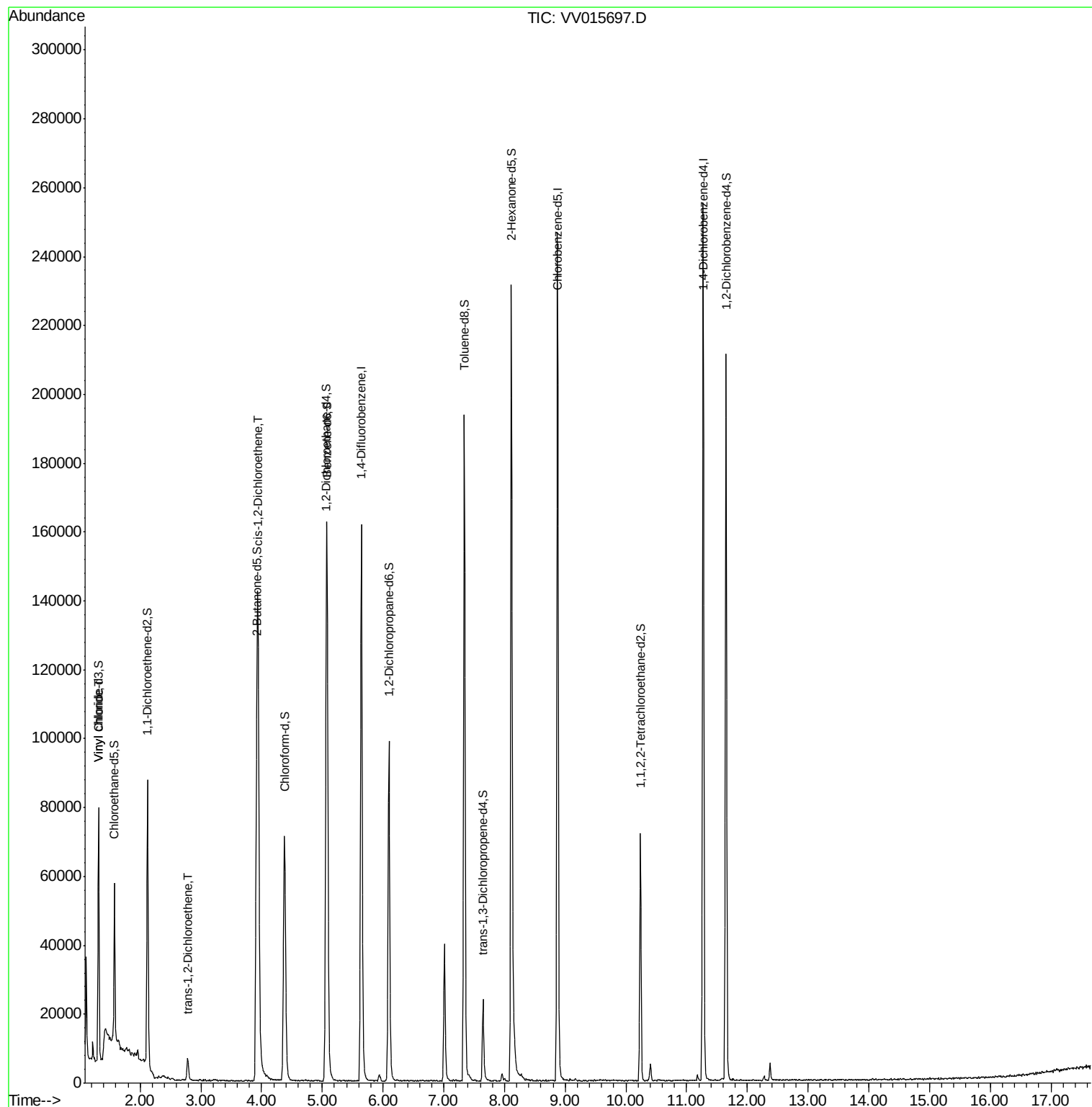
					Ovalue
5) Vinyl chloride	1.32	62	16976	1.715 ug/L	95
18) trans-1,2-Dichloroethene	2.78	96	1573	0.193 ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	59396	6.591 ug/L	96

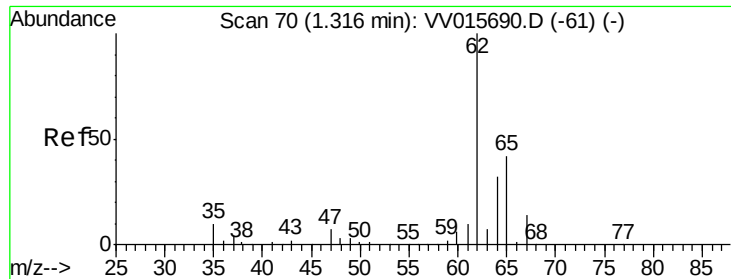
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.715 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

