

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\
 Data File : VV012176.D
 Acq On : 10 Aug 2019 02:29
 Operator : SY/MD
 Sample : K4248-14
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B52

Quant Time: Aug 12 04:33:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 05:07:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	253308	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	238088	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	113079	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51941	55.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.48%
7) Chloroethane-d5	1.58	69	28681	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.54%
11) 1,1-Dichloroethene-d2	2.13	63	61493	34.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.82%
21) 2-Butanone-d5	3.93	46	27663	60.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	60.04%
24) Chloroform-d	4.40	84	87229	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.12%
26) 1,2-Dichloroethane-d4	5.08	65	57748	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
32) Benzene-d6	5.10	84	184666	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.06%
36) 1,2-Dichloropropane-d6	6.12	67	48719	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.04%
41) Toluene-d8	7.36	98	169605	48.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.46%
43) trans-1,3-Dichloropropene-	7.66	79	24259	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.16%
47) 2-Hexanone-d5	8.13	63	36919	96.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	66532	48.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.66%
64) 1,2-Dichlorobenzene-d4	11.67	152	68608	51.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.68%

Target Compounds

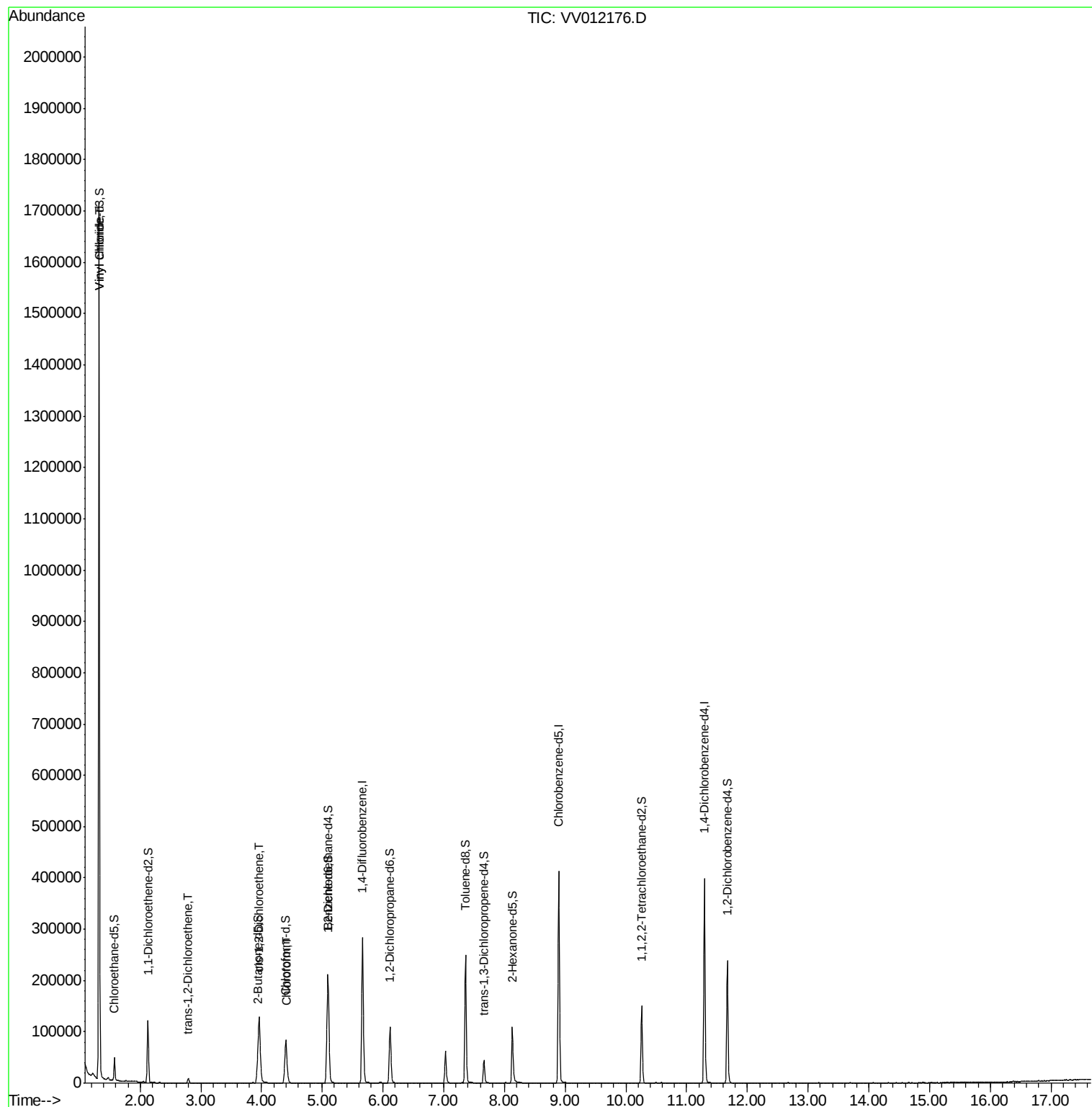
					Ovalue
5) Vinyl chloride	1.32	62	991298	707.818	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	3303	2.203	ug/L 84
20) cis-1,2-Dichloroethene	3.96	96	70138	41.175	ug/L 96
25) Chloroform	4.42	83	5520	1.864	ug/L 91

