

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081020\
 Data File : VV017908.D
 Acq On : 10 Aug 2020 20:00
 Operator : SY/MD
 Sample : L3608-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 11 02:22:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:17:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	246591	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	233112	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117819	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	49484	38.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.72%
7) Chloroethane-d5	1.58	69	44639	41.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.52%
11) 1,1-Dichloroethene-d2	2.12	63	108258	35.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.76%
21) 2-Butanone-d5	3.91	46	80879	101.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.42%
24) Chloroform-d	4.37	84	144967	43.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.82%
26) 1,2-Dichloroethane-d4	5.06	65	115898	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
32) Benzene-d6	5.07	84	248157	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.09	67	64067	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.88%
41) Toluene-d8	7.34	98	240660	44.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.96%
43) trans-1,3-Dichloropropene-	7.64	79	41249	46.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.86%
47) 2-Hexanone-d5	8.11	63	45970	92.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.99%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	96499	45.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	115881	48.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.50%

Target Compounds

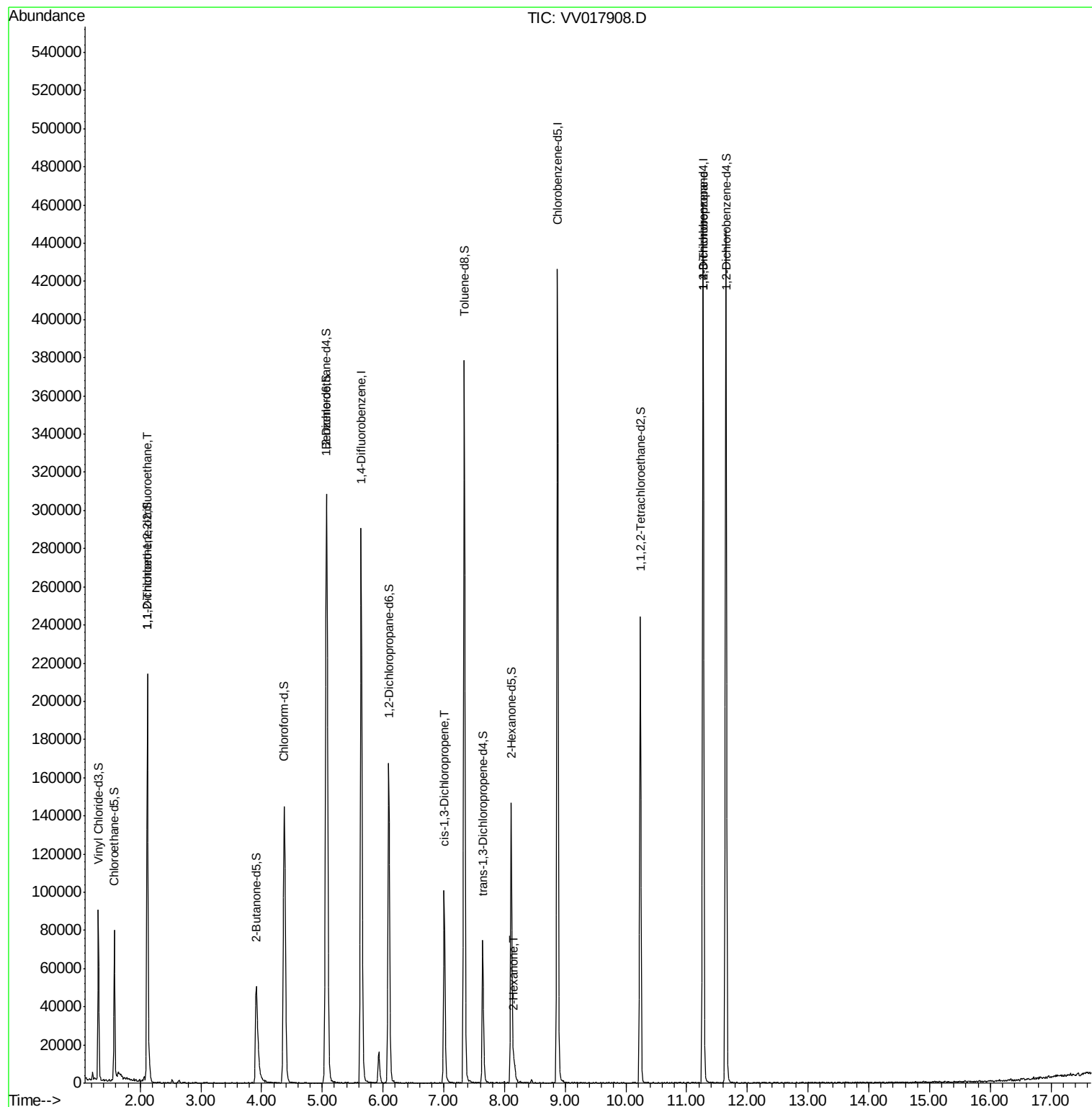
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1177	0.747 ug/L #	14
39) cis-1,3-Dichloropropene	7.01	75	3002	1.448 ug/L #	55
48) 2-Hexanone	8.16	43	5299	4.024 ug/L #	43
59) 1,2,3-Trichloropropane	11.27	75	10635	5.728 ug/L #	78

