

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018316.D
 Acq On : 18 Sep 2020 12:52
 Operator : SY/MD
 Sample : L4065-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:43:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 01:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	283570	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	282017	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136136	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100913	43.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.34%
7) Chloroethane-d5	1.58	69	81005	42.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.68%
11) 1,1-Dichloroethene-d2	2.12	63	142757	33.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.36%
21) 2-Butanone-d5	3.92	46	117813	83.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.29%
24) Chloroform-d	4.38	84	171219	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.06	65	114887	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.40%
32) Benzene-d6	5.08	84	345779	42.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.66%
36) 1,2-Dichloropropane-d6	6.09	67	112211	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.48%
41) Toluene-d8	7.34	98	309175	42.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.04%
43) trans-1,3-Dichloropropene-	7.64	79	52690	40.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.84%
47) 2-Hexanone-d5	8.11	63	81175	83.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139045	43.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	125975	45.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.12%

Target Compounds

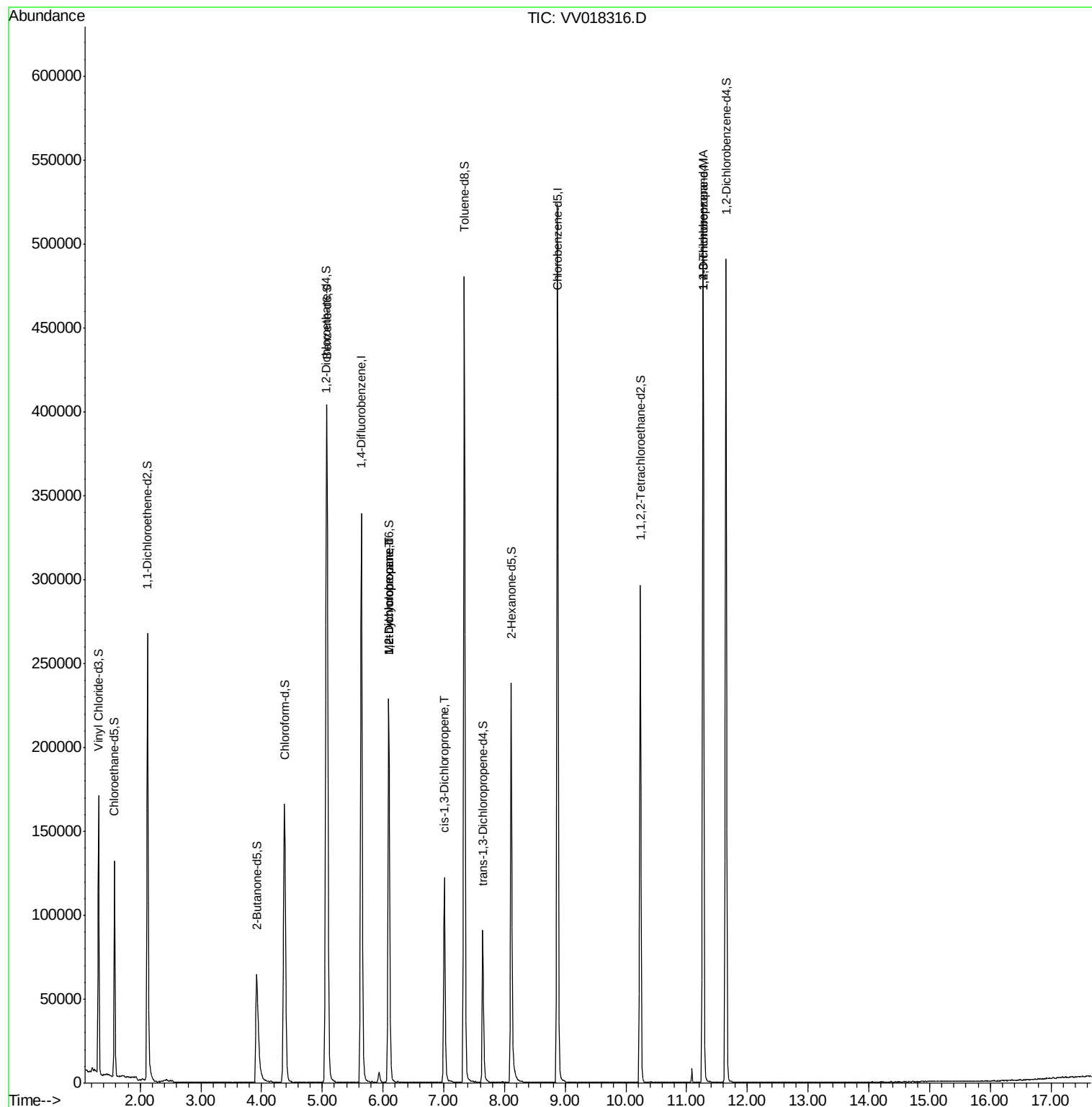
					Ovalue
35) Methylcyclohexane	6.09	83	26650	8.058 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12001	5.617 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2818	0.856 ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	15443	6.145 ug/L	91

