

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016588.D
 Acq On : 06 Jun 2020 14:29
 Operator : SY/MD
 Sample : L2895-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0K1

Quant Time: Jun 06 23:50:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 23:47:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	379072	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	349858	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166198	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93121	34.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.36%
7) Chloroethane-d5	1.56	69	71857	37.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.14%
11) 1,1-Dichloroethene-d2	2.12	63	137525	28.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.78%#
21) 2-Butanone-d5	3.89	46	177339	103.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.30%
24) Chloroform-d	4.37	84	223941	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	5.05	65	157482	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
32) Benzene-d6	5.07	84	449924	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
36) 1,2-Dichloropropane-d6	6.09	67	143456	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.26%
41) Toluene-d8	7.34	98	398706	46.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.68%
43) trans-1,3-Dichloropropene-	7.64	79	66097	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.90%
47) 2-Hexanone-d5	8.11	63	132455	105.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.91%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	191476	48.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	164053	52.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.06%

Target Compounds

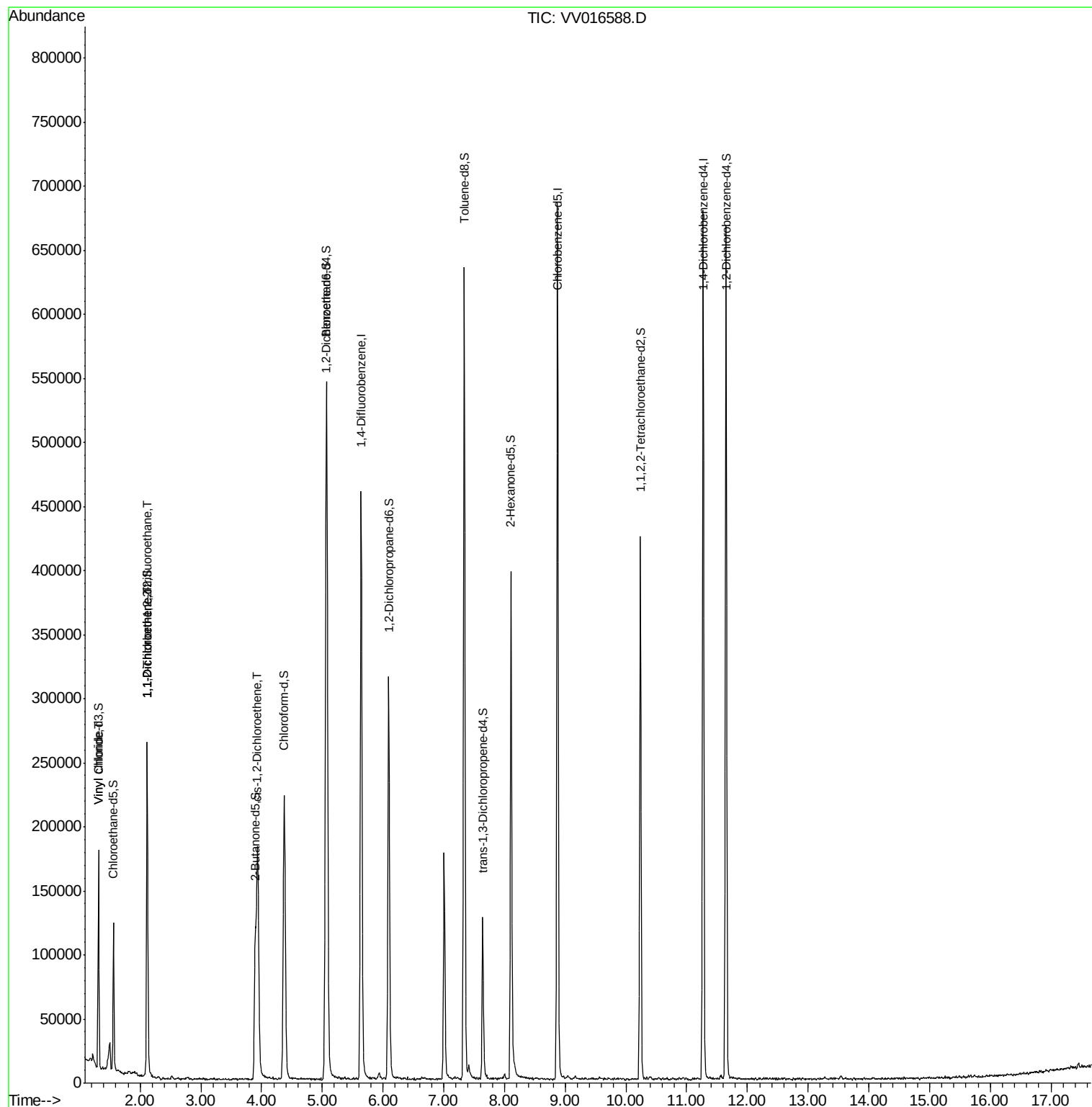
					Ovalue
5) Vinyl chloride	1.32	62	7425	2.550 ug/L #	66
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1498	0.685 ug/L #	24
12) 1,1-Dichloroethene	2.12	96	1636	0.777 ug/L #	1
20) cis-1,2-Dichloroethene	3.93	96	93525	32.636 ug/L	99