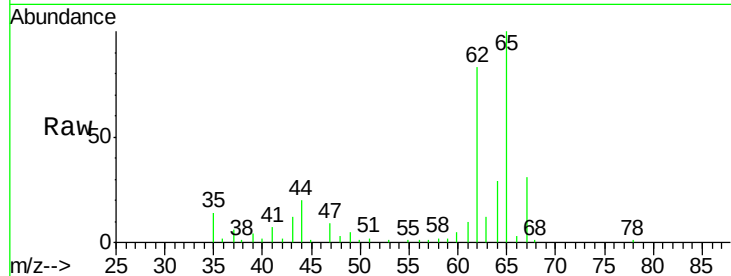
ETKL1

Tot Ion: 62 Resp: 16976

Ion Ratio Lower Upper

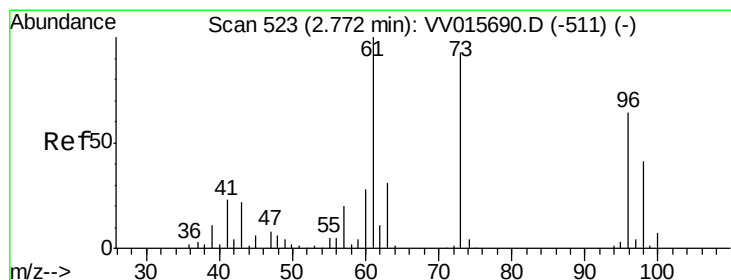
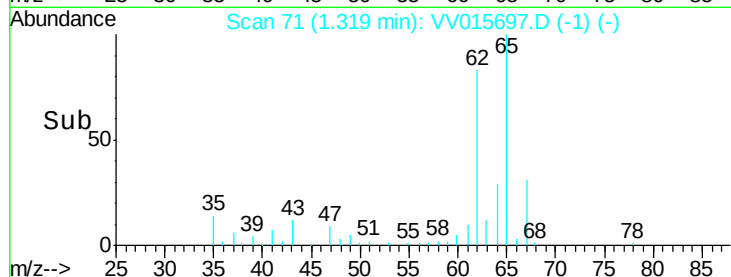
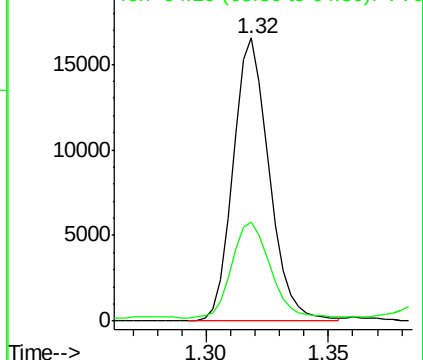
62 100

64 35.0 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: 0.193 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

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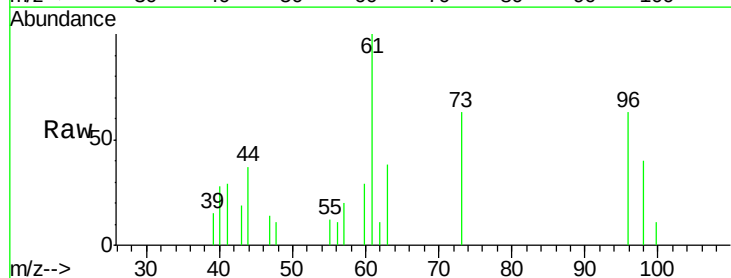
Tgt Ion: 96 Resp: 1573

Ion Ratio Lower Upper

96 100

61 158.6 105.5 195.9

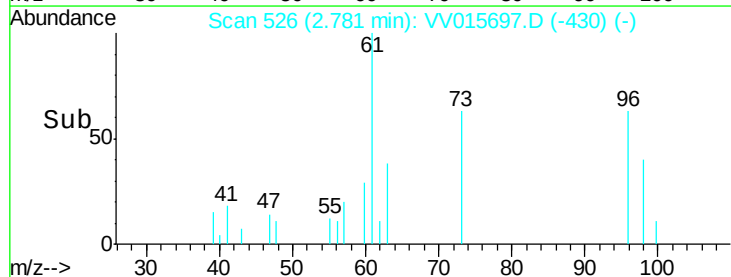
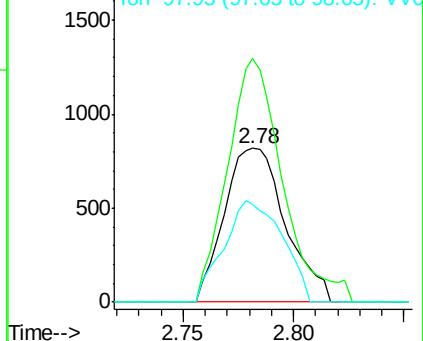
98 63.5 44.2 82.0

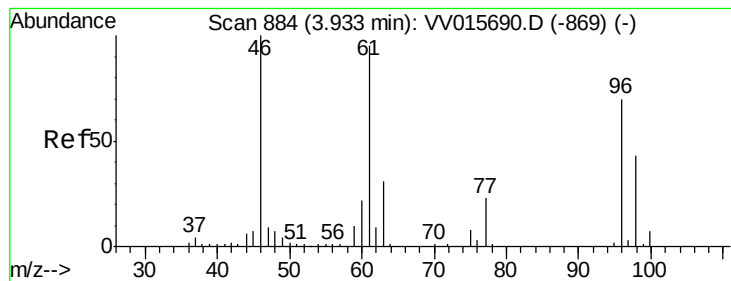


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0





#22

cis-1,2-Dichloroethene

Concen: 6.591 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

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Tot Ion: 96 Resp: 59396

Ion Ratio Lower Upper

96 100

61 142.3 96.4 179.0

68 0.0 0.0 0.0

