

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016766.D
 Acq On : 10 Jun 2020 14:03
 Operator : SY/MD
 Sample : L2901-09 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTT4

Quant Time: Jun 11 01:07:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 01:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	370294	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	349519	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	172086	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	110436	42.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.54%
7) Chloroethane-d5	1.56	69	76780	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.94%
11) 1,1-Dichloroethene-d2	2.12	63	147007	33.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.02%
21) 2-Butanone-d5	3.89	46	165649	85.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.66%
24) Chloroform-d	4.37	84	225310	42.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.82%
26) 1,2-Dichloroethane-d4	5.05	65	161037	44.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.12%
32) Benzene-d6	5.07	84	445547	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.44%
36) 1,2-Dichloropropane-d6	6.09	67	137541	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.58%
41) Toluene-d8	7.34	98	403376	43.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.26%
43) trans-1,3-Dichloropropene-	7.64	79	67527	41.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.56%
47) 2-Hexanone-d5	8.11	63	100146	73.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	178859	43.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	173533	47.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.50%

Target Compounds

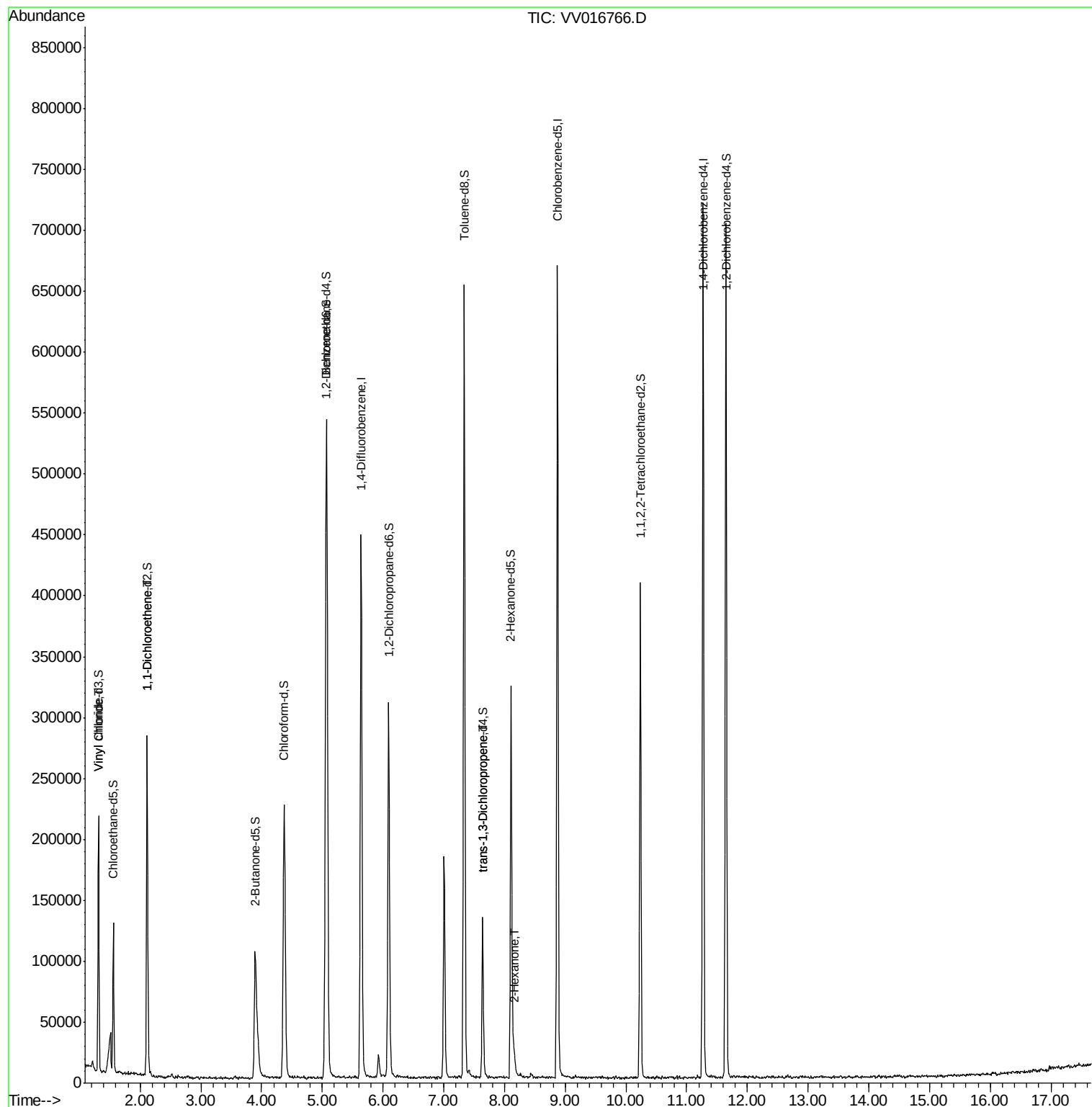
					Ovalue
5) Vinyl chloride	1.32	62	15754	5.967 ug/L	85
12) 1,1-Dichloroethene	2.12	96	1620	0.881 ug/L #	1
44) trans-1,3-Dichloropropene	7.64	75	3844	0.946 ug/L #	71
48) 2-Hexanone	8.16	43	9722	3.290 ug/L #	87

