

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015745.D
 Acq On : 28 Apr 2020 14:30
 Operator : SY/MD
 Sample : L2370-20DL 40X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKN8DL

Quant Time: Apr 29 01:02:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 00:40:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	126736	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122007	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56495	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39431	5.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.00%
7) Chloroethane-d5	1.57	69	32360	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.11	63	55881	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	3.95	46	91204	42.89	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.78%
24) Chloroform-d	4.37	84	67122	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.06	65	40112	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.07	84	135392	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.09	67	41769	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.34	98	118916	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.64	79	13263	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.11	63	64375	36.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.38%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27663	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	41911	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

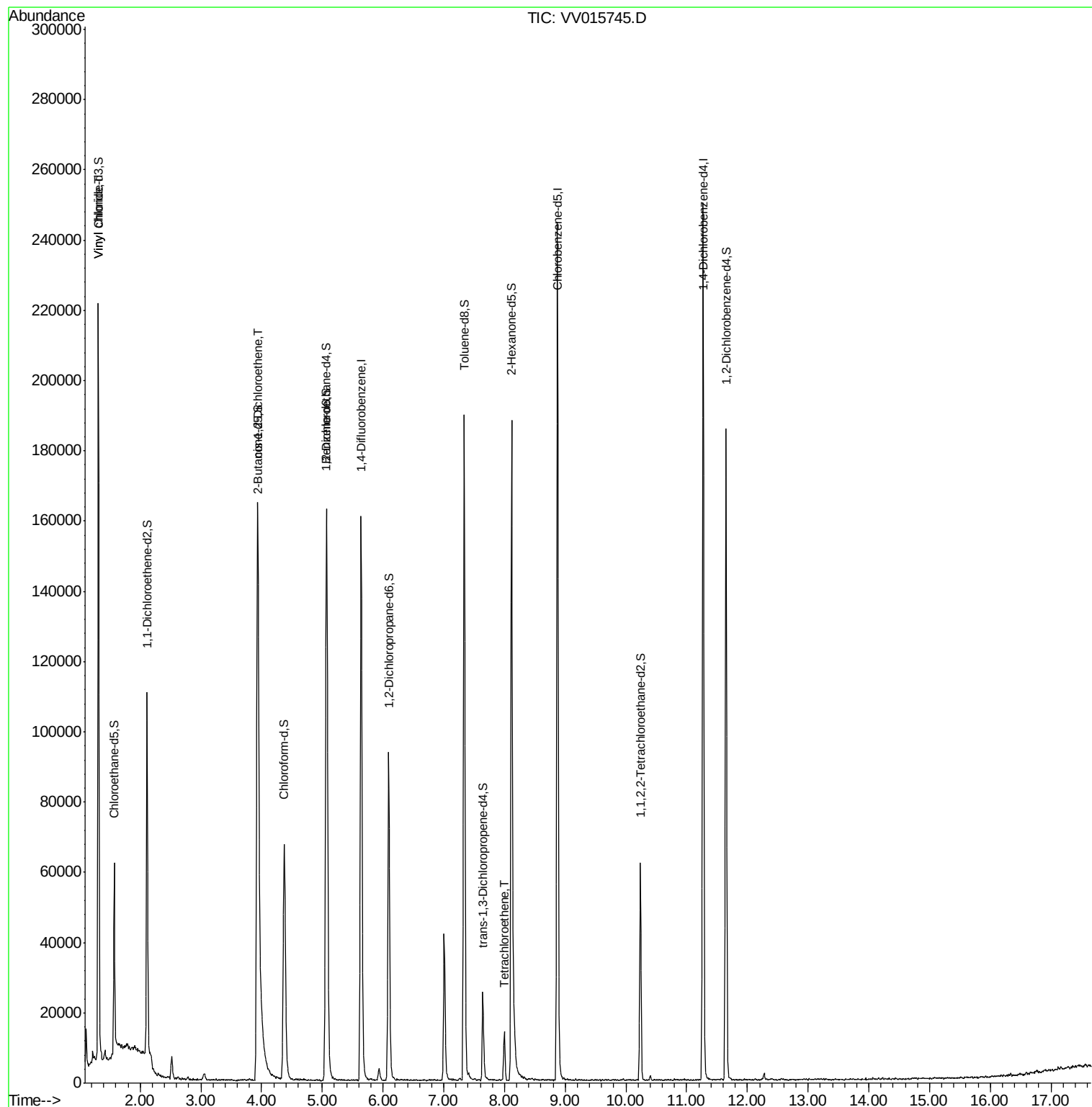
					Ovalue
5) Vinyl chloride	1.32	62	96822	9.653 ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	75368	8.253 ug/L	93
47) Tetrachloroethene	8.00	164	2847	0.411 ug/L	92

