

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015199.D
 Acq On : 27 Mar 2020 06:59
 Operator : SY/MD
 Sample : L1976-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTJ6

Quant Time: Mar 27 08:21:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 06:56:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	581760	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	550578	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	232346	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	145710	46.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.36%
7) Chloroethane-d5	1.58	69	150923	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.92%
11) 1,1-Dichloroethene-d2	2.12	63	229723	32.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.56%
21) 2-Butanone-d5	3.94	46	263252	84.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.71%
24) Chloroform-d	4.38	84	323583	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	223164	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
32) Benzene-d6	5.08	84	610247	53.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.76%
36) 1,2-Dichloropropane-d6	6.10	67	206653	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.18%
41) Toluene-d8	7.34	98	554121	53.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.98%
43) trans-1,3-Dichloropropene-	7.64	79	72774	32.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.42%
47) 2-Hexanone-d5	8.12	63	210898	88.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	314048	45.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	210771	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%

Target Compounds

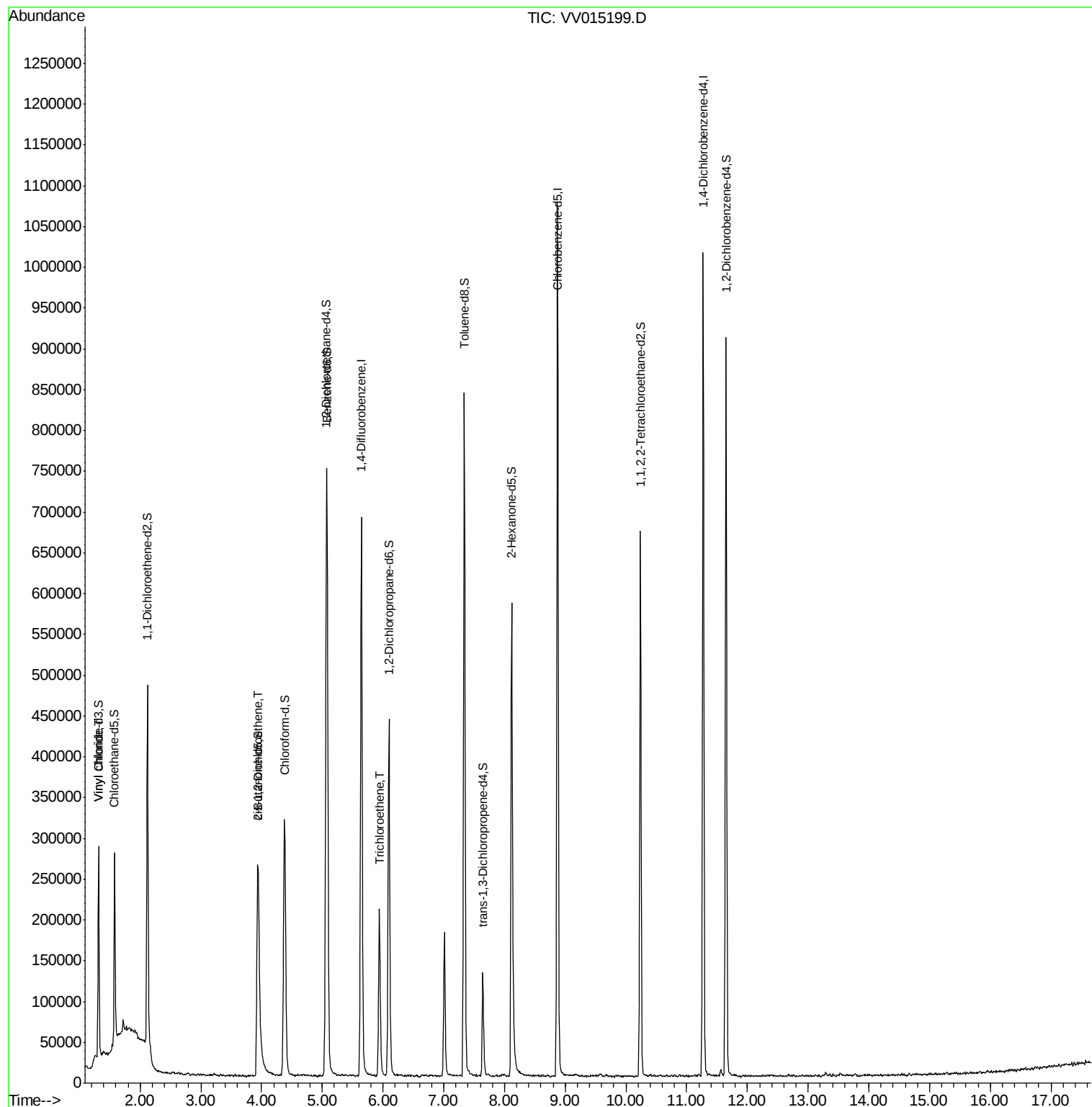
					Ovalue
5) Vinyl chloride	1.32	62	12779	2.238	ug/L # 60
20) cis-1,2-Dichloroethene	3.94	96	84738	18.655	ug/L # 93
34) Trichloroethene	5.94	95	71577	16.763	ug/L 97

