

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017949.D
 Acq On : 13 Aug 2020 00:57
 Operator : SY/MD
 Sample : L3665-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L25

Quant Time: Aug 13 06:39:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 05:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	248065	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	243275	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	111644	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124748	65.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	131.82%
7) Chloroethane-d5	1.58	69	72991	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.28%
11) 1,1-Dichloroethene-d2	2.12	63	125263	34.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.20%
21) 2-Butanone-d5	3.91	46	121234	97.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.80%
24) Chloroform-d	4.38	84	156904	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	5.06	65	110600	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
32) Benzene-d6	5.08	84	320847	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
36) 1,2-Dichloropropane-d6	6.09	67	104371	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.24%
41) Toluene-d8	7.34	98	280735	46.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.12%
43) trans-1,3-Dichloropropene-	7.64	79	44374	44.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.26%
47) 2-Hexanone-d5	8.11	63	59518	84.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.62%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	130495	45.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	112452	51.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.36%

Target Compounds

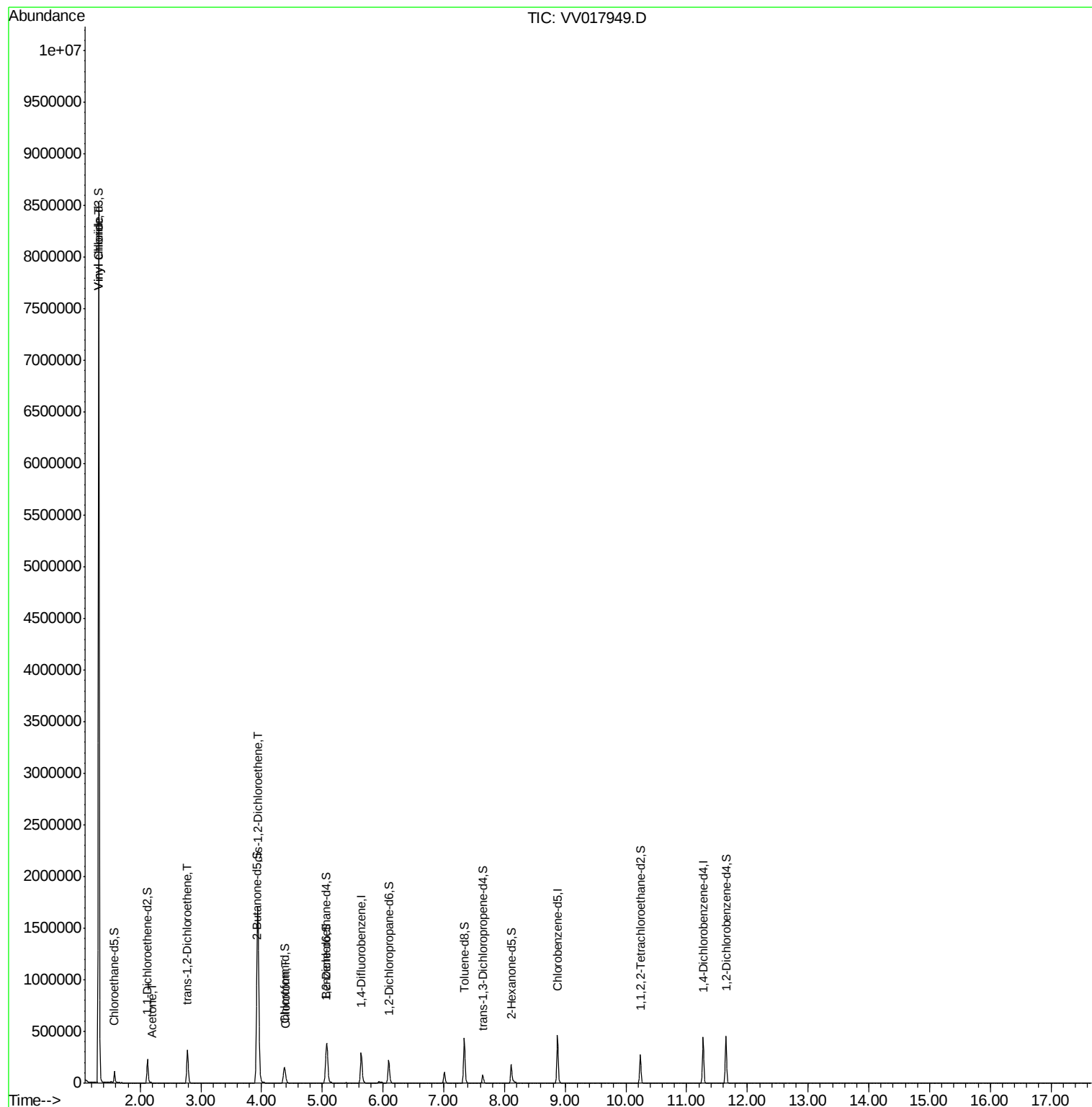
					Ovalue
5) Vinyl chloride	1.32	62	5169999	2345.513	ug/L 94
13) Acetone	2.20	43	2216	1.731	ug/L 63
17) trans-1,2-Dichloroethene	2.78	96	118251	69.133	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	917047	487.872	ug/L 100
25) Chloroform	4.40	83	6405	1.826	ug/L 94