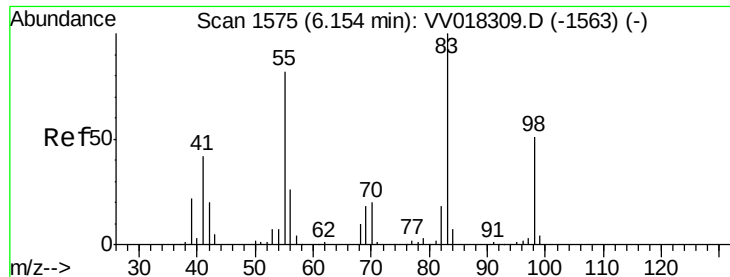
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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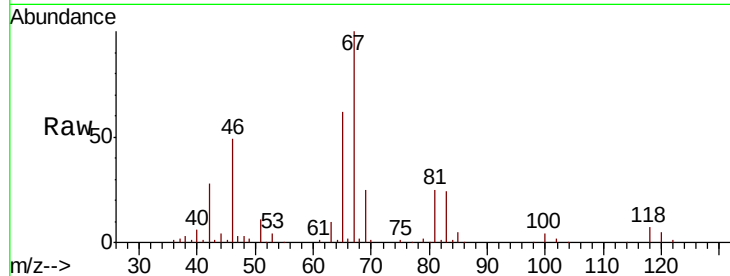




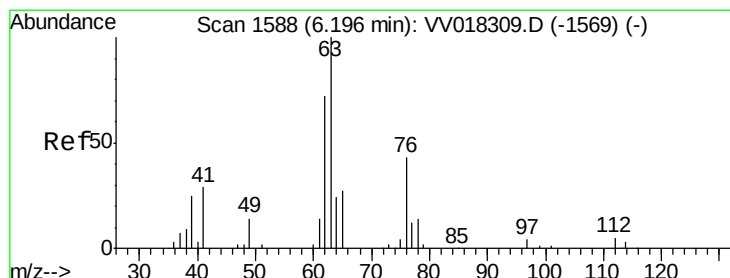
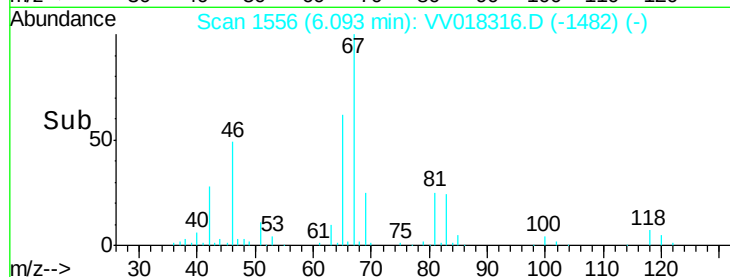
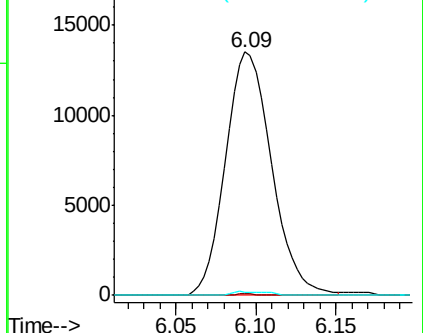
#35
Methvlcvclohexane
Concen: 8.058 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018316.D
Acq: 18 Sep 2020 12:52

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 26650
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 0.6 38.8 58.2#