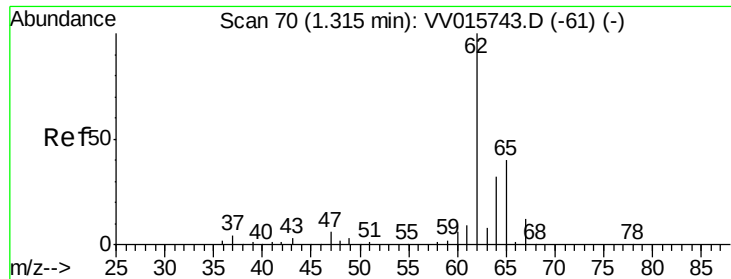
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 9.653 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

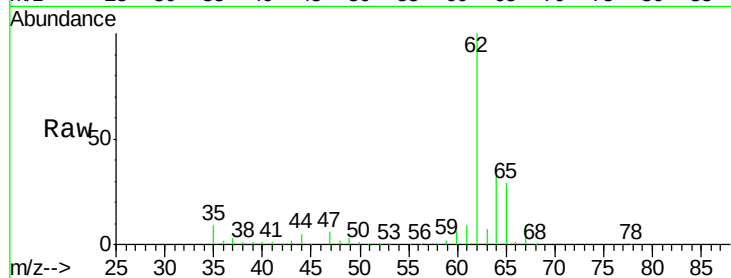
ETKN8DL

Tot Ion: 62 Resp: 96822

Ion Ratio Lower Upper

62 100

64 32.9 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

100000

80000

60000

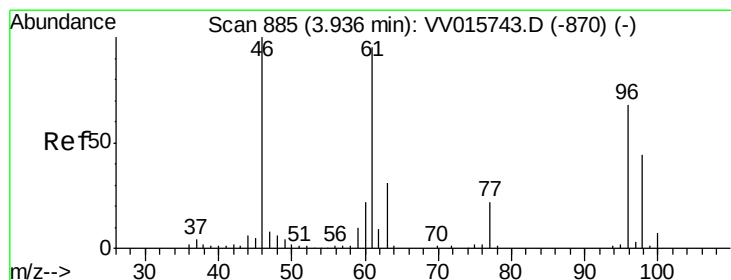
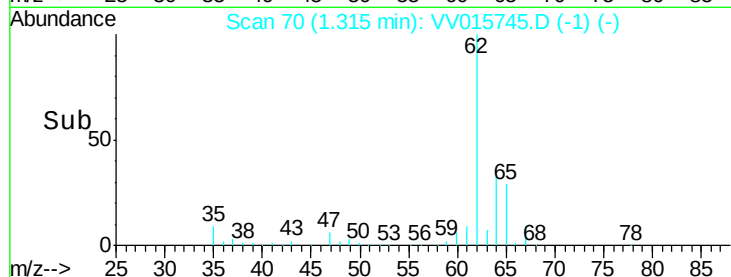
40000