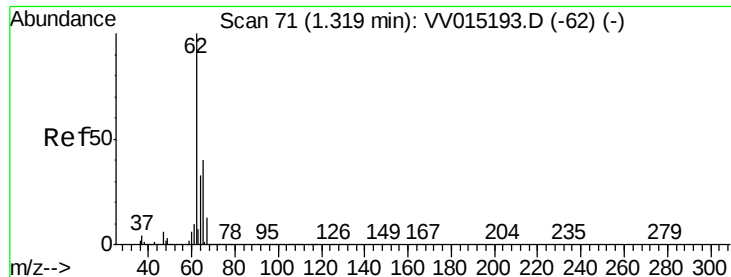
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.238 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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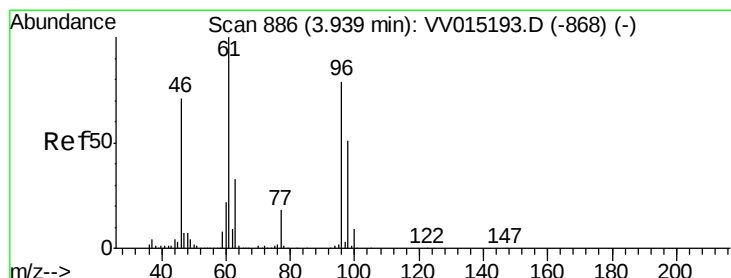
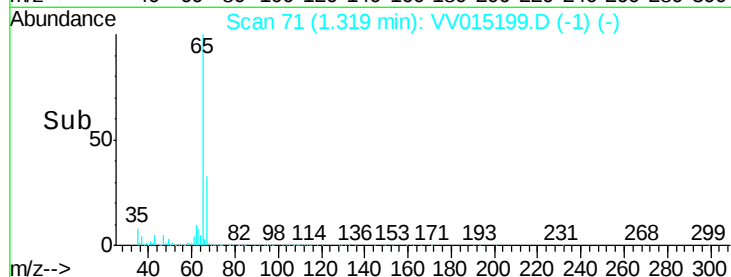
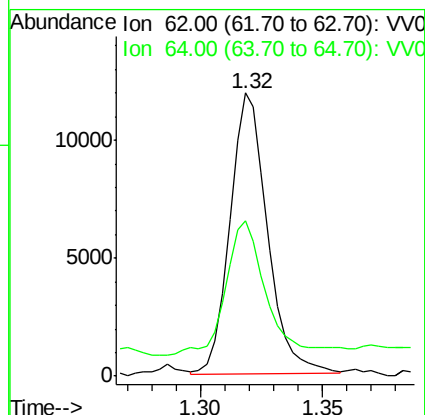
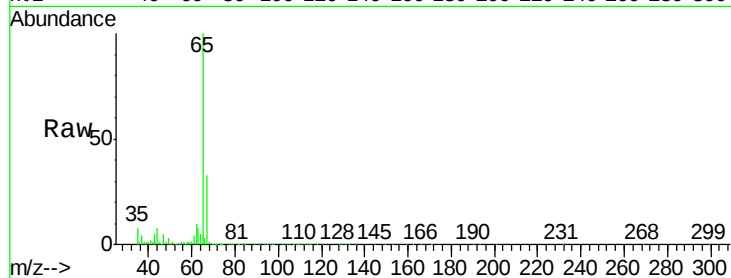
ETTJ6

