

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018355.D
 Acq On : 19 Sep 2020 03:55
 Operator : SY/MD
 Sample : L4090-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 05:20:41 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	272432	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	268525	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127947	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91237	41.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.18%
7) Chloroethane-d5	1.58	69	76656	42.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.38%
11) 1,1-Dichloroethene-d2	2.12	63	133565	32.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.60%
21) 2-Butanone-d5	3.90	46	116699	85.87	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.87%
24) Chloroform-d	4.38	84	168652	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	5.06	65	112594	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.20%
32) Benzene-d6	5.08	84	338812	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.14%
36) 1,2-Dichloropropane-d6	6.09	67	109566	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.72%
41) Toluene-d8	7.34	98	299510	42.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.50%
43) trans-1,3-Dichloropropene-	7.64	79	49188	39.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.26%
47) 2-Hexanone-d5	8.11	63	76398	82.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.57%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	133205	43.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	124220	47.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.54%

Target Compounds

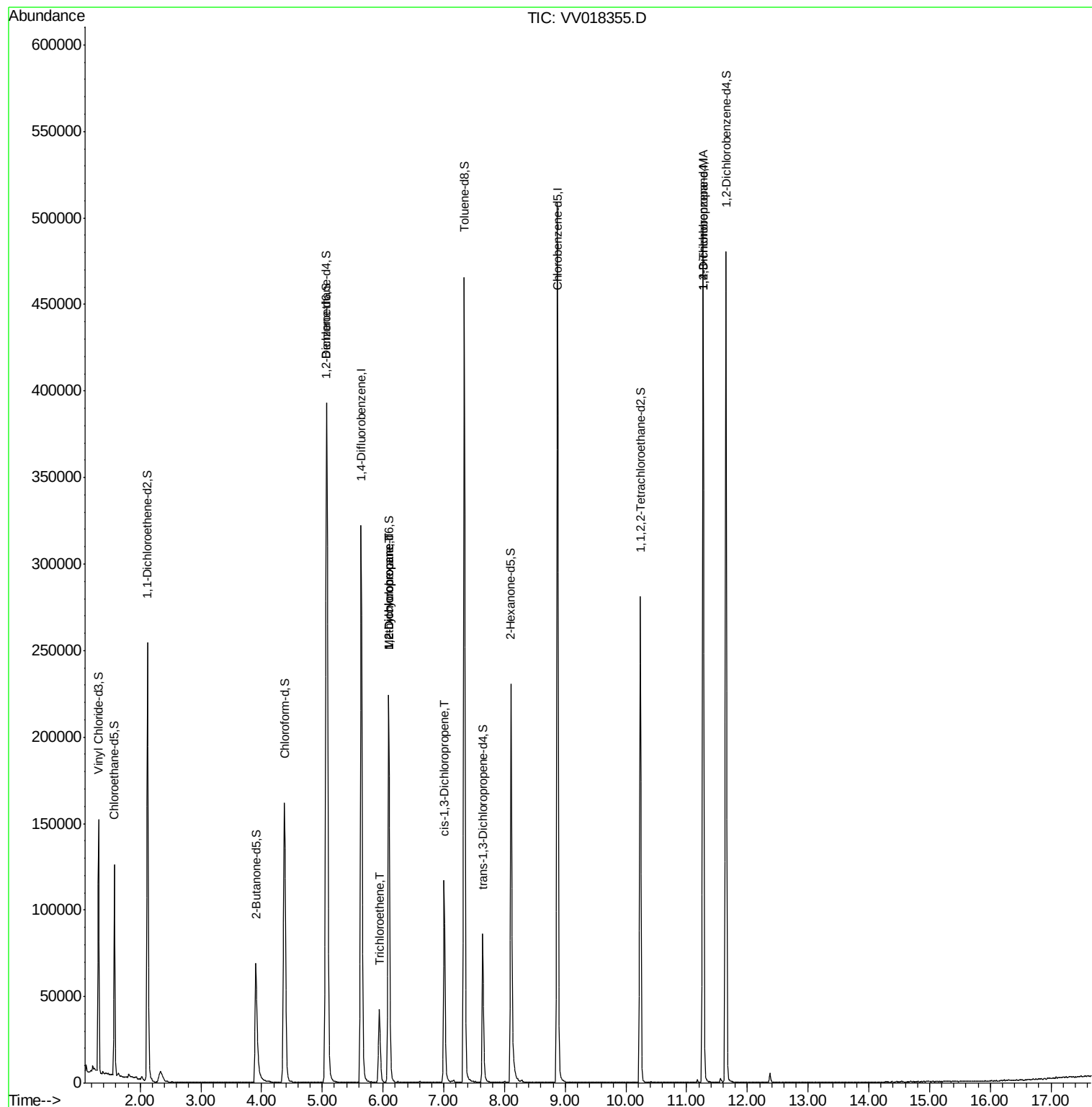
					Ovalue
34) Trichloroethene	5.94	95	12689	6.067 ug/L	98
35) Methylcyclohexane	6.09	83	25997	8.256 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	11933	5.866 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2790	0.890 ug/L #	57
59) 1,2,3-Trichloropropane	11.27	75	14445	6.037 ug/L	89