20000

0

Time-->

1.25 1.30 1.35 1.40



#22

cis-1,2-Dichloroethene

Concen: 8.253 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

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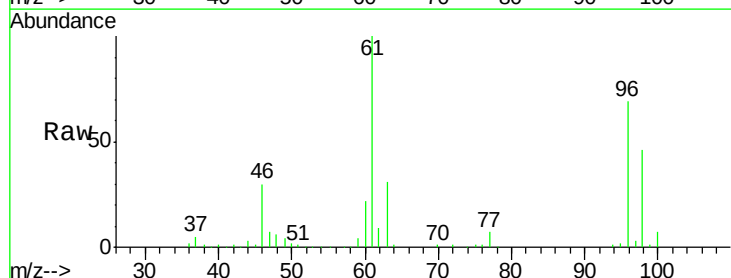
Tgt Ion: 96 Resp: 75368

Ion Ratio Lower Upper

96 100

61 145.8 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

60000

50000

40000

30000

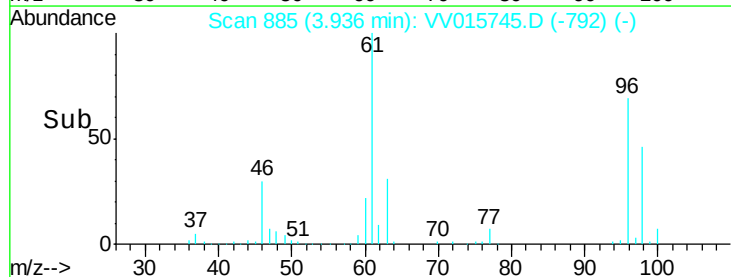
20000

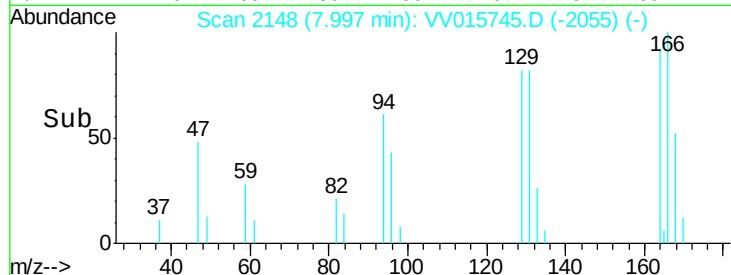
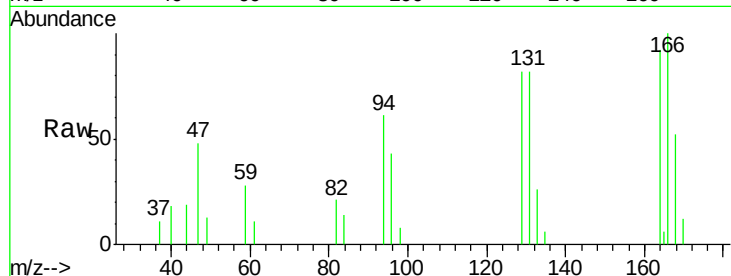
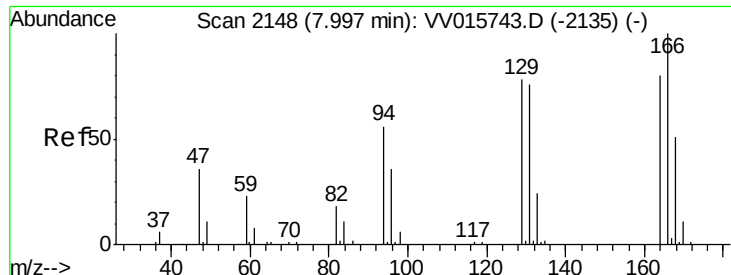
10000

0

Time-->

3.85 3.90 3.95 4.00 4.05





#47

Tetrachloroethene

Concen: 0.411 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

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MSVOA_V

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Tot Ion:164 Resp: 2847

Ion Ratio Lower Upper

164 100

129 89.4 66.7 123.9

131 88.8 66.6 123.6

166 108.6 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