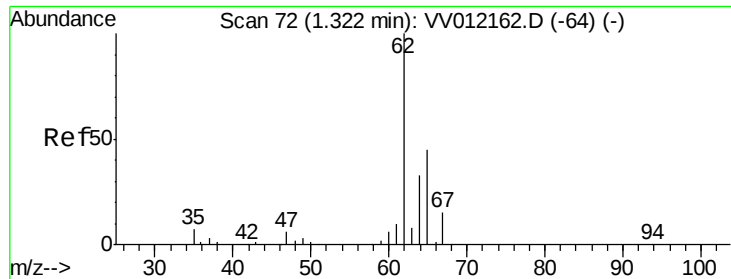
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 05:07:53 2019
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#5

Vinyl chloride

Concen: 707.818 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV012176.D

Acq: 10 Aug 2019 02:29

Instrument :

MSVOA_V

ClientSampled :

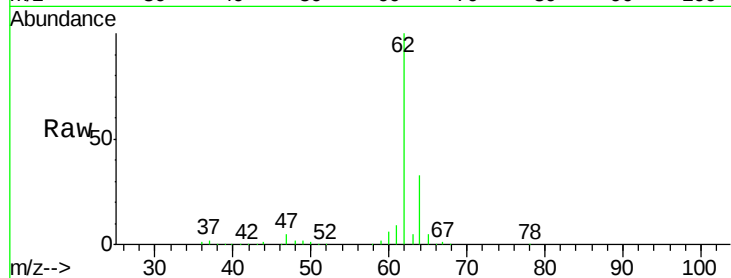
F2B52

Tot Ion: 62 Resp: 991298

Ion Ratio Lower Upper

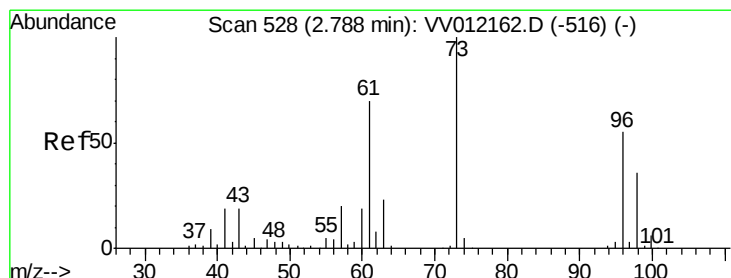
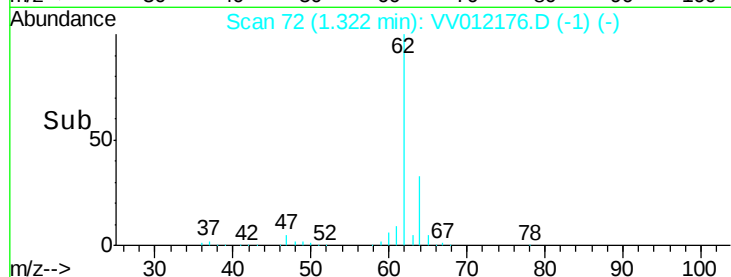
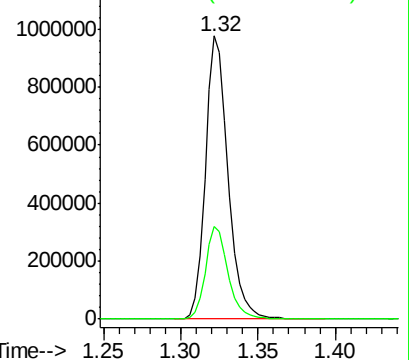
62 100

64 32.8 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 2.203 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV012176.D

