

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016608.D
 Acq On : 06 Jun 2020 23:47
 Operator : SY/MD
 Sample : L2875-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS8

Quant Time: Jun 07 01:50:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Jun 07 01:25:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	375106	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344710	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159432	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	124980	47.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.08%
7) Chloroethane-d5	1.56	69	80777	42.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.22%
11) 1,1-Dichloroethene-d2	2.12	63	162276	34.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.92%
21) 2-Butanone-d5	3.89	46	195157	114.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.88%
24) Chloroform-d	4.37	84	246730	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
26) 1,2-Dichloroethane-d4	5.05	65	174854	52.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.74%
32) Benzene-d6	5.07	84	497644	53.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.78%
36) 1,2-Dichloropropane-d6	6.09	67	155702	54.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.24%
41) Toluene-d8	7.34	98	444137	52.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.92%
43) trans-1,3-Dichloropropene-	7.64	79	71032	50.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.32%
47) 2-Hexanone-d5	8.11	63	143905	116.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	201516	51.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	174983	58.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.80%

Target Compounds

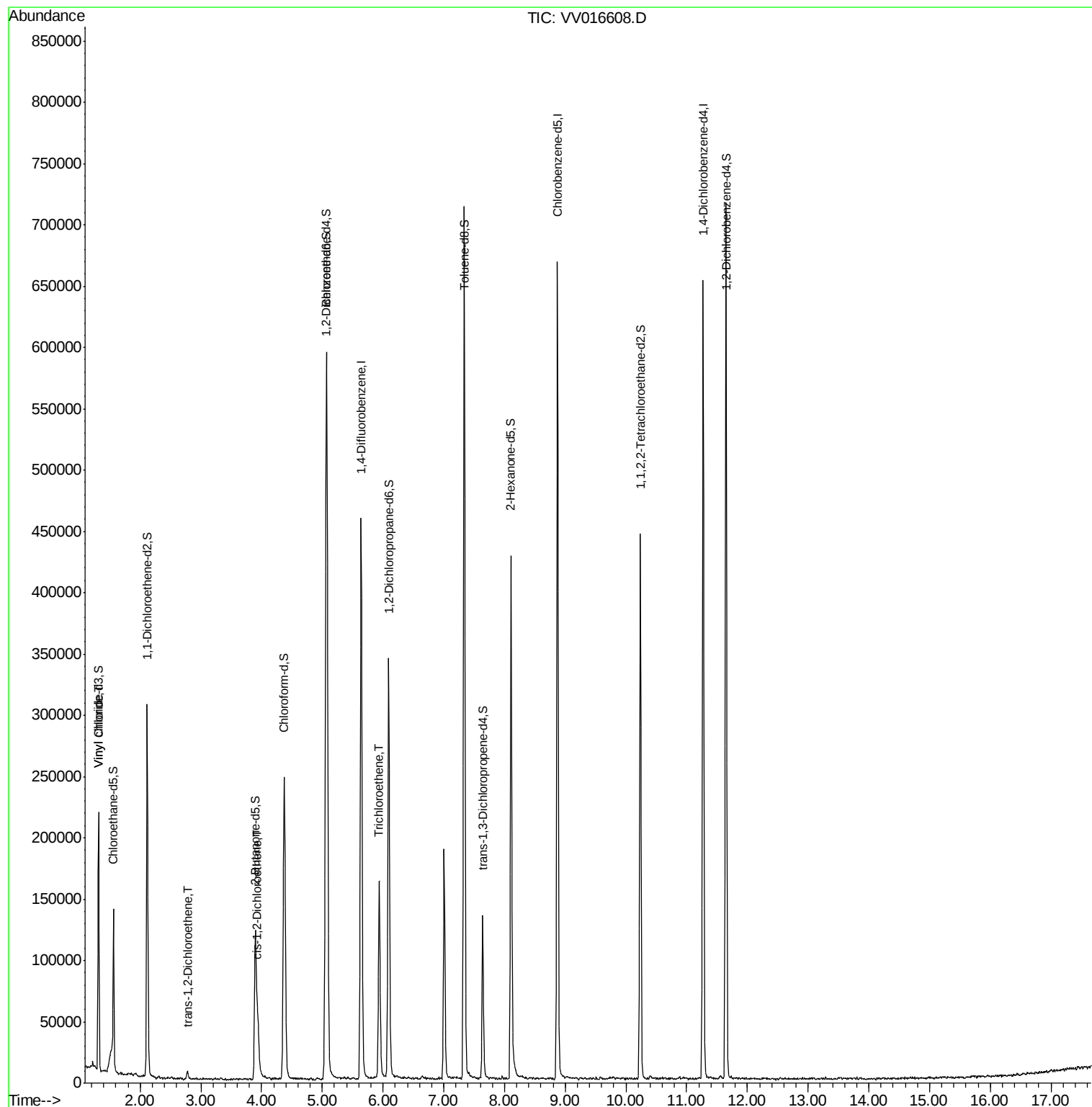
					Ovalue
5) Vinyl chloride	1.32	62	9601	3.332 ug/L	# 70
17) trans-1,2-Dichloroethene	2.78	96	2123	0.808 ug/L	89
20) cis-1,2-Dichloroethene	3.94	96	19172	6.761 ug/L	99
34) Trichloroethene	5.94	95	53845	20.242 ug/L	96