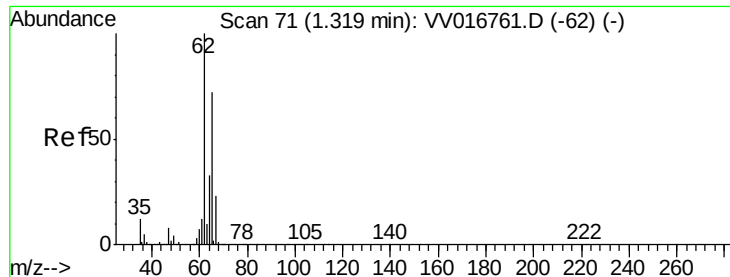
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.967 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016766.D

Acq: 10 Jun 2020 14:03

Instrument :

MSVOA_V

ClientSampleId :

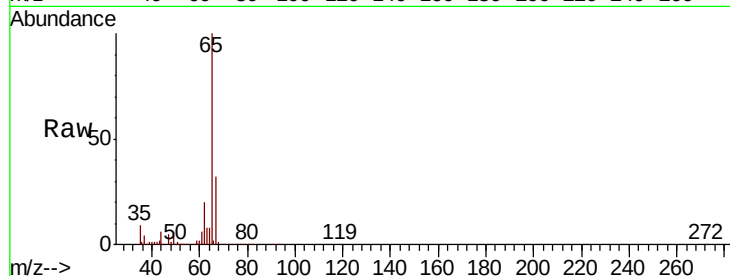
ETTT4

Tot Ion: 62 Resp: 15754

Ion Ratio Lower Upper

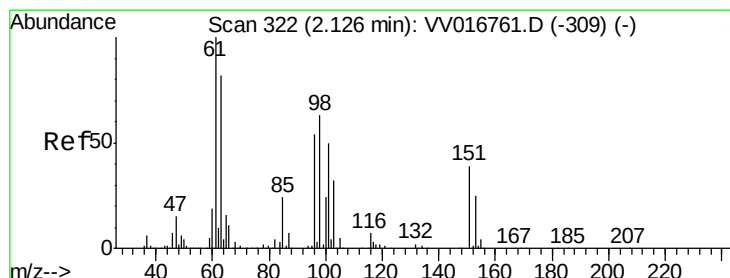
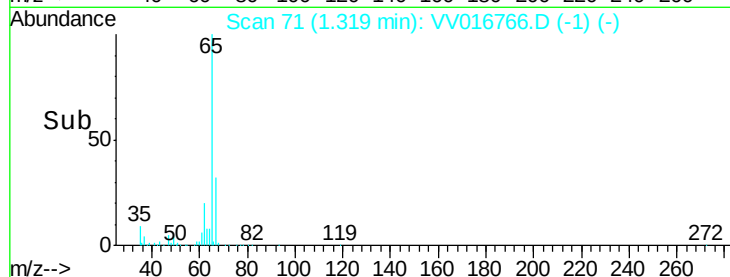
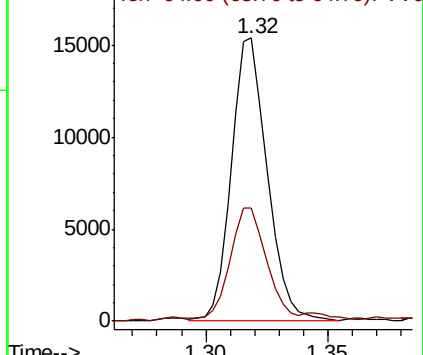
62 100