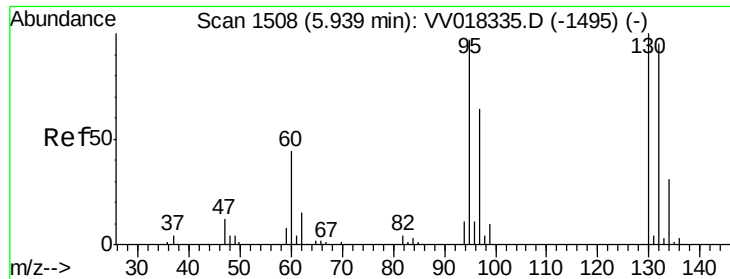
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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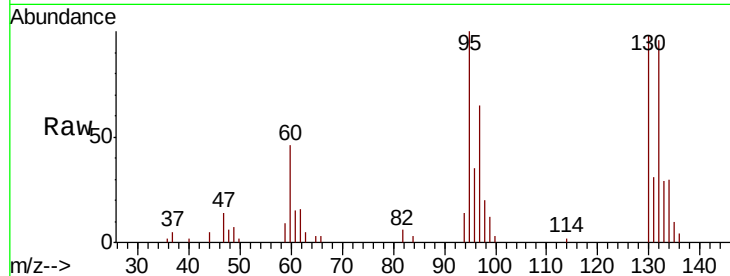




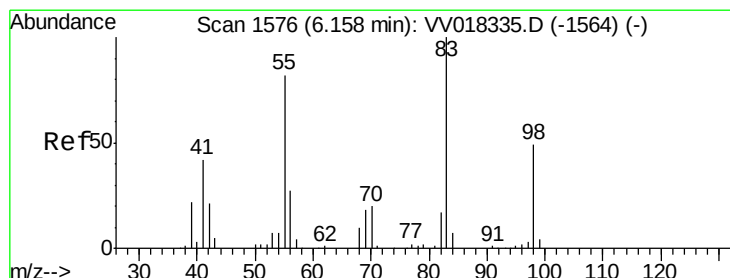
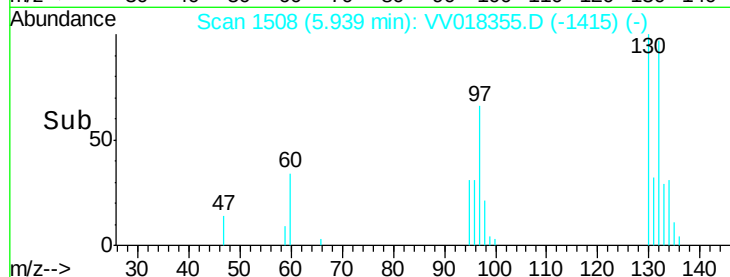
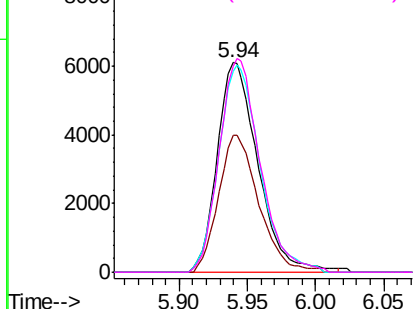
#34
 Trichloroethene
 Concen: 6.067 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV018355.D
 Acq: 19 Sep 2020 03:55

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 95 Resp: 12689
 Ion Ratio Lower Upper
 95 100
 97 65.1 46.3 85.9
 132 95.9 68.1 126.5
 130 98.5 71.5 132.9