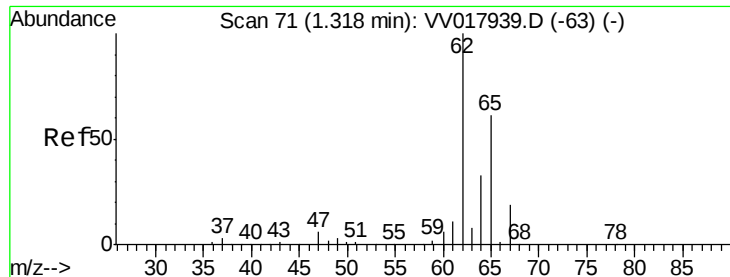
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2345.513 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017949.D

Acq: 13 Aug 2020 00:57

Instrument :

MSVOA_V

ClientSampled :

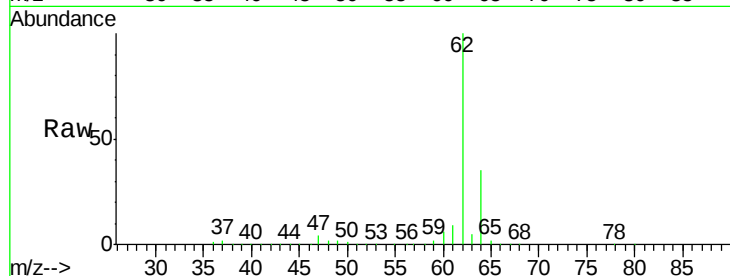
F4L25

Tot Ion: 62 Resp: 5169999

Ion Ratio Lower Upper

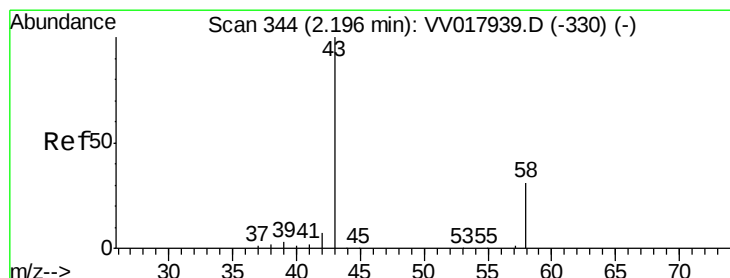
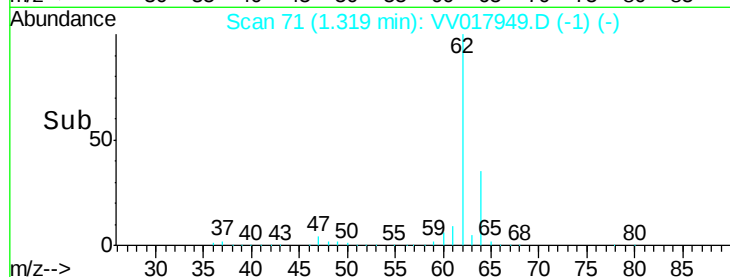
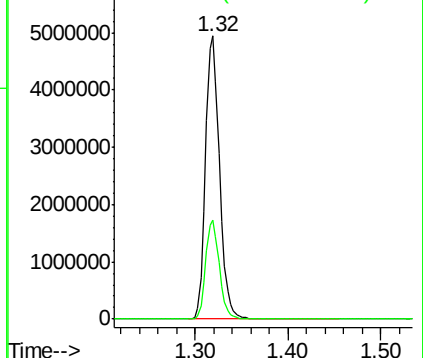
62 100

