

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018253.D
 Acq On : 16 Sep 2020 22:34
 Operator : SY/MD
 Sample : L4042-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 05:35:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 05:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	279359	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	270284	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128705	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90607	39.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.60%
7) Chloroethane-d5	1.58	69	77220	41.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.90%
11) 1,1-Dichloroethene-d2	2.12	63	127133	30.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.88%
21) 2-Butanone-d5	3.92	46	119676	85.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.88%
24) Chloroform-d	4.38	84	165595	41.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.84%
26) 1,2-Dichloroethane-d4	5.06	65	111209	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
32) Benzene-d6	5.08	84	326256	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.34%
36) 1,2-Dichloropropane-d6	6.09	67	107085	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.12%
41) Toluene-d8	7.34	98	283274	40.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.34%
43) trans-1,3-Dichloropropene-	7.64	79	50988	40.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.62%
47) 2-Hexanone-d5	8.11	63	86846	93.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	140704	45.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	121083	45.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.62%

Target Compounds

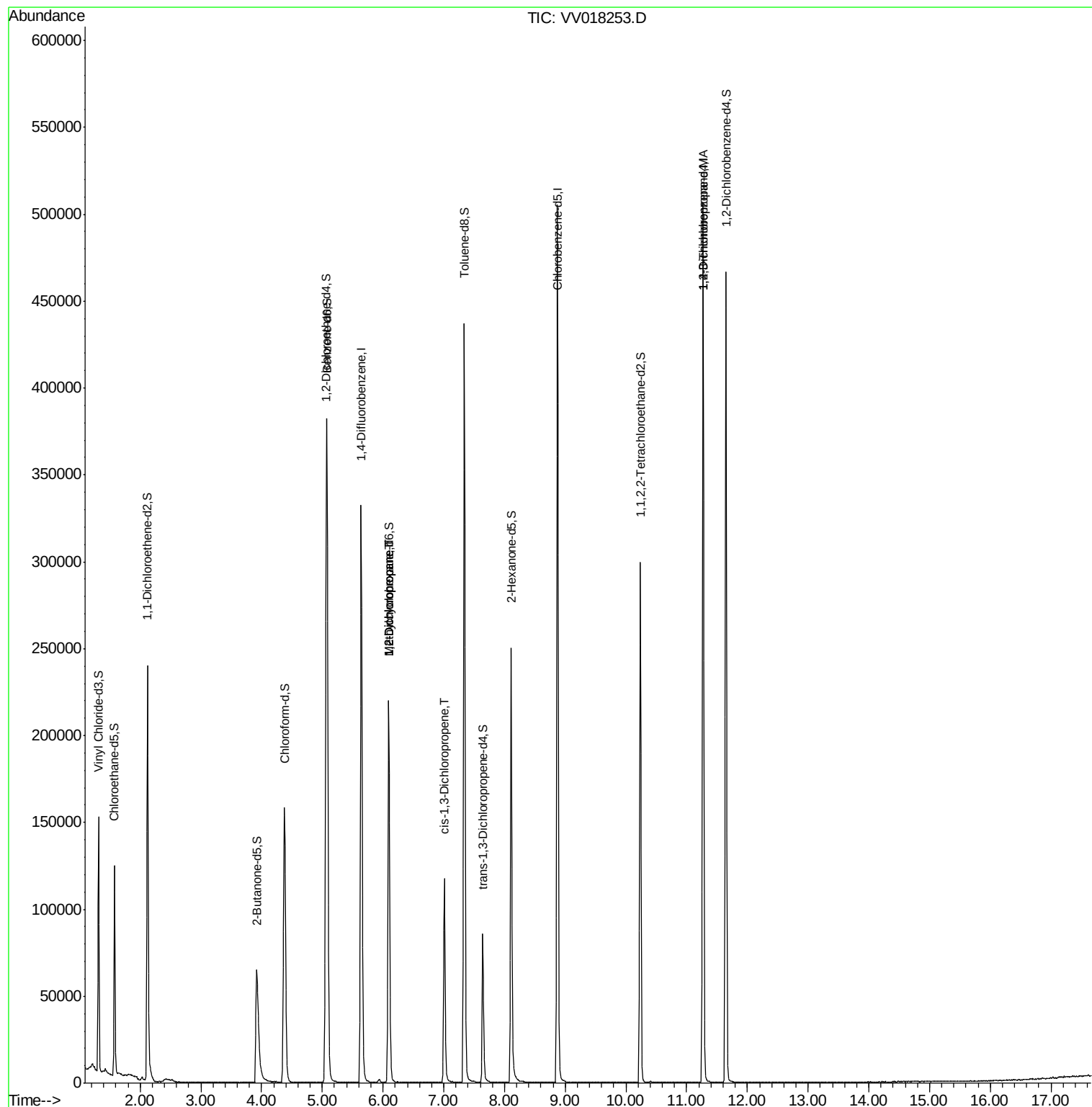
					Ovalue
35) Methylcyclohexane	6.10	83	25133	7.929 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11539	5.635 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2726	0.864 ug/L #	51
59) 1,2,3-Trichloropropane	11.27	75	14440	5.995 ug/L	90