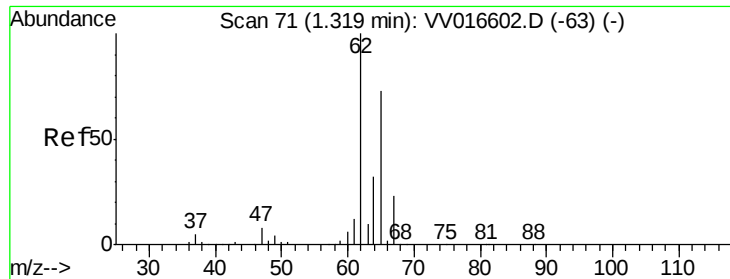
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.332 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016608.D

Acq: 06 Jun 2020 23:47

Instrument :

MSVOA_V

ClientSampled :

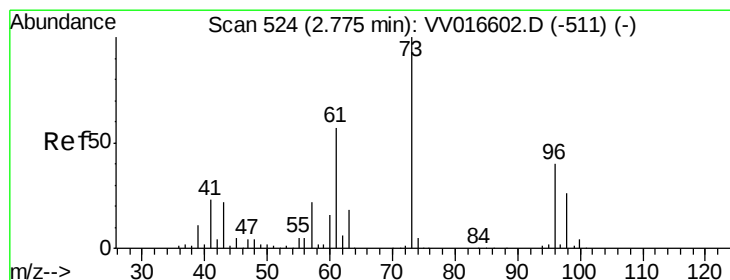
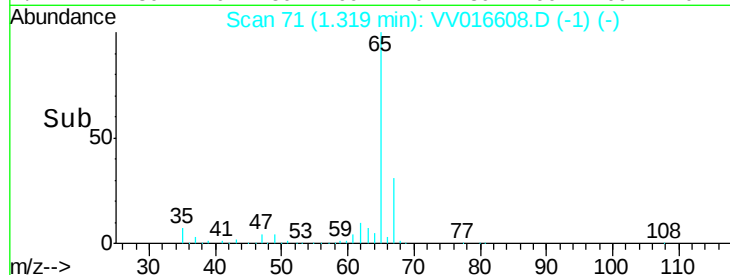
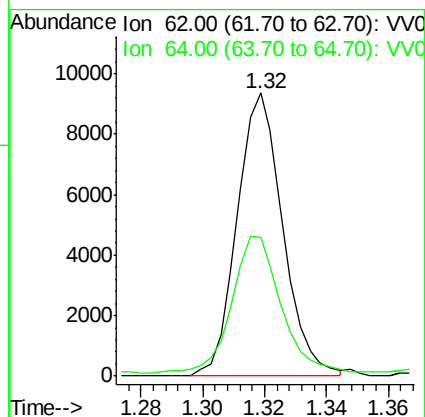
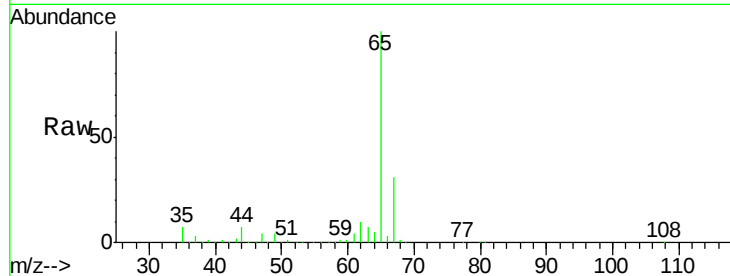
ETTS8

Tot Ion: 62 Resp: 9601

Ion Ratio Lower Upper

62 100

64 49.1 22.7 42.1#



#17

trans-1,2-Dichloroethene

Concen: 0.808 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

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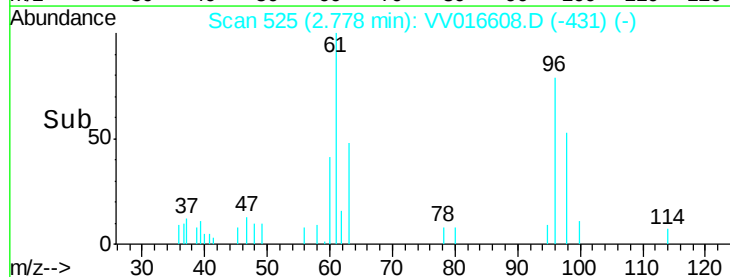
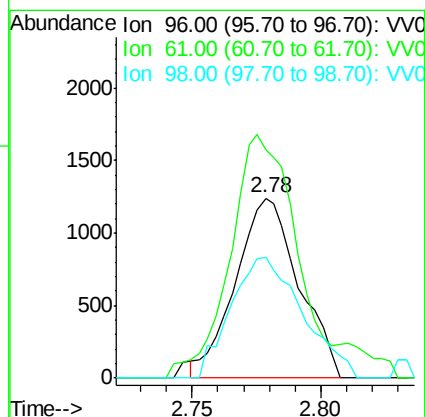
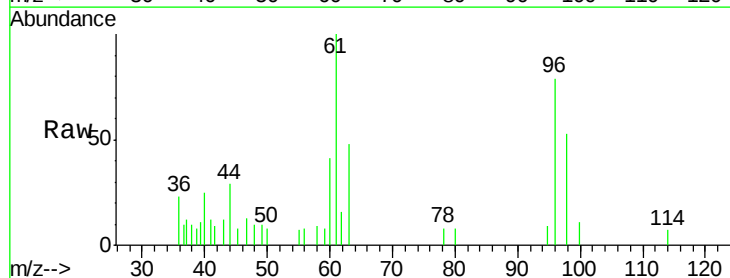
Tgt Ion: 96 Resp: 2123