Tot Ion: 62 Resp: 12779

Ion Ratio Lower Upper

62 100

64 55.0 22.8 42.4#



#20

cis-1,2-Dichloroethene

Concen: 18.655 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

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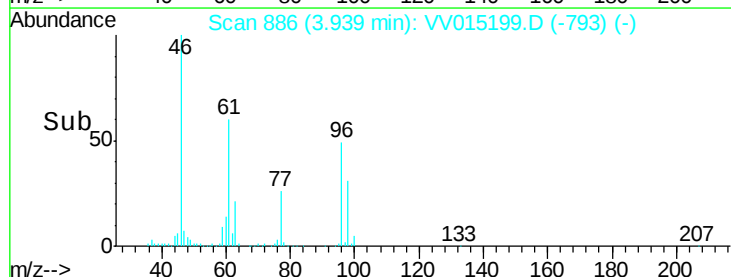
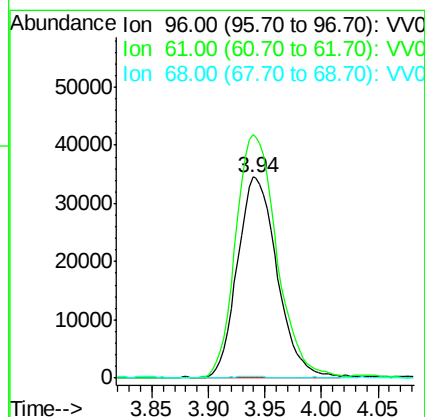
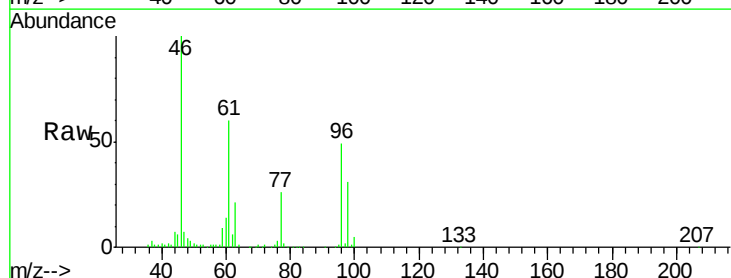
Tgt Ion: 96 Resp: 84738

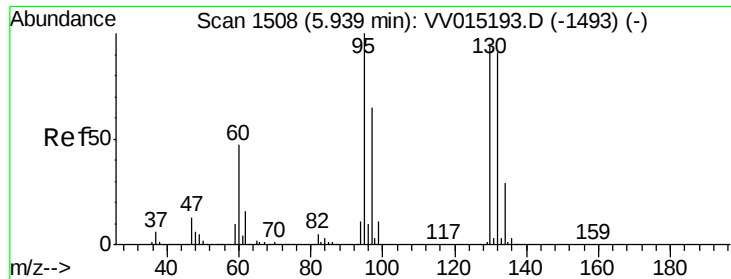
Ion Ratio Lower Upper

96 100

61 121.1 90.2 167.4

68 0.7 0.1 0.3#





#34

Trichloroethene

Concen: 16.763 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV015199.D

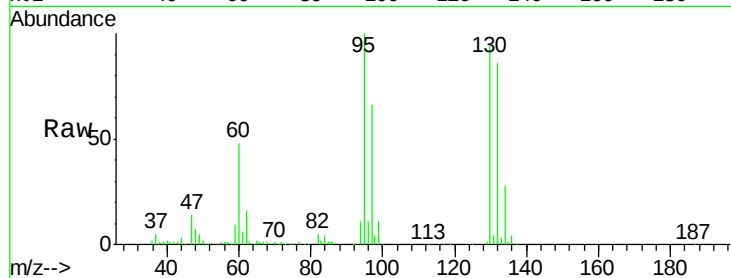
Acq: 27 Mar 2020 06:59

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ETTJ6



Tot Ion: 95 Resp: 71577

Ion Ratio Lower Upper

95 100

97 65.8 44.8 83.2

132 85.6 63.2 117.4

130 94.2 66.8 124.0

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