64 40.1 22.3 41.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#12

1,1-Dichloroethene

Concen: 0.881 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016766.D

Acq: 10 Jun 2020 14:03

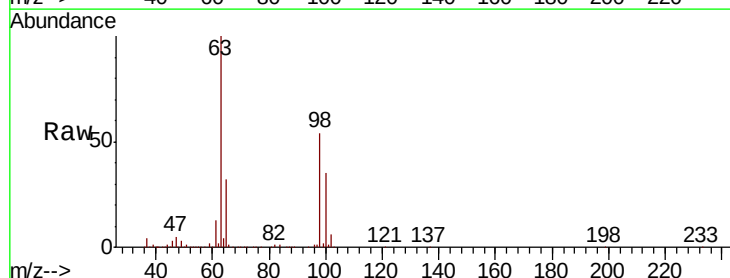
Tgt Ion: 96 Resp: 1620

Ion Ratio Lower Upper

96 100

61 1436.8 130.4 242.2#

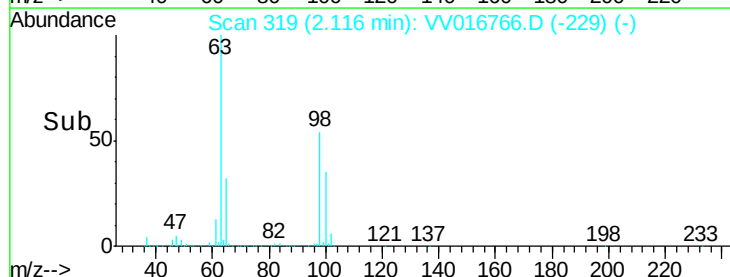
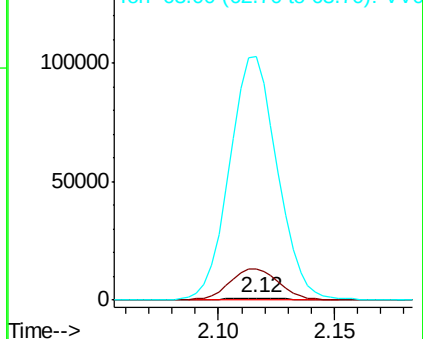
63 11151.4 103.3 191.9#

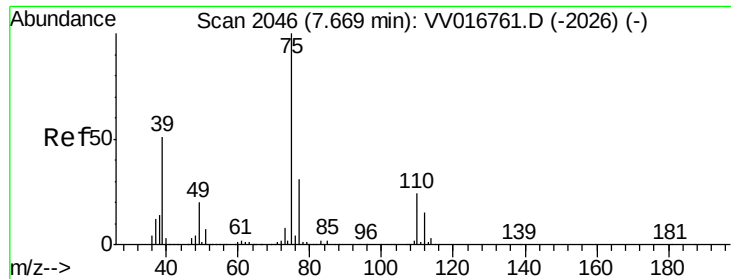


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

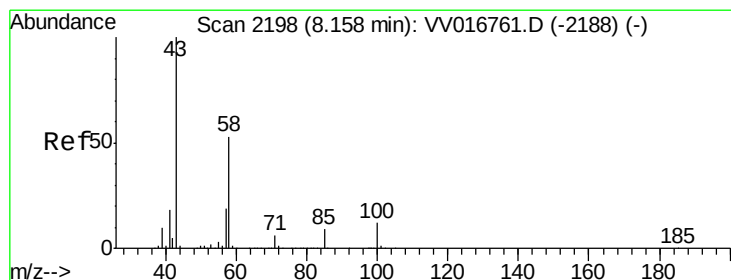
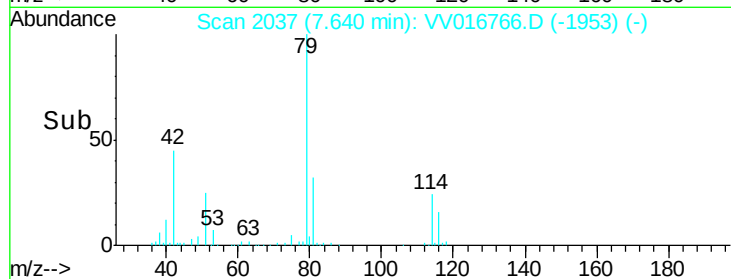
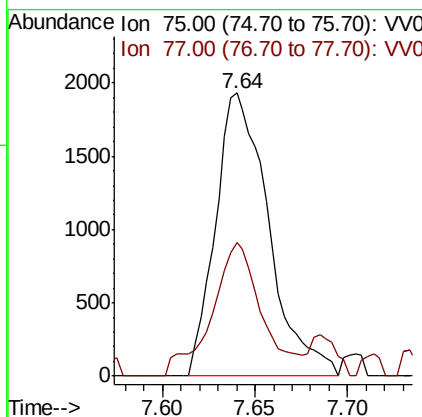
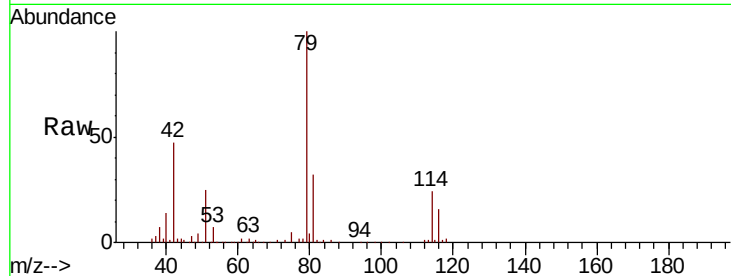




#44
trans-1,3-Dichloropropene
Concen: 0.946 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
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Tot Ion: 75 Resp: 3844
Ion Ratio Lower Upper
75 100
77 47.0 21.7 40.3#



#48
2-Hexanone
Concen: 3.290 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016766.D
Acq: 10 Jun 2020 14:03

Tgt Ion: 43 Resp: 9722
Ion Ratio Lower Upper
43 100
58 46.7 43.1 64.7
57 12.8 15.3 22.9#
100 3.7 10.0 15.0#