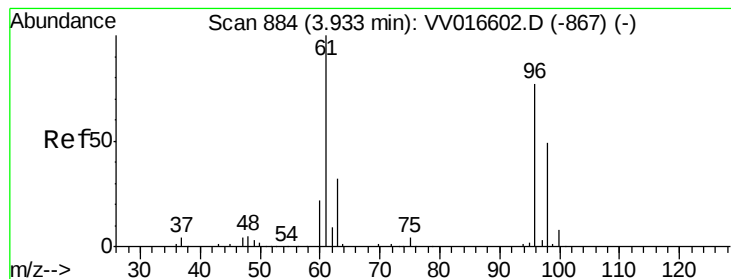
Ion Ratio Lower Upper

96 100

61 127.0 101.0 187.6

98 67.3 44.7 83.1



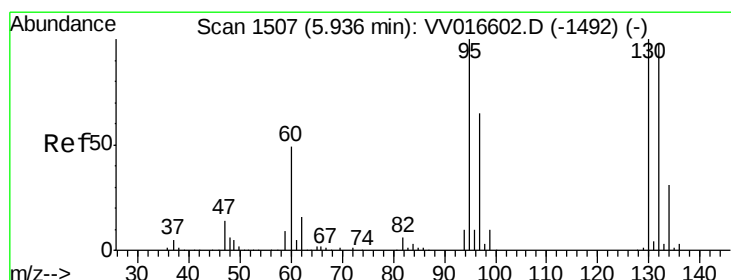
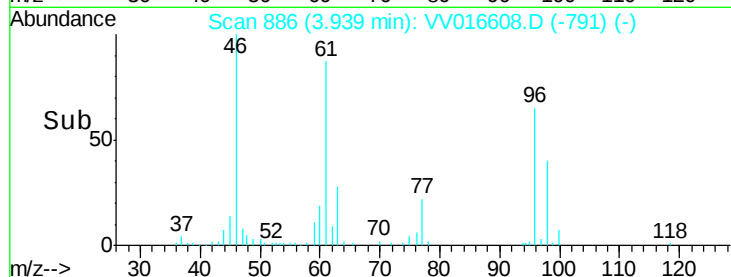
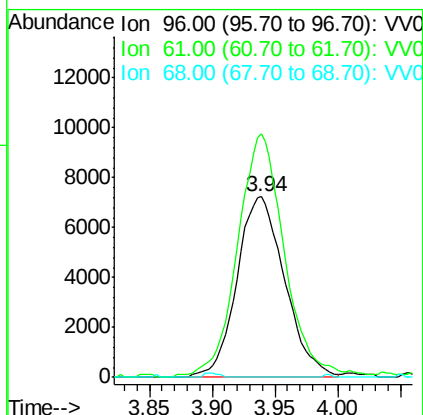
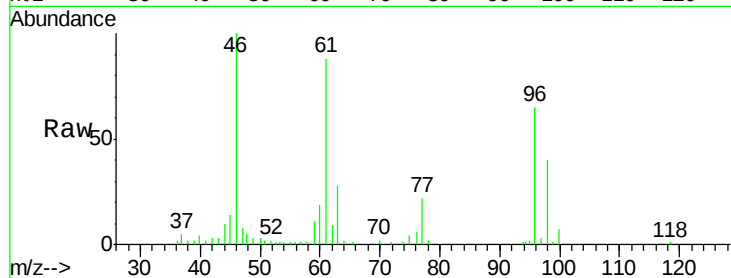


#20

cis-1,2-Dichloroethene
Concen: 6.761 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
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Instrument :
MSVOA_V
ClientSampleId :
ETTS8

Tot Ion: 96 Resp: 19172
Ion Ratio Lower Upper
96 100
61 134.9 93.4 173.4
68 0.0 0.0 0.0



#34

Trichloroethene
Concen: 20.242 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV016608.D
Acq: 06 Jun 2020 23:47

Tgt Ion: 95 Resp: 53845
Ion Ratio Lower Upper
95 100
97 65.2 42.8 79.6
132 96.2 65.6 121.8
130 101.9 69.0 128.1

