

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017947.D
 Acq On : 13 Aug 2020 00:10
 Operator : SY/MD
 Sample : L3644-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L97

Quant Time: Aug 13 06:30:22 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	243864	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	240681	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	110206	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81271	43.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.36%
7) Chloroethane-d5	1.58	69	72671	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.48%
11) 1,1-Dichloroethene-d2	2.12	63	122740	34.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.98%
21) 2-Butanone-d5	3.91	46	132261	108.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.53%
24) Chloroform-d	4.38	84	153727	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
26) 1,2-Dichloroethane-d4	5.06	65	112525	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
32) Benzene-d6	5.08	84	321633	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
36) 1,2-Dichloropropane-d6	6.09	67	106900	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.60%
41) Toluene-d8	7.34	98	280729	47.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.12%
43) trans-1,3-Dichloropropene-	7.64	79	45104	45.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.72%
47) 2-Hexanone-d5	8.11	63	67026	96.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	137152	48.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	115340	53.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.36%

Target Compounds

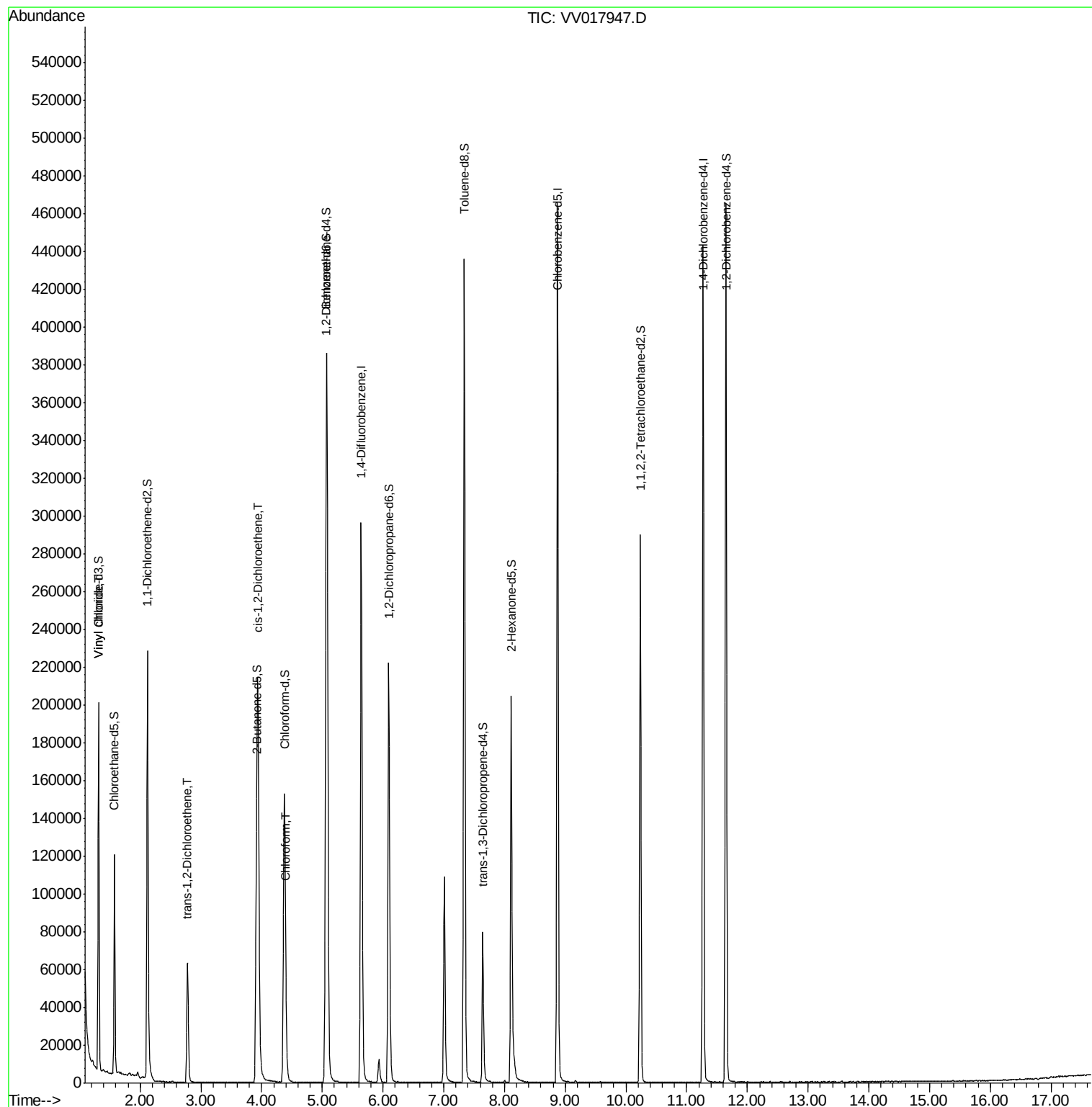
					Ovalue
5) Vinyl chloride	1.32	62	44973	20.755	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	23285	13.848	ug/L 97
20) cis-1,2-Dichloroethene	3.94	96	100189	54.219	ug/L 99
25) Chloroform	4.41	83	8608	2.496	ug/L 96

