

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018346.D
 Acq On : 19 Sep 2020 00:31
 Operator : SY/MD
 Sample : L4080-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 05:19:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 05:11:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	284058	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	281937	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134567	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94199	40.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.38%
7) Chloroethane-d5	1.58	69	79973	42.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.44%
11) 1,1-Dichloroethene-d2	2.12	63	137863	32.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.94%
21) 2-Butanone-d5	3.92	46	114638	80.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.91%
24) Chloroform-d	4.38	84	169377	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.34%
26) 1,2-Dichloroethane-d4	5.06	65	113559	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.22%
32) Benzene-d6	5.08	84	346900	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.96%
36) 1,2-Dichloropropane-d6	6.09	67	110230	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.96%
41) Toluene-d8	7.34	98	305535	41.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.08%
43) trans-1,3-Dichloropropene-	7.64	79	51083	39.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.40%
47) 2-Hexanone-d5	8.11	63	75552	77.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	131552	40.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	127634	46.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.36%

Target Compounds

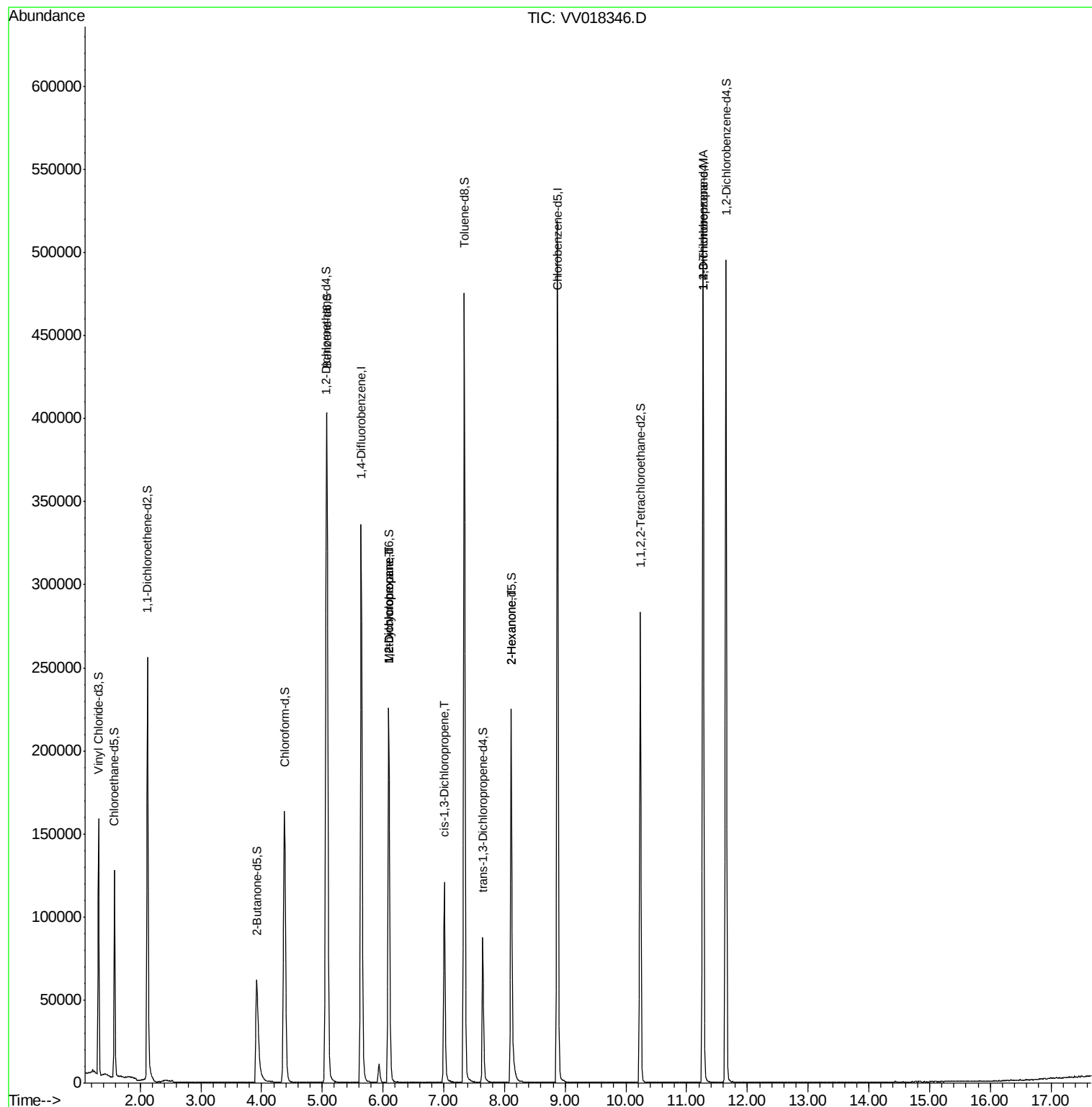
					Ovalue
35) Methylcyclohexane	6.09	83	26447	7.999 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12134	5.681 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2890	0.878 ug/L #	64
48) 2-Hexanone	8.11	43	9461	4.631 ug/L #	69
59) 1,2,3-Trichloropropane	11.27	75	15617	6.216 ug/L	95