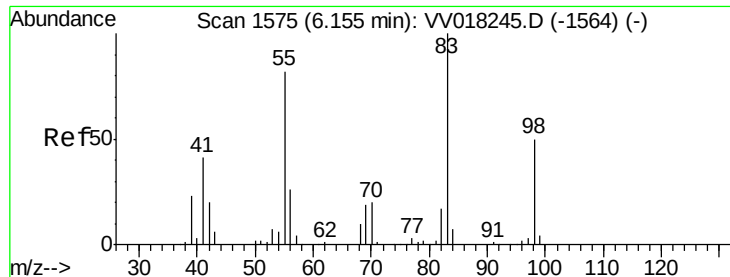
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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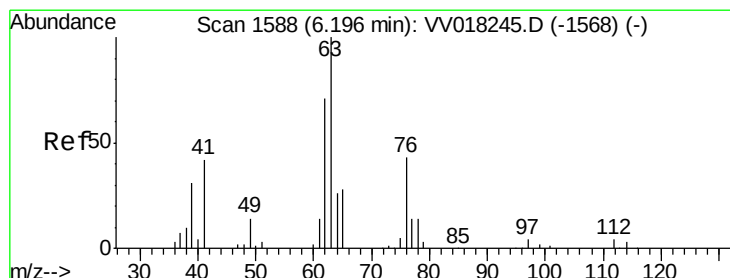
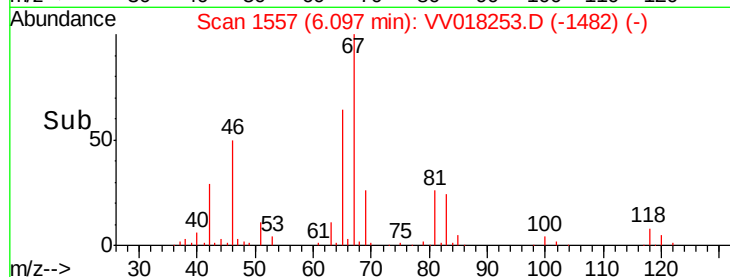
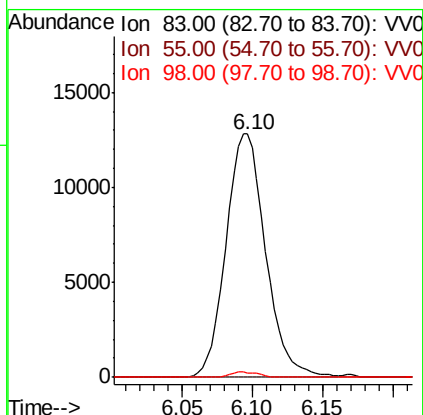
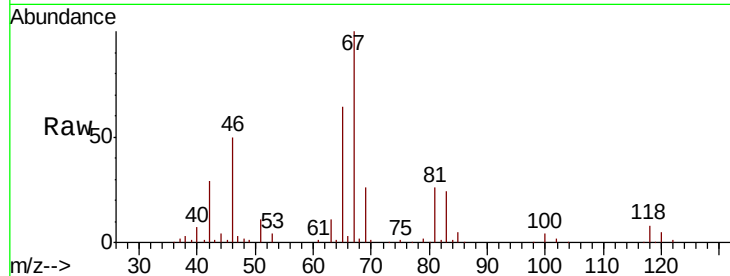




#35
Methvlcvclohexane
Concen: 7.929 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV018253.D
Acq: 16 Sep 2020 22:34

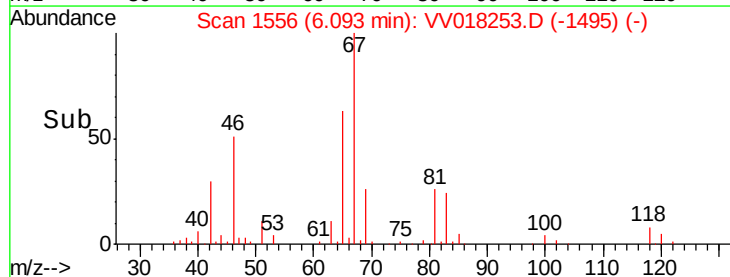
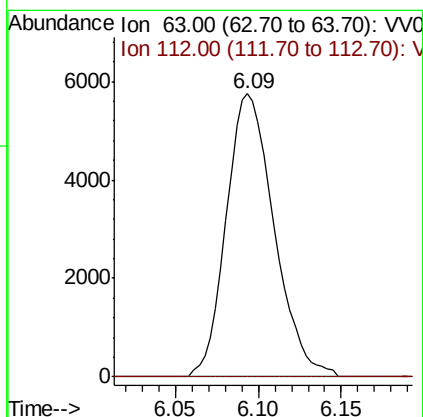
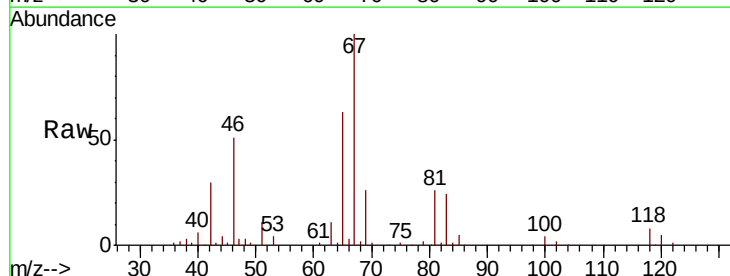
Instrument :
MSVOA_V
ClientSampleId :