64 35.2 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#13

Acetone

Concen: 1.731 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV017949.D

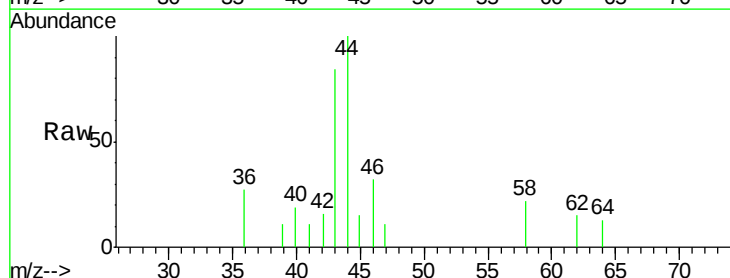
Acq: 13 Aug 2020 00:57

Tgt Ion: 43 Resp: 2216

Ion Ratio Lower Upper

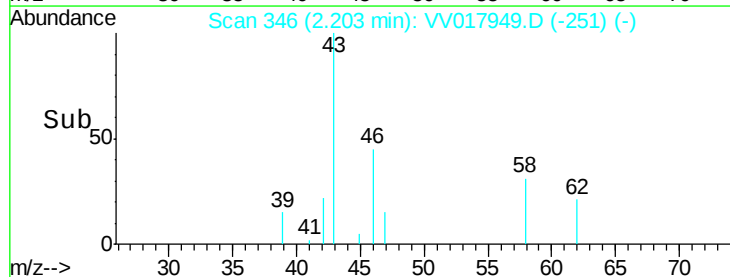
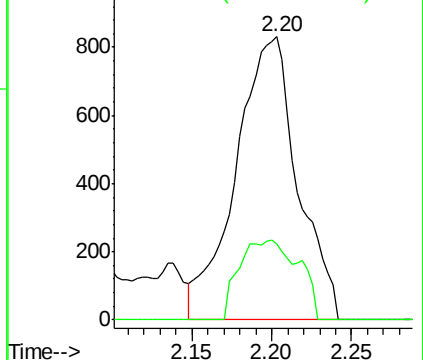
43 100

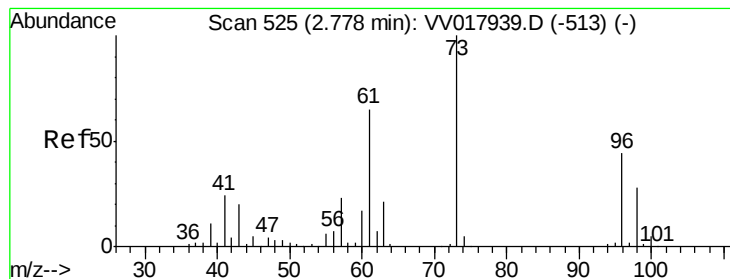
58 11.0 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 69.133 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017949.D

Acq: 13 Aug 2020 00:57

Instrument :

MSVOA_V

ClientSampled :