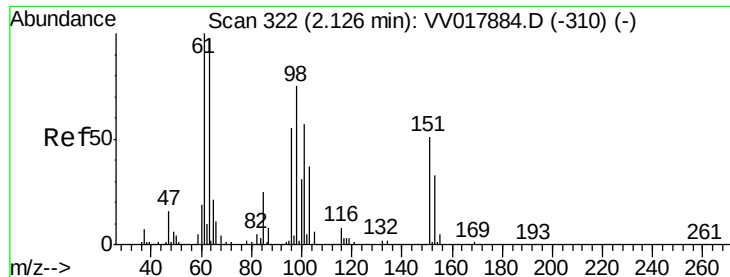
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.747 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV017908.D

Acq: 10 Aug 2020 20:00

Instrument :

MSVOA_V

ClientSampleId :

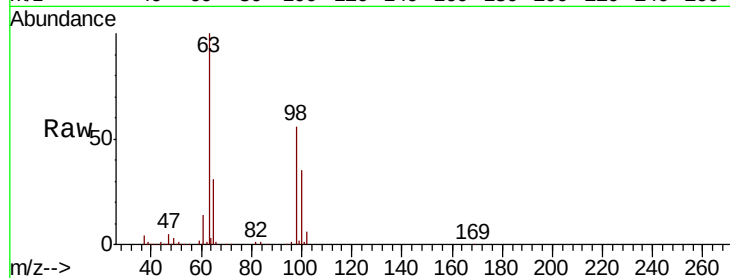
Tot Ion:101 Resp: 1177

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

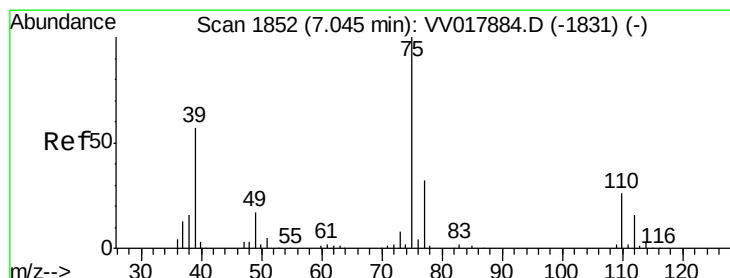
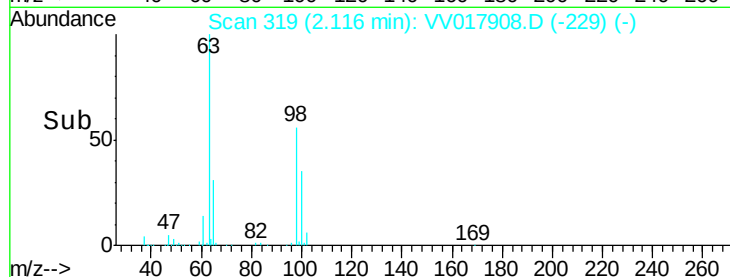
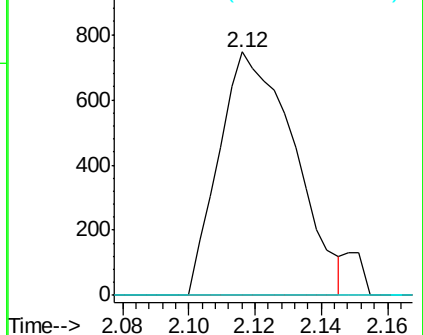
151 0.0 71.0 106.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#39

cis-1,3-Dichloropropene

Concen: 1.448 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017908.D

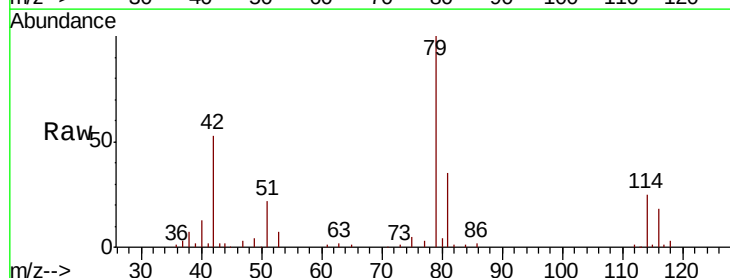
Acq: 10 Aug 2020 20:00

Tgt Ion: 75 Resp: 3002

Ion Ratio Lower Upper

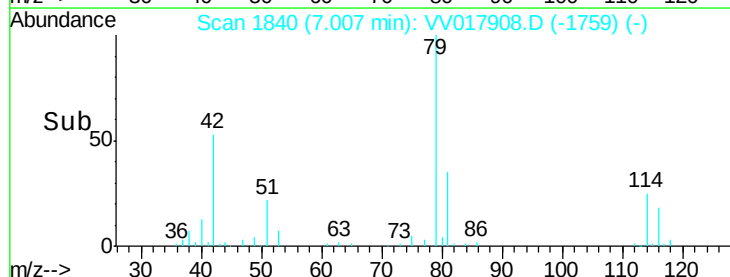
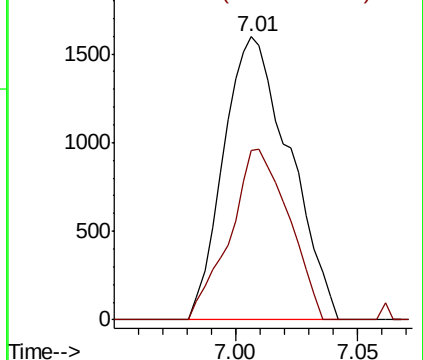
75 100

