

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015198.D
 Acq On : 27 Mar 2020 06:35
 Operator : SY/MD
 Sample : L1976-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 07:05:00 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	591228	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	559085	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	236312	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	147269	46.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.86%
7) Chloroethane-d5	1.58	69	154419	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.58%
11) 1,1-Dichloroethene-d2	2.12	63	233097	32.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.46%
21) 2-Butanone-d5	3.93	46	278033	88.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.03%
24) Chloroform-d	4.38	84	320385	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	5.06	65	221246	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
32) Benzene-d6	5.08	84	620772	53.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.96%
36) 1,2-Dichloropropane-d6	6.10	67	208203	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.38%
41) Toluene-d8	7.34	98	569969	54.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.38%
43) trans-1,3-Dichloropropene-	7.64	79	72483	32.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.16%
47) 2-Hexanone-d5	8.12	63	212115	87.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	320624	45.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	216360	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%

Target Compounds

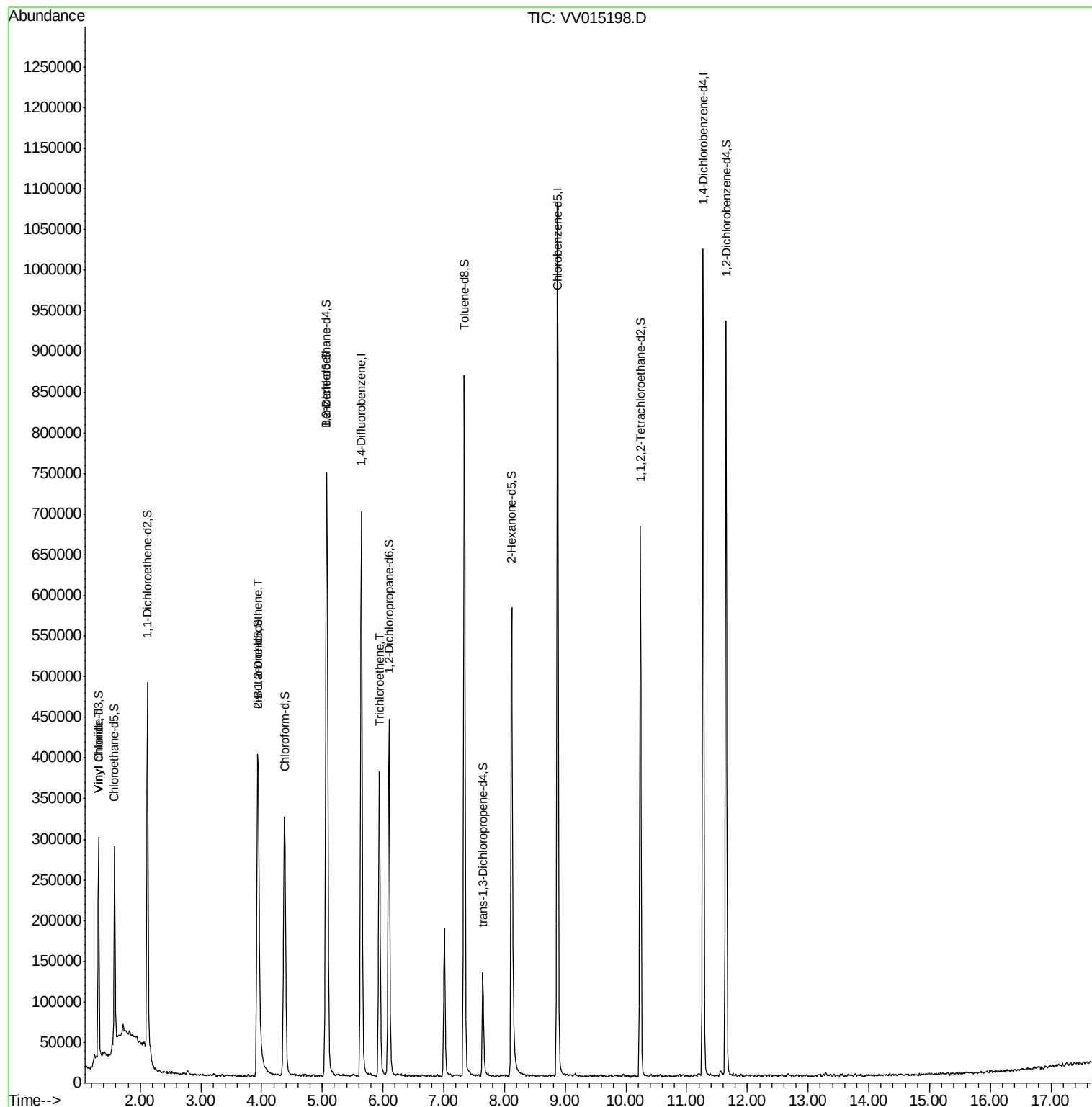
					Ovalue
5) Vinyl chloride	1.32	62	21024	3.623 ug/L	# 76
20) cis-1,2-Dichloroethene	3.94	96	160022	34.665 ug/L	98
34) Trichloroethene	5.94	95	130628	30.127 ug/L	99