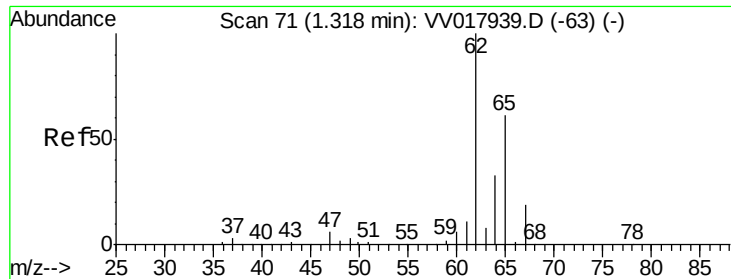
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 20.755 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017947.D

Acq: 13 Aug 2020 00:10

Instrument :

MSVOA_V

ClientSampled :

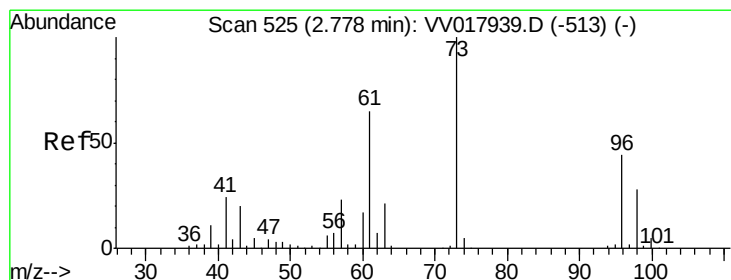
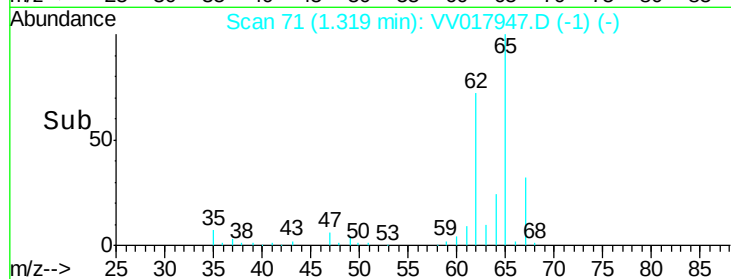
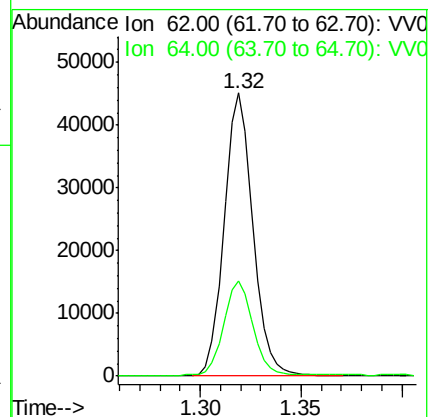
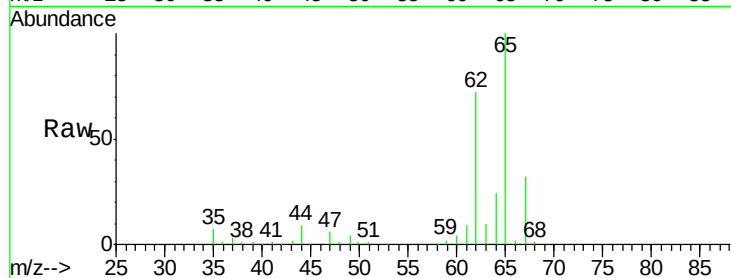
F2L97