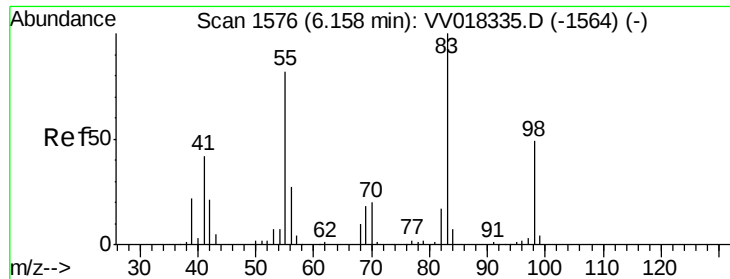
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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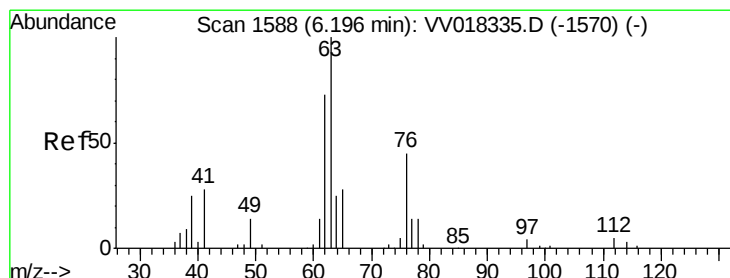
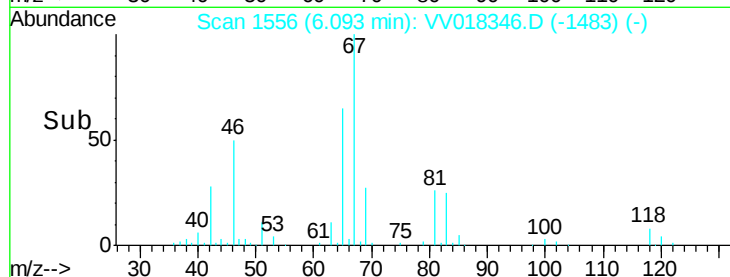
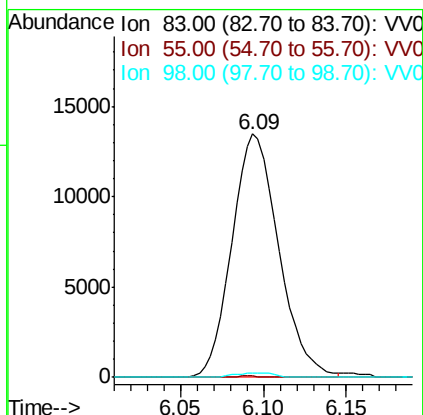
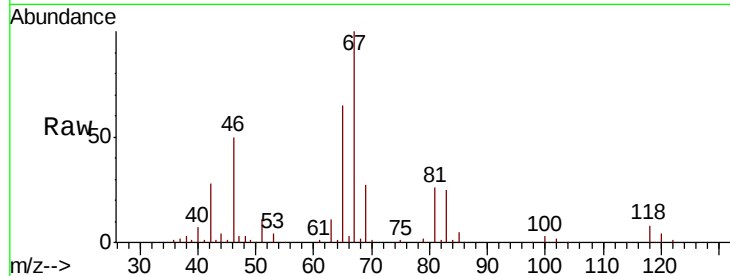




#35
Methvlcvclohexane
Concen: 7.999 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018346.D
Acq: 19 Sep 2020 00:31