Acq: 10 Aug 2019 02:29

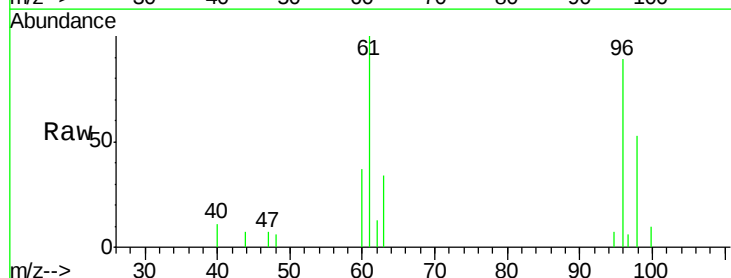
Tgt Ion: 96 Resp: 3303

Ion Ratio Lower Upper

96 100

61 105.8 89.3 165.9

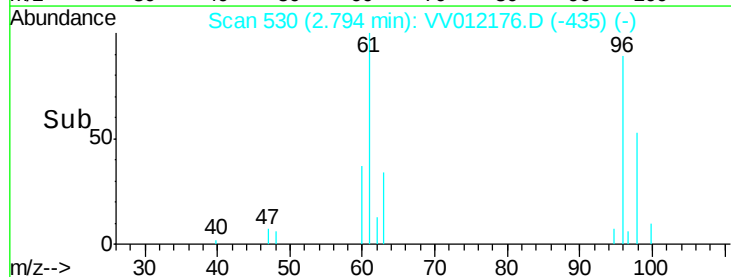
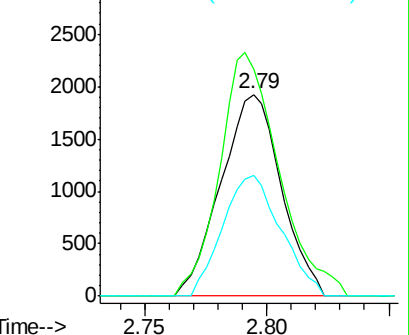
98 56.4 44.7 83.1

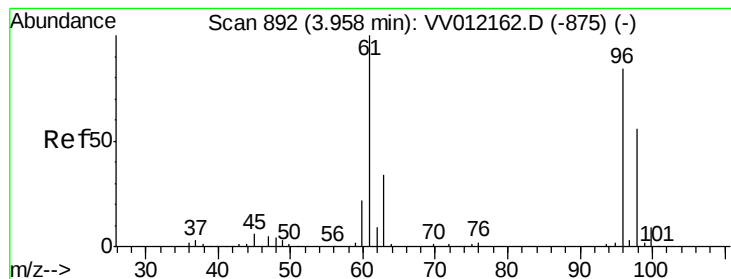


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



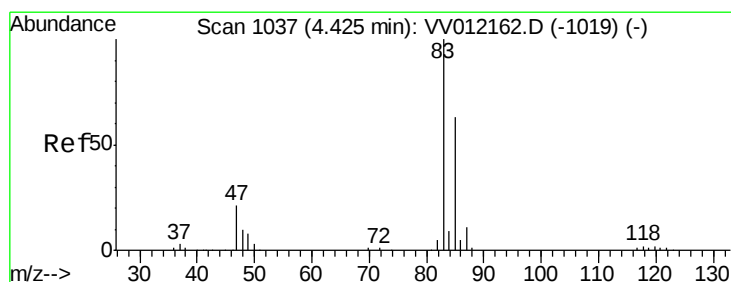
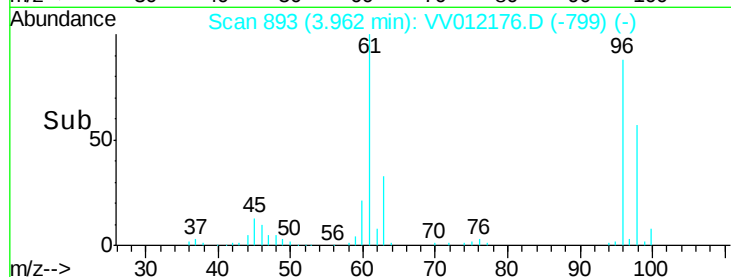
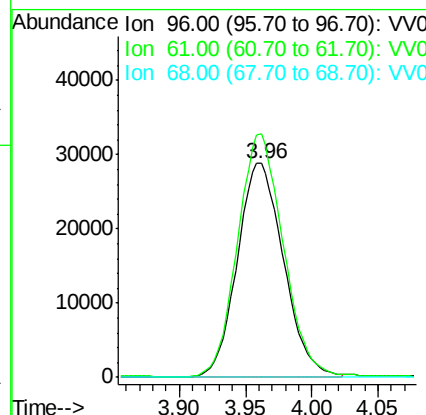
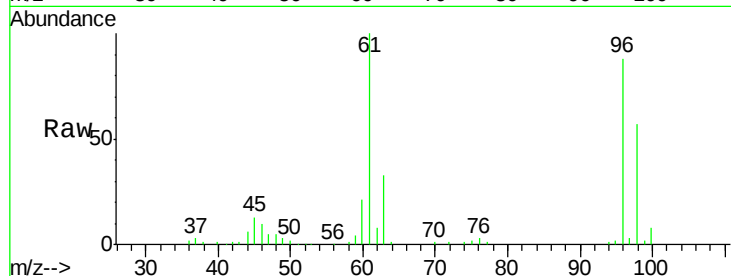


#20

cis-1,2-Dichloroethene
 Concen: 41.175 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
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Tot Ion: 96 Resp: 70138
 Ion Ratio Lower Upper
 96 100
 61 113.8 82.9 153.9
 68 0.0 0.0 0.0



#25

Chloroform
 Concen: 1.864 ug/L
 RT: 4.42 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VV012176.D
 Acq: 10 Aug 2019 02:29

Tgt Ion: 83 Resp: 5520
 Ion Ratio Lower Upper
 83 100
 85 72.5 45.7 84.9

