

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017840.D
 Acq On : 07 Aug 2020 15:16
 Operator : SY/MD
 Sample : L3590-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L24

Quant Time: Aug 08 01:30:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 00:22:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	225581	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	224516	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128157	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40437	36.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.52%
7) Chloroethane-d5	1.58	69	41050	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.42%
11) 1,1-Dichloroethene-d2	2.12	63	84971	32.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.28%
21) 2-Butanone-d5	3.91	46	77420	93.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.60%
24) Chloroform-d	4.38	84	143518	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
26) 1,2-Dichloroethane-d4	5.06	65	115929	52.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.58%
32) Benzene-d6	5.07	84	241472	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.92%
36) 1,2-Dichloropropane-d6	6.09	67	64130	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.44%
41) Toluene-d8	7.34	98	240034	46.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.16%
43) trans-1,3-Dichloropropene-	7.64	79	21632	22.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	44.62%#
47) 2-Hexanone-d5	8.11	63	57489	91.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	103739	46.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	128564	51.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.22%

Target Compounds

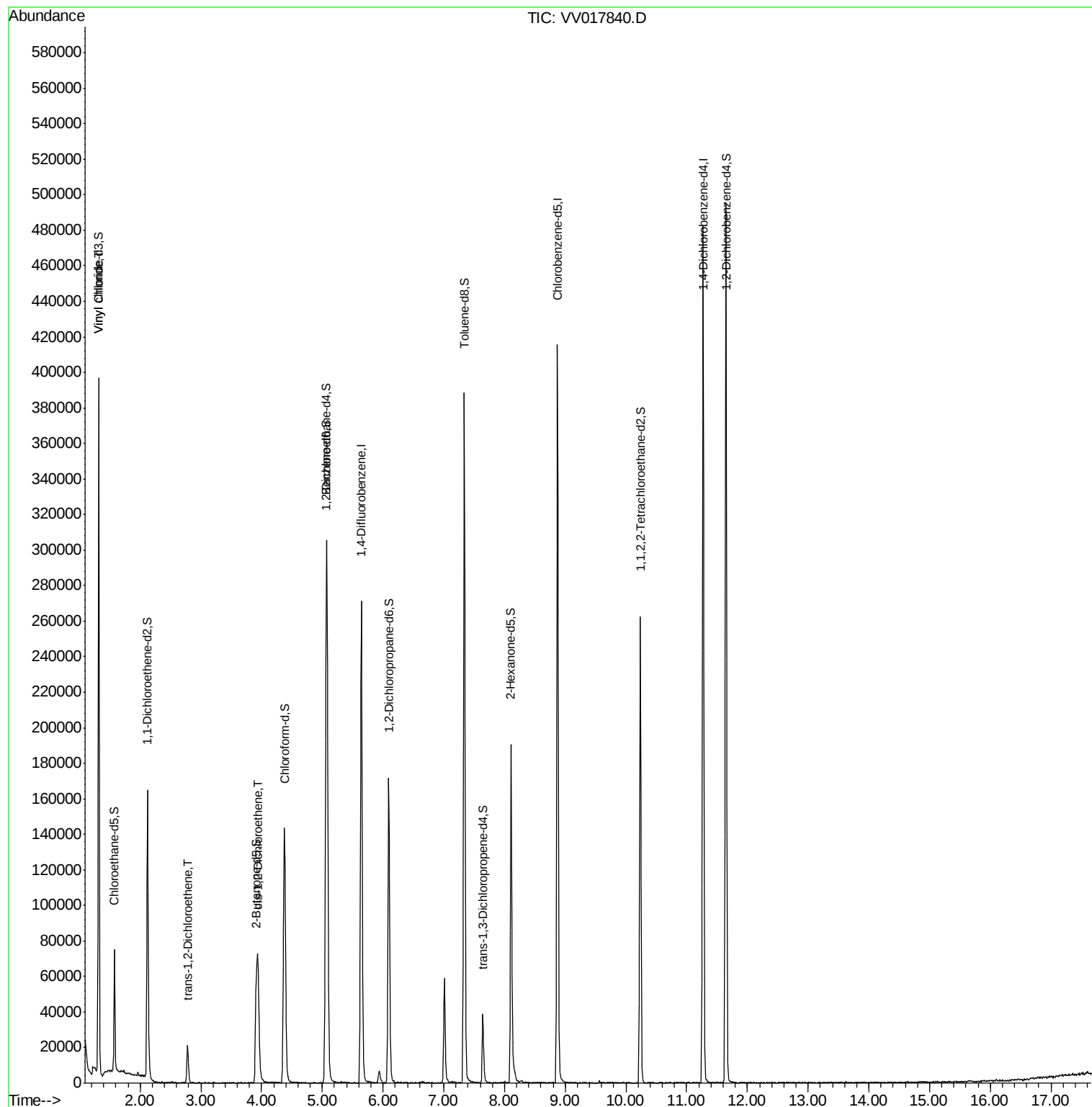
					Ovalue
5) Vinyl chloride	1.32	62	183338	114.566	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	7877	5.145	ug/L 81
20) cis-1,2-Dichloroethene	3.94	96	30811	18.843	ug/L 93

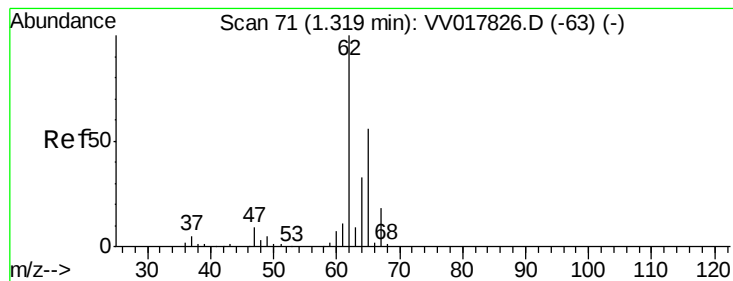
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 114.566 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017840.D