Tot Ion: 62 Resp: 44973

Ion Ratio Lower Upper

62 100

64 33.7 22.4 41.6



#17

trans-1,2-Dichloroethene

Concen: 13.848 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

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Acq: 13 Aug 2020 00:10

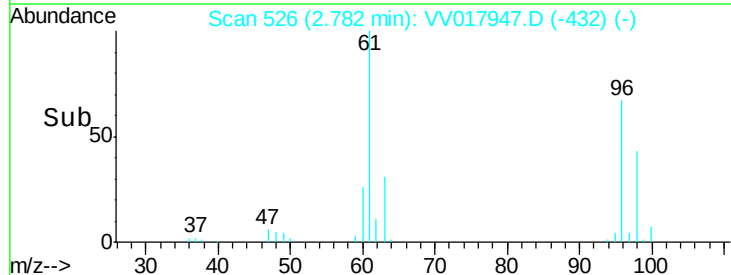
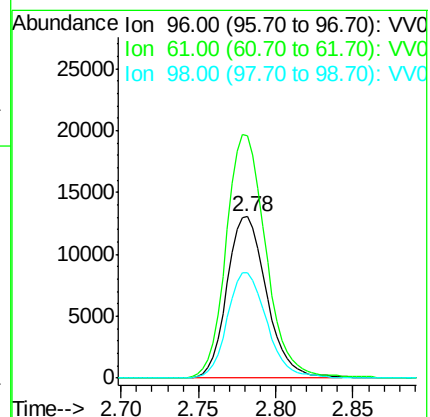
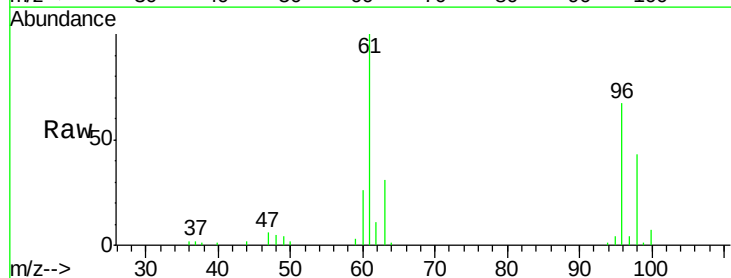
Tgt Ion: 96 Resp: 23285

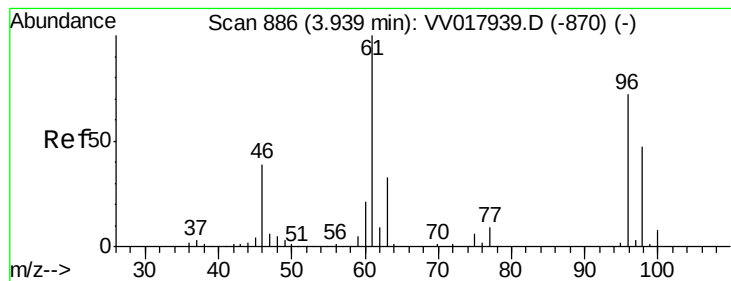
Ion Ratio Lower Upper

96 100

61 150.1 102.4 190.2

98 65.1 44.4 82.5





#20

cis-1,2-Dichloroethene

Concen: 54.219 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017947.D

Acq: 13 Aug 2020 00:10

Instrument :