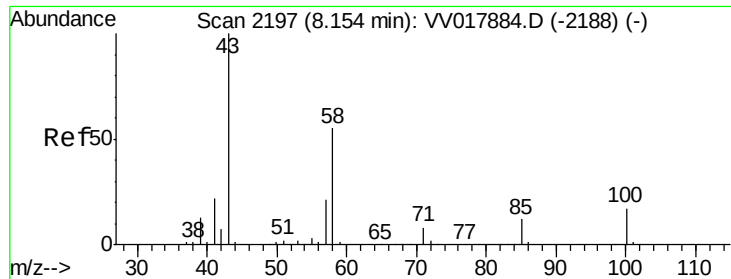
77 59.9 23.7 44.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

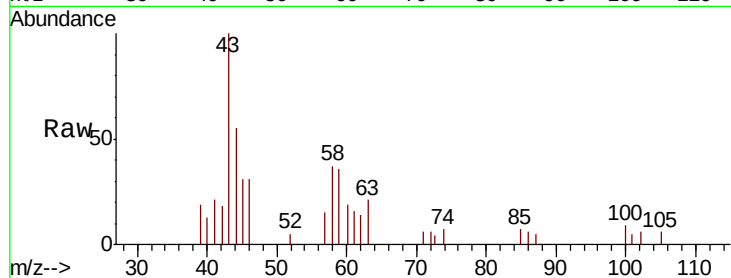




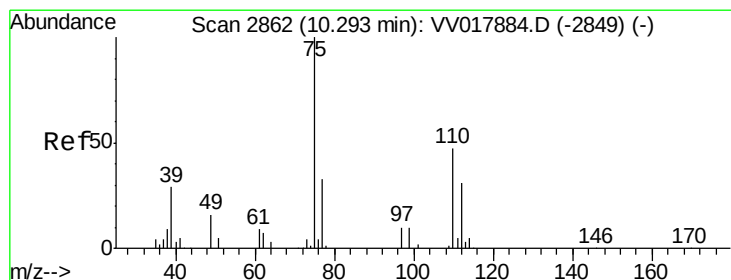
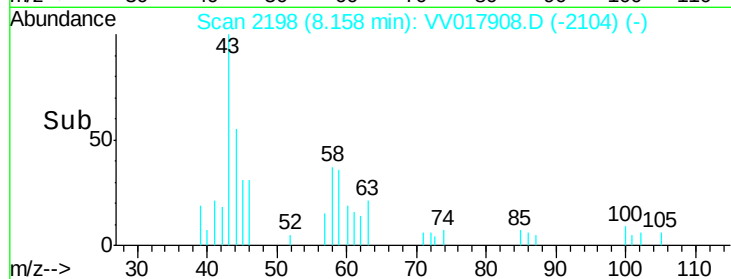
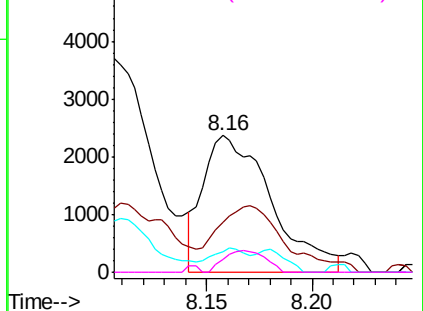
#48
2-Hexanone
Concen: 4.024 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VV017908.D
Acq: 10 Aug 2020 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5299
Ion Ratio Lower Upper
43 100
58 0.0 43.8 65.8#
57 9.4 18.0 27.0#
100 0.8 13.8 20.8#

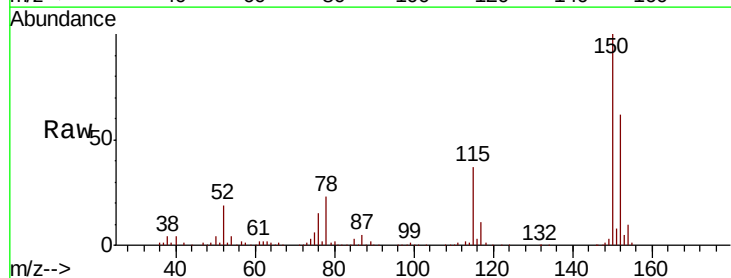


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0



#59
1,2,3-Trichloropropane
Concen: 5.728 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV017908.D
Acq: 10 Aug 2020 20:00

Tgt Ion: 75 Resp: 10635
Ion Ratio Lower Upper
75 100
77 45.3 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