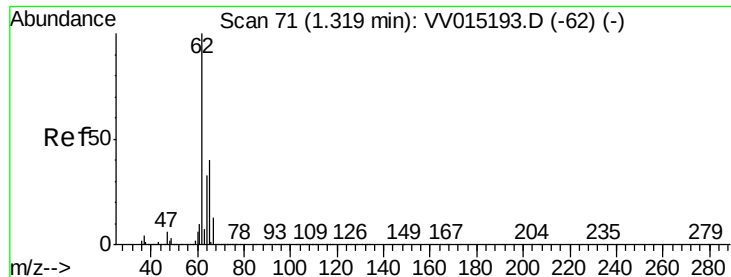
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.623 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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Acq: 27 Mar 2020 06:35

Instrument :

MSVOA_V

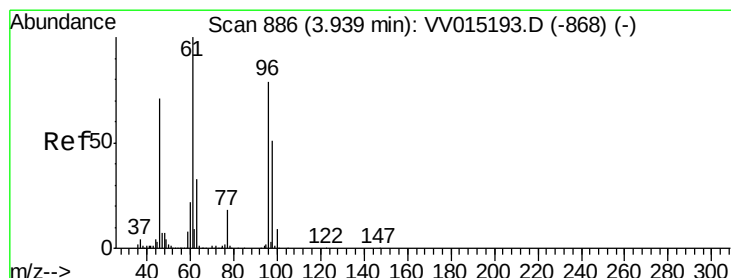
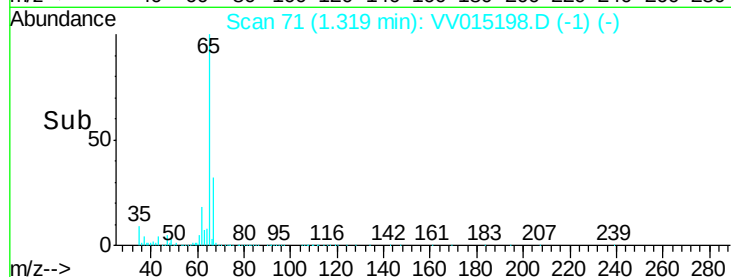
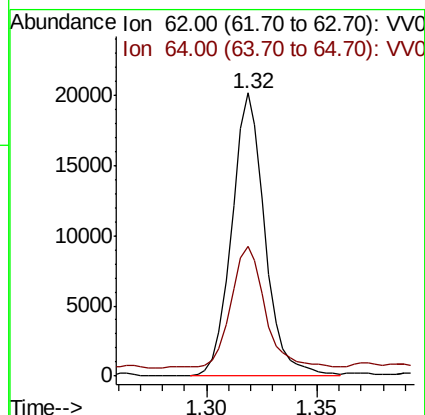
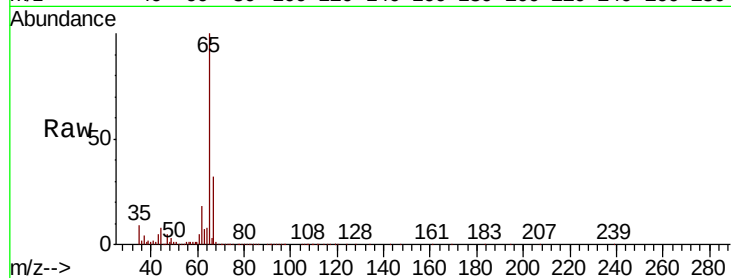
ClientSampled :