F4L25

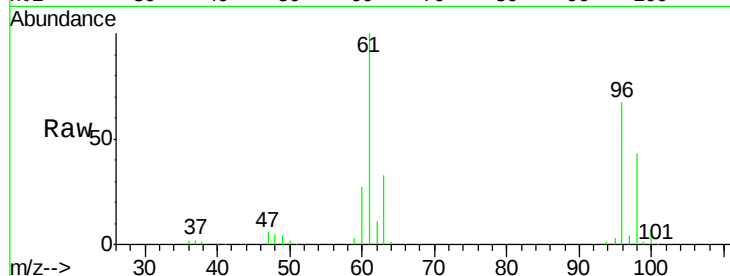
Tot Ion: 96 Resp: 118251

Ion Ratio Lower Upper

96 100

61 148.9 102.4 190.2

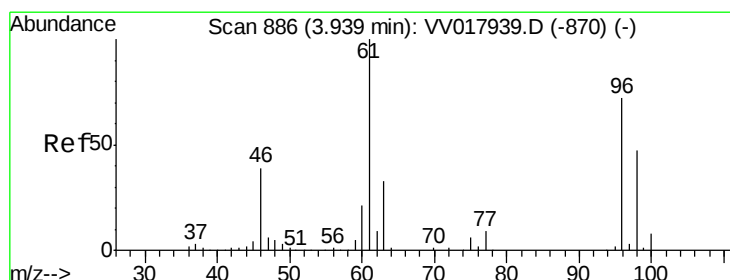
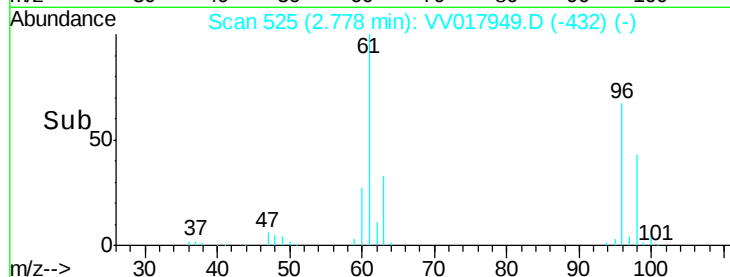
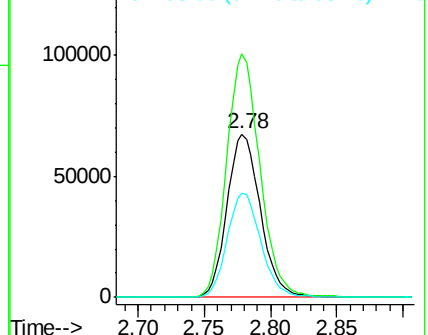
98 64.0 44.4 82.5



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: 487.872 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

Lab File: VV017949.D

Acq: 13 Aug 2020 00:57

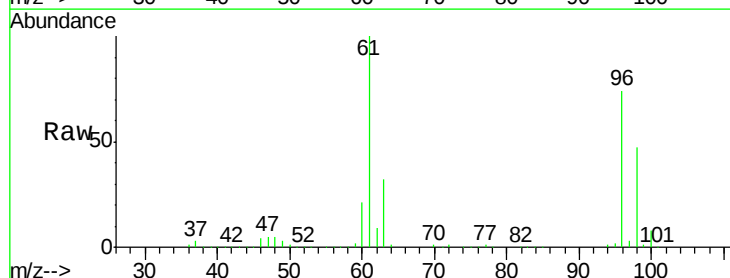
Tgt Ion: 96 Resp: 917047

Ion Ratio Lower Upper

96 100

61 135.6 95.0 176.4

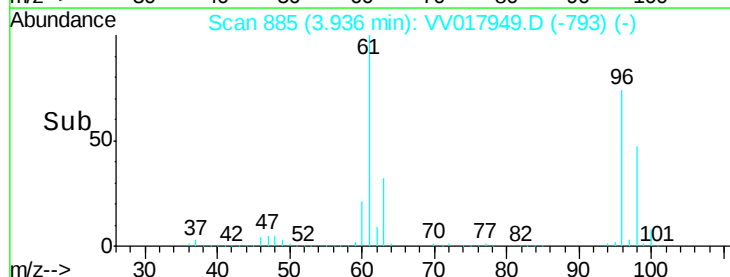
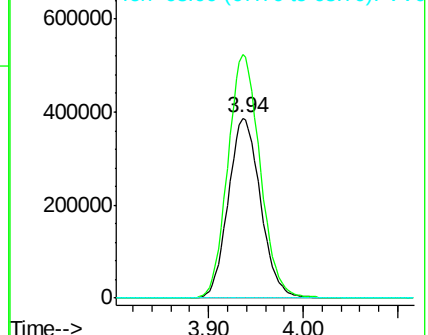
68 0.0 0.0 0.0

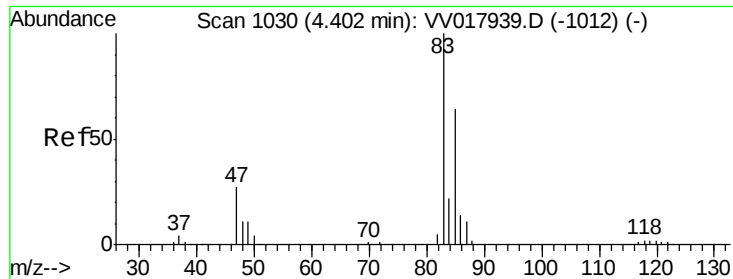


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#25

Chloroform

Concen: 1.826 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV017949.D

Acq: 13 Aug 2020 00:57

Instrument :

MSVOA_V

ClientSampleId :

F4L25

Tot Ion: 83 Resp: 6405

Ion Ratio Lower Upper

83 100

85 69.8 45.5 84.5