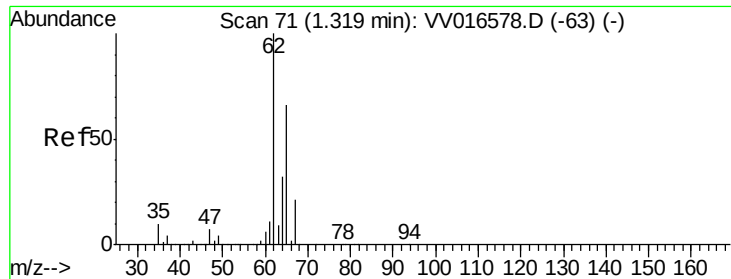
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.550 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Acq: 06 Jun 2020 14:29

Instrument :

MSVOA_V

ClientSampleId :

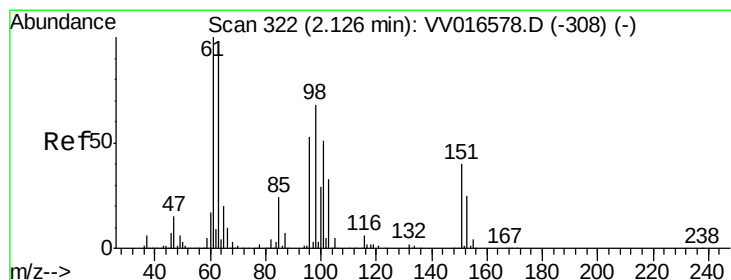
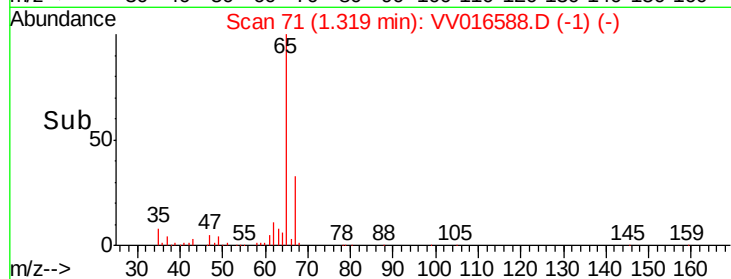
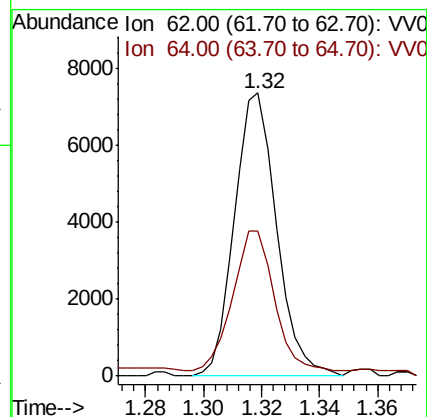
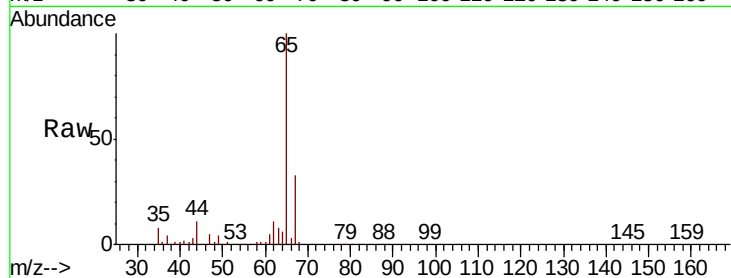
EW0K1