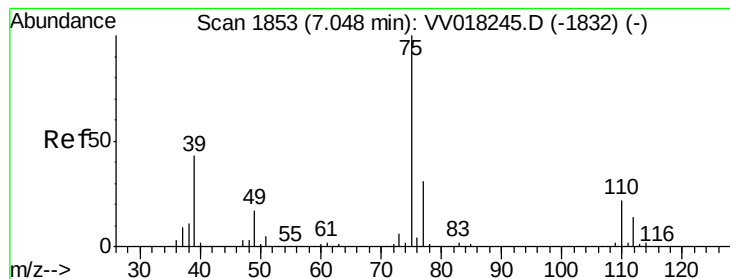
Tot Ion: 83 Resp: 25133
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 1.5 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 5.635 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018253.D
Acq: 16 Sep 2020 22:34

Tgt Ion: 63 Resp: 11539
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



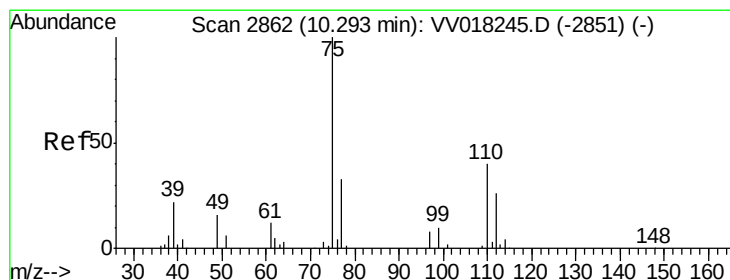
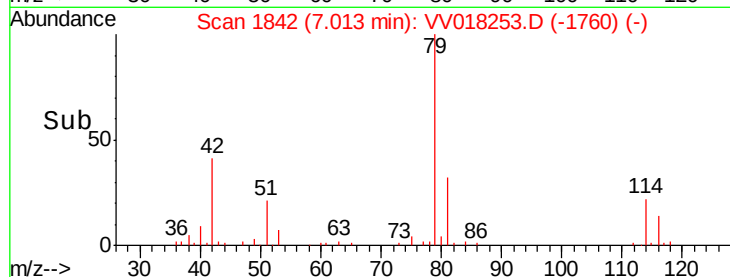
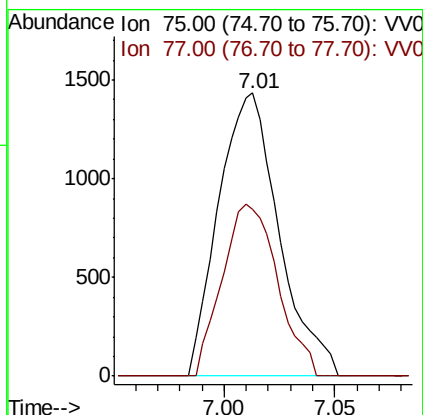
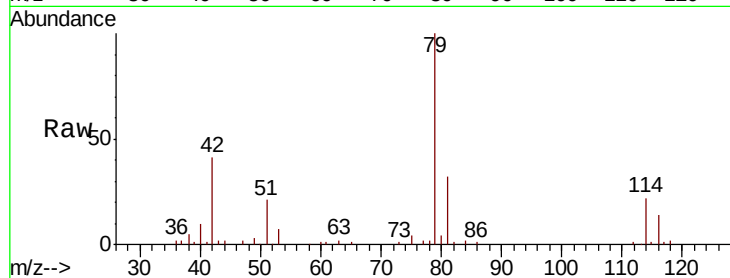


#39

cis-1,3-Dichloropropene
Concen: 0.864 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV018253.D
Acq: 16 Sep 2020 22:34

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 2726
Ion Ratio Lower Upper
75 100
77 58.9 22.3 41.3#



#59

1,2,3-Trichloropropane
Concen: 5.995 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018253.D
Acq: 16 Sep 2020 22:34

Tgt Ion: 75 Resp: 14440
Ion Ratio Lower Upper
75 100
77 37.8 25.8 38.6