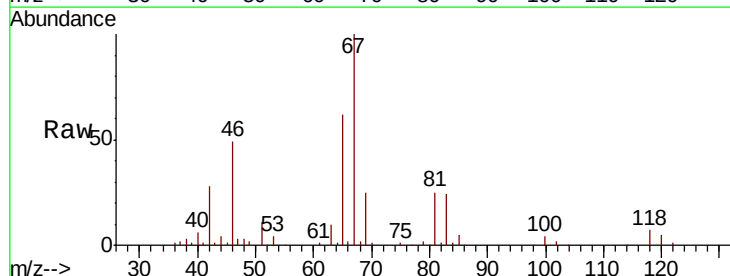


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

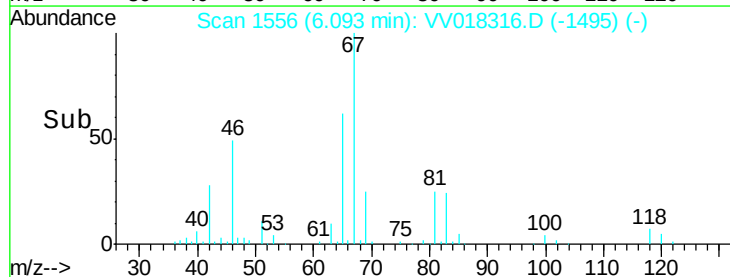
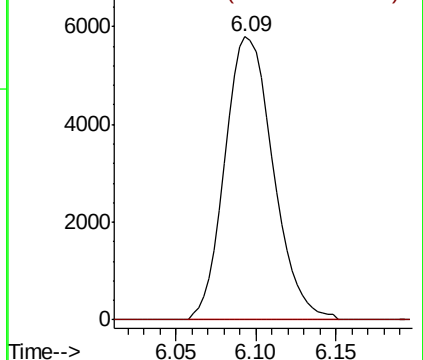


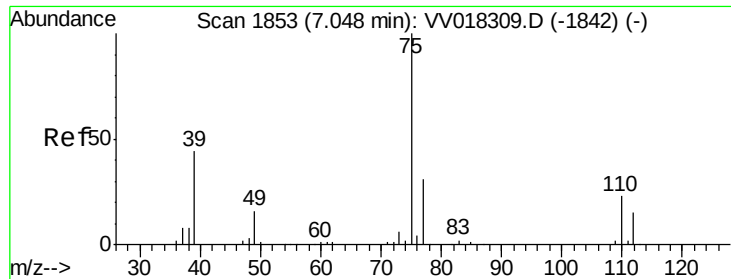
#37
1,2-Dichloropropane
Concen: 5.617 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018316.D
Acq: 18 Sep 2020 12:52

Tgt Ion: 63 Resp: 12001
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

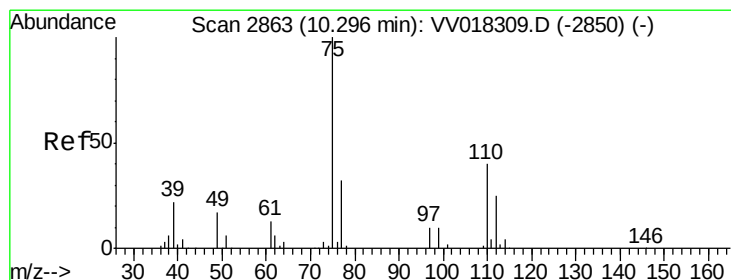
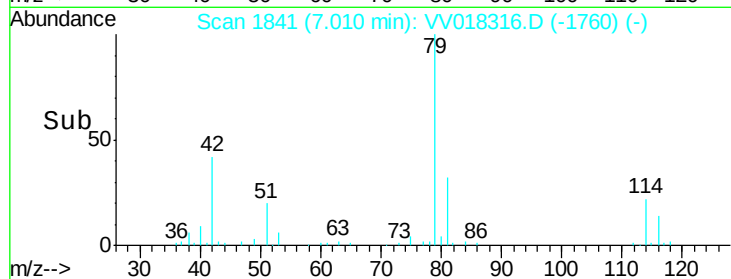
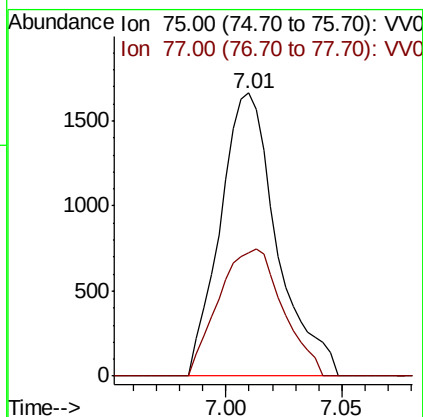
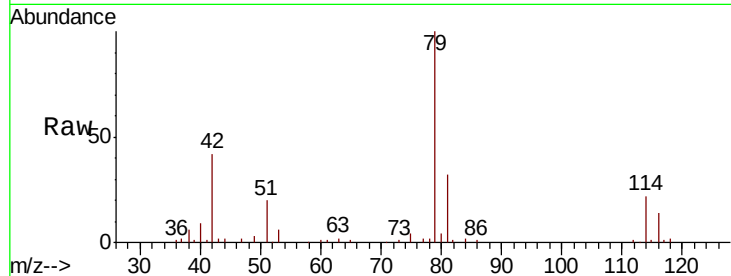




#39
 cis-1,3-Dichloropropene
 Concen: 0.856 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018316.D
 Acq: 18 Sep 2020 12:52

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 2818
 Ion Ratio Lower Upper
 75 100
 77 43.4 22.3 41.3#



#59
 1,2,3-Trichloropropane
 Concen: 6.145 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV018316.D
 Acq: 18 Sep 2020 12:52

Tgt Ion: 75 Resp: 15443
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.8 38.6