Tot Ion: 62 Resp: 7425

Ion Ratio Lower Upper

62 100

64 51.3 22.7 42.1#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.685 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

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Acq: 06 Jun 2020 14:29

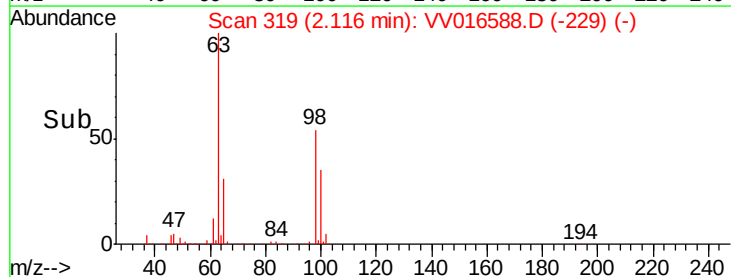
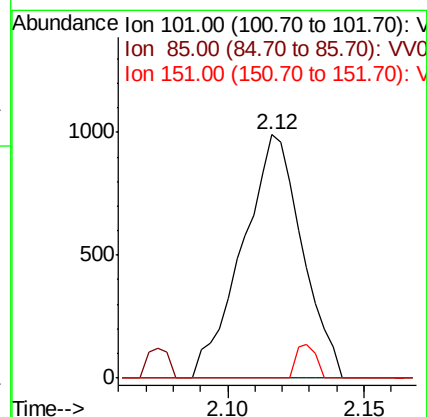
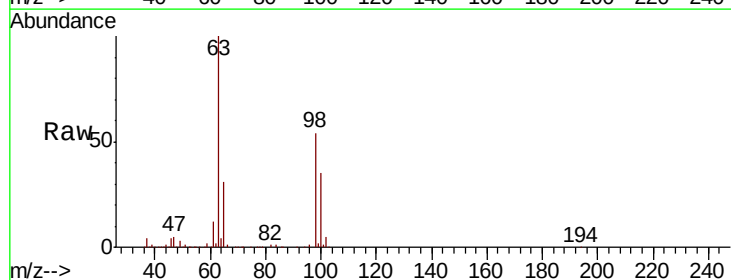
Tgt Ion: 101 Resp: 1498

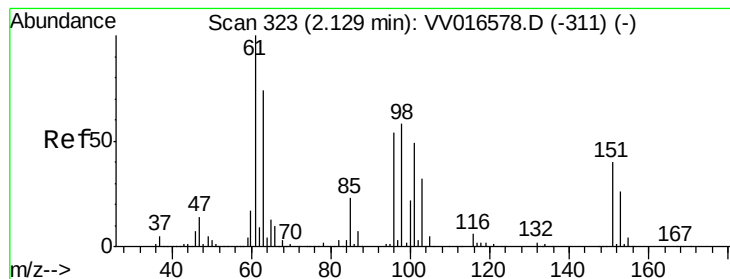
Ion Ratio Lower Upper

101 100

85 4.3 35.6 53.4#

151 4.7 61.8 92.8#





#12

1,1-Dichloroethene

Concen: 0.777 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016588.D

Acq: 06 Jun 2020 14:29

Instrument :