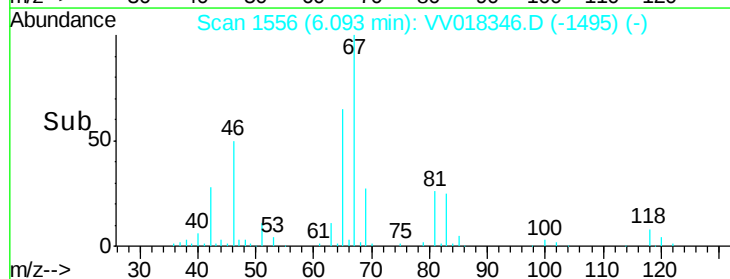
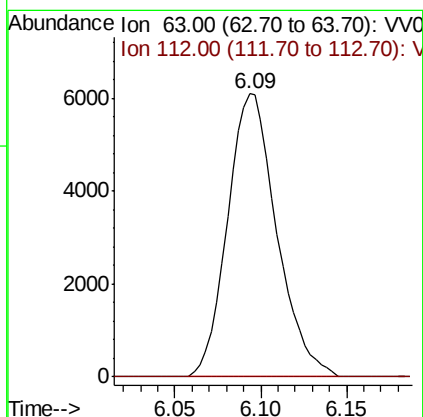
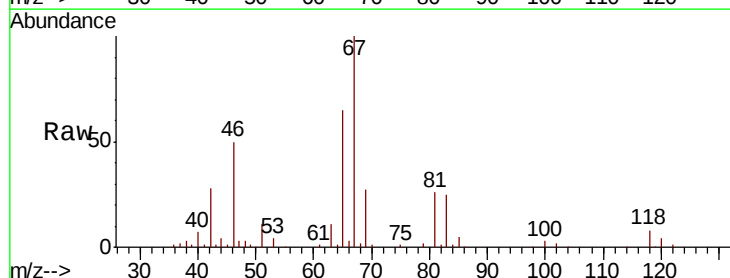
Instrument :
MSVOA_V
ClientSampleId :

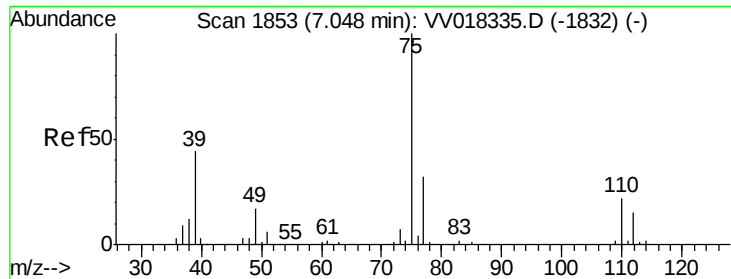
Tot Ion: 83 Resp: 26447
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 1.5 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 5.681 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018346.D
Acq: 19 Sep 2020 00:31

Tgt Ion: 63 Resp: 12134
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

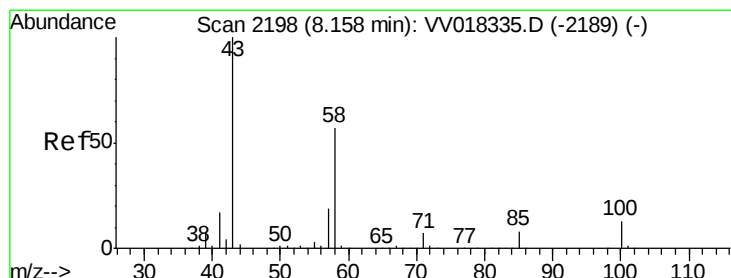
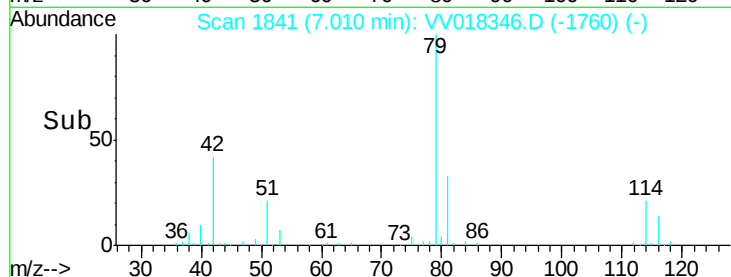
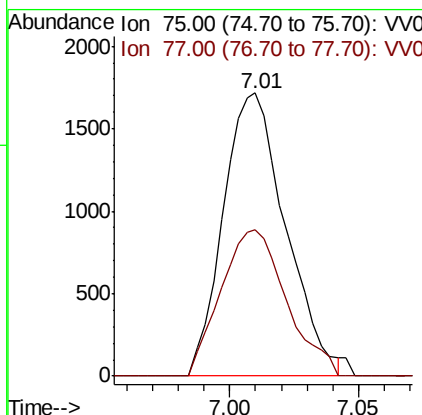
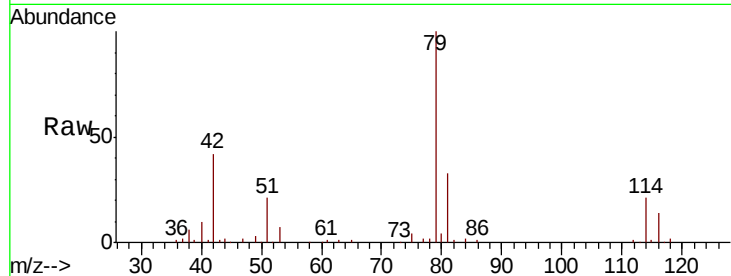