Tot Ion: 62 Resp: 21024

Ion Ratio Lower Upper

62 100

64 45.8 22.8 42.4#



#20

cis-1,2-Dichloroethene

Concen: 34.665 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

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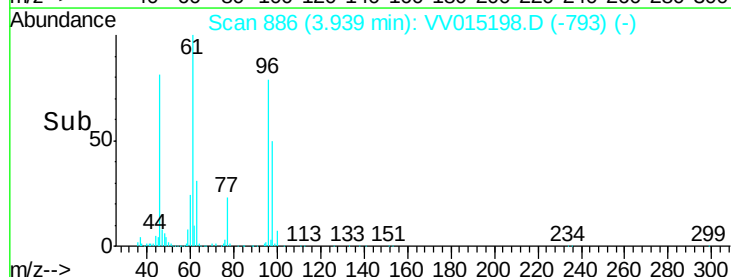
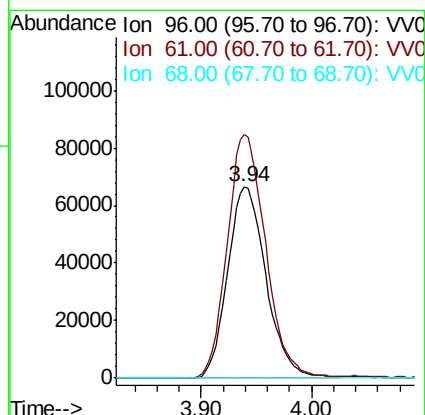
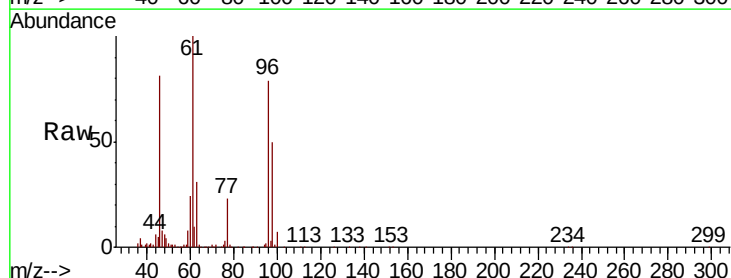
Tgt Ion: 96 Resp: 160022

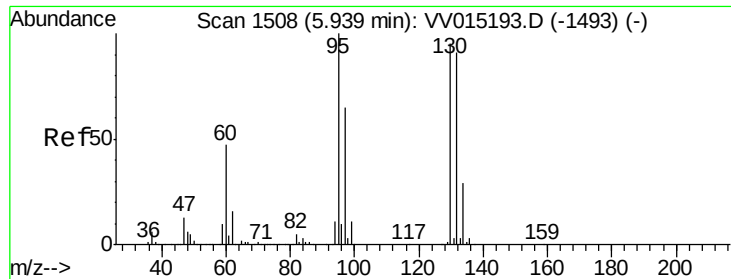
Ion Ratio Lower Upper

96 100

61 127.0 90.2 167.4

68 0.2 0.1 0.3





#34
 Trichloroethene
 Concen: 30.127 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. -0.00 min
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 Acq: 27 Mar 2020 06:35

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	95	Resp:	130628
Ion	Ratio	Lower	Upper
95	100		
97	61.1	44.8	83.2
132	89.7	63.2	117.4
130	95.6	66.8	124.0