MSVOA_V

ClientSampled :

EW0K1

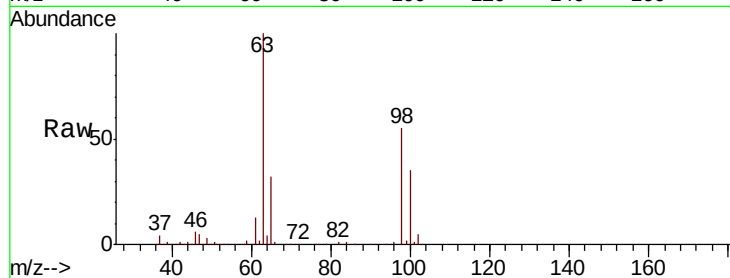
Tot Ion: 96 Resp: 1636

Ion Ratio Lower Upper

96 100

61 944.7 125.5 233.1#

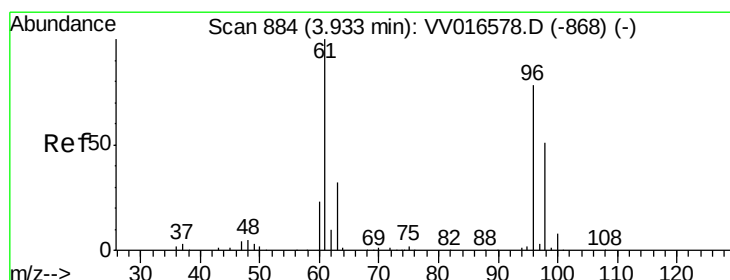
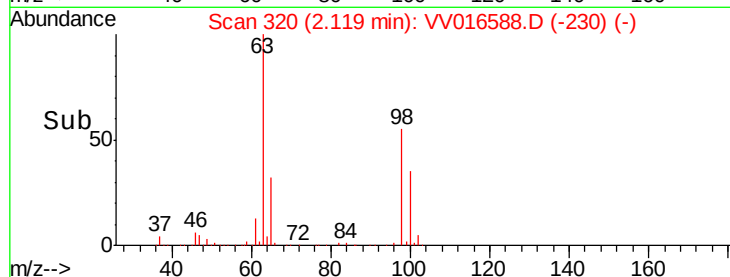
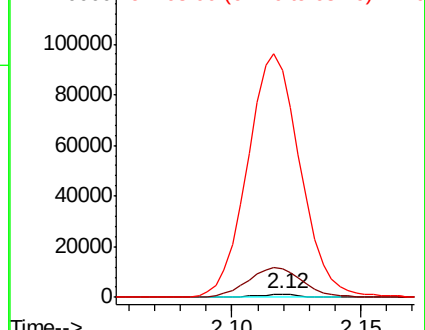
63 7398.2 104.0 193.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 32.636 ug/L

RT: 3.93 min Scan# 884

Delta R.T. 0.00 min

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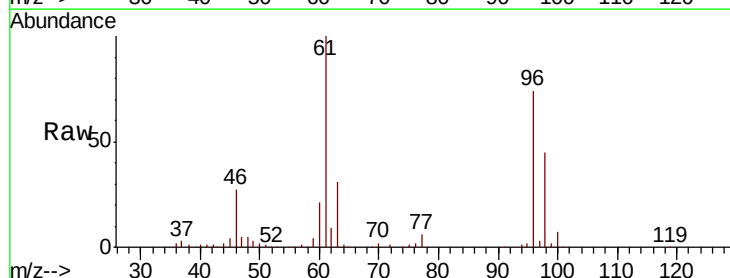
Tgt Ion: 96 Resp: 93525

Ion Ratio Lower Upper

96 100

61 134.6 93.4 173.4

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