#39
 cis-1,3-Dichloropropene
 Concen: 0.878 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018346.D
 Acq: 19 Sep 2020 00:31

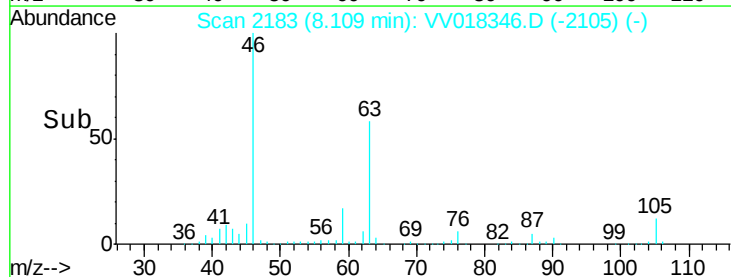
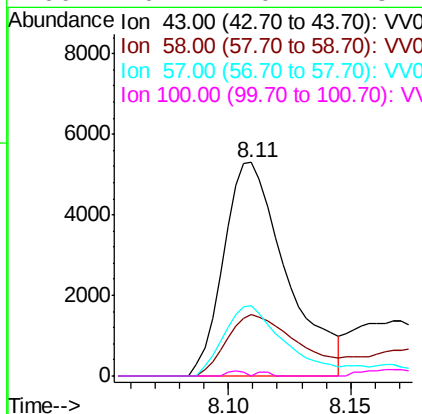
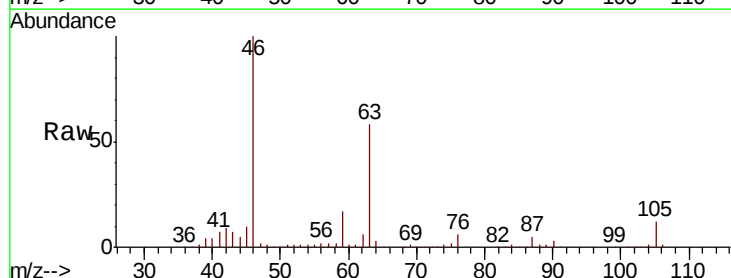
Instrument :
 MSVOA_V
 ClientSampleId :

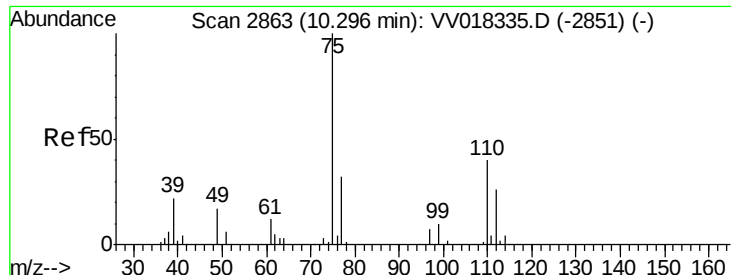
Tot Ion: 75 Resp: 2890
 Ion Ratio Lower Upper
 75 100
 77 51.8 22.3 41.3#



#48
 2-Hexanone
 Concen: 4.631 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV018346.D
 Acq: 19 Sep 2020 00:31

Tgt Ion: 43 Resp: 9461
 Ion Ratio Lower Upper
 43 100
 58 32.6 44.8 67.2#
 57 31.6 15.8 23.6#
 100 0.4 10.2 15.4#





#59
 1,2,3-Trichloropropane
 Concen: 6.216 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV018346.D
 Acq: 19 Sep 2020 00:31

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 15617
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.8 38.6