MSVOA_V

ClientSampled :

F2L97

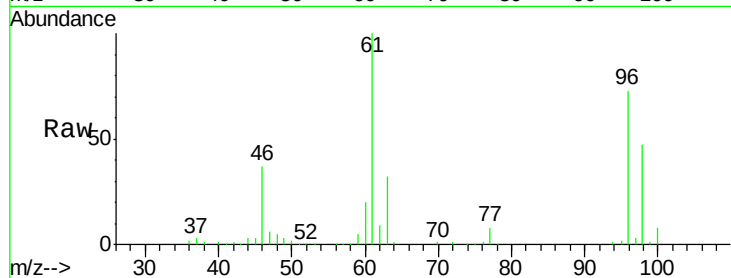
Tot Ion: 96 Resp: 100189

Ion Ratio Lower Upper

96 100

61 136.8 95.0 176.4

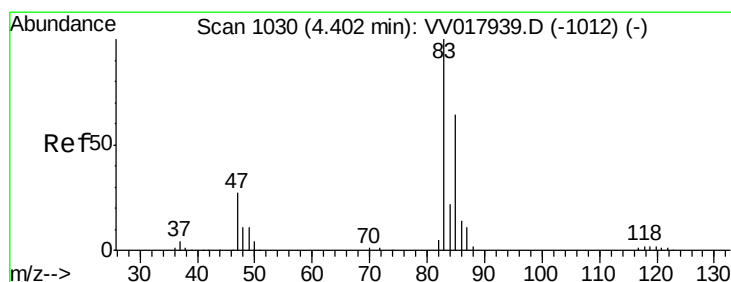
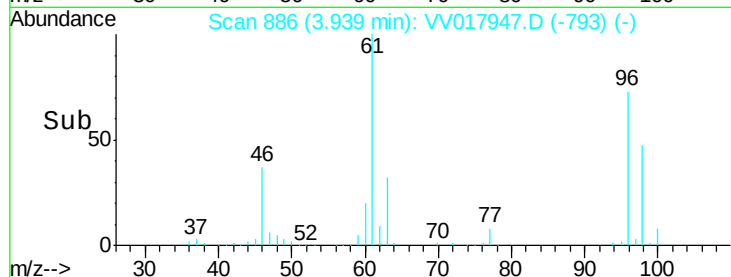
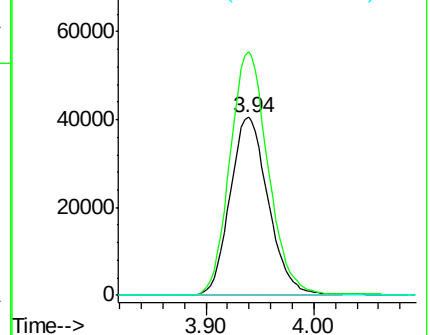
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV017939.D (-870) (-)

Ion 61.00 (60.70 to 61.70): VV017939.D (-870) (-)

Ion 68.00 (67.70 to 68.70): VV017939.D (-870) (-)



#25

Chloroform

Concen: 2.496 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV017947.D

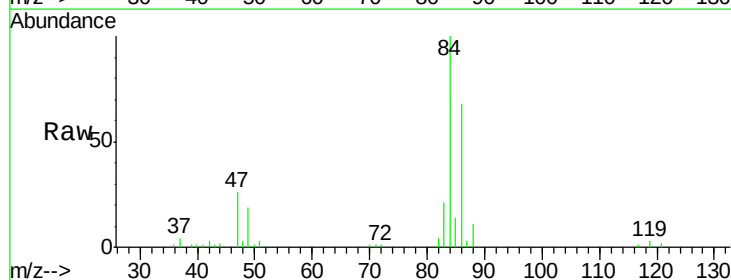
Acq: 13 Aug 2020 00:10

Tgt Ion: 83 Resp: 8608

Ion Ratio Lower Upper

83 100

85 68.3 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VV017939.D (-1012) (-)

Ion 85.00 (84.70 to 85.70): VV017939.D (-1012) (-)