Acq: 07 Aug 2020 15:16

Instrument :

MSVOA_V

ClientSampled :

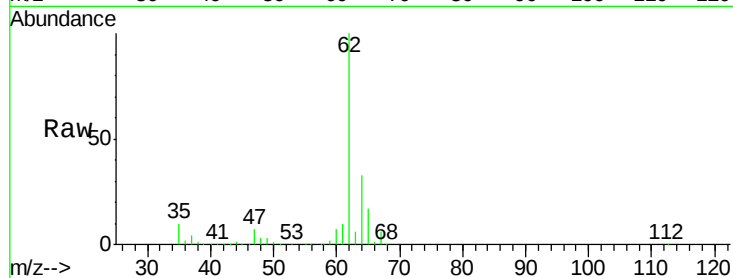
F4L24

Tot Ion: 62 Resp: 183338

Ion Ratio Lower Upper

62 100

64 32.9 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV017826.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV017826.D (-63) (-)

1.32

200000

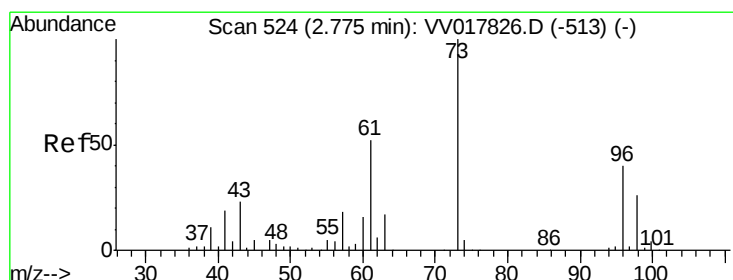
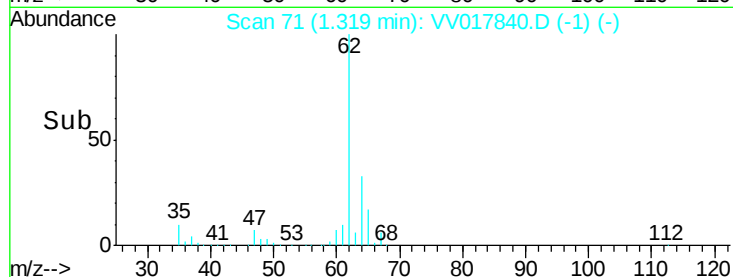
150000

100000

50000

0

Time-->



#17

trans-1,2-Dichloroethene

Concen: 5.145 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017840.D

Acq: 07 Aug 2020 15:16

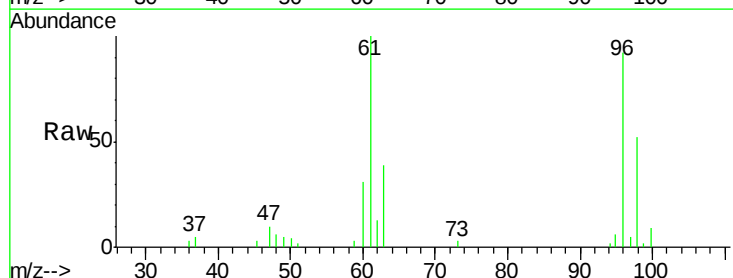
Tgt Ion: 96 Resp: 7877

Ion Ratio Lower Upper

96 100

61 108.6 96.2 178.8

98 56.8 43.2 80.2



Abundance Ion 96.00 (95.70 to 96.70): VV017826.D (-513) (-)

Ion 61.00 (60.70 to 61.70): VV017826.D (-513) (-)

Ion 98.00 (97.70 to 98.70): VV017826.D (-513) (-)

2.78

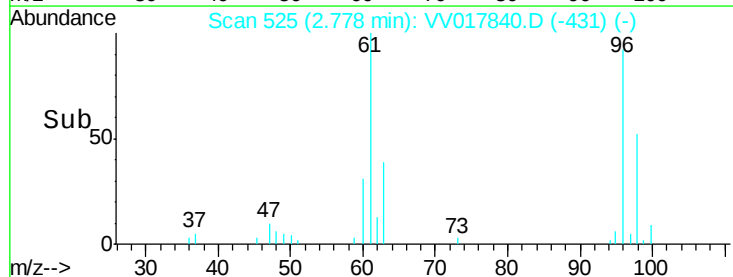
6000

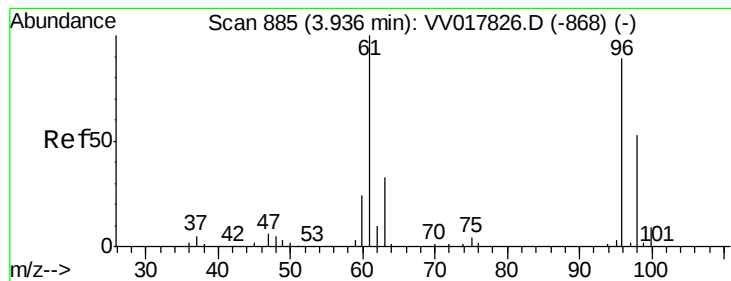
4000

2000

0

Time-->





#20
 cis-1,2-Dichloroethene
 Concen: 18.843 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017840.D
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Tot Ion: 96 Resp: 30811
 Ion Ratio Lower Upper
 96 100
 61 116.7 87.3 162.1
 68 0.0 0.0 0.0