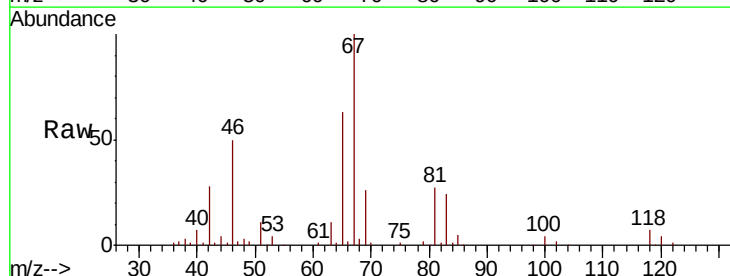


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

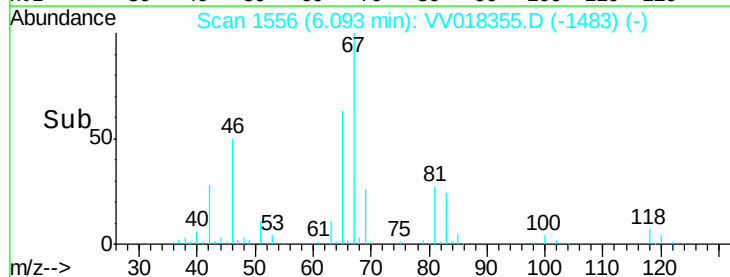
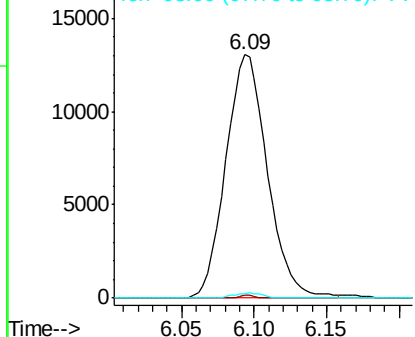


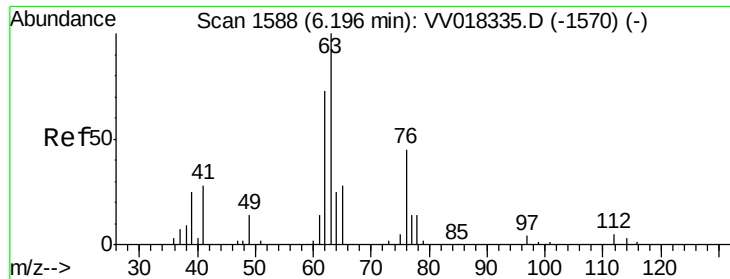
#35
 Methylcyclohexane
 Concen: 8.256 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV018355.D
 Acq: 19 Sep 2020 03:55

Tgt Ion: 83 Resp: 25997
 Ion Ratio Lower Upper
 83 100
 55 0.4 63.4 95.2#
 98 1.4 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

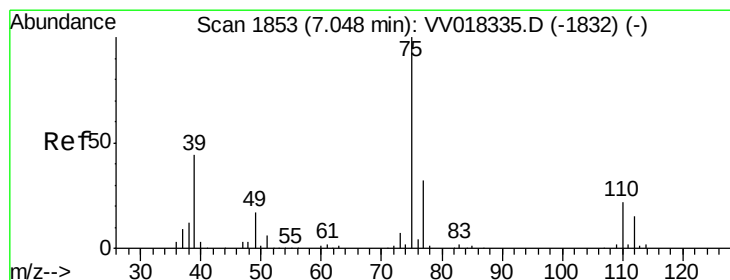
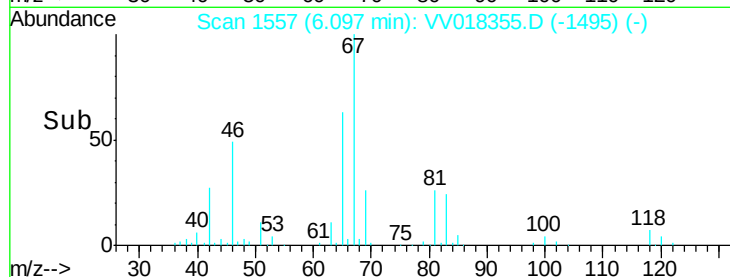
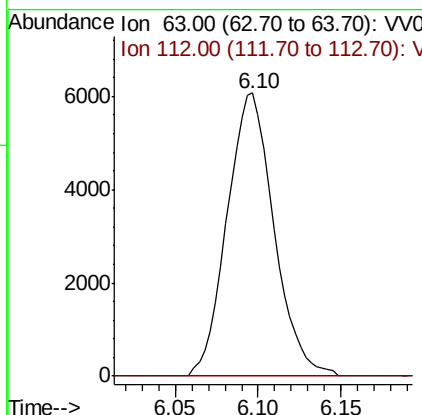
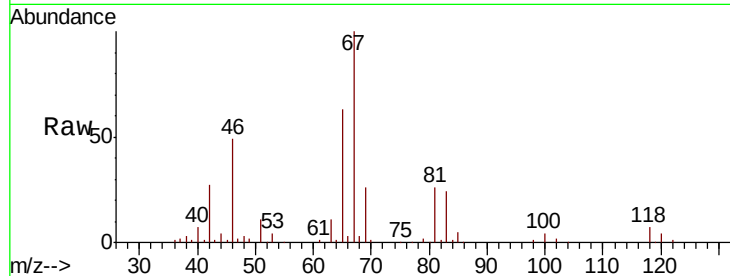




#37
 1,2-Dichloropropane
 Concen: 5.866 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018355.D
 Acq: 19 Sep 2020 03:55

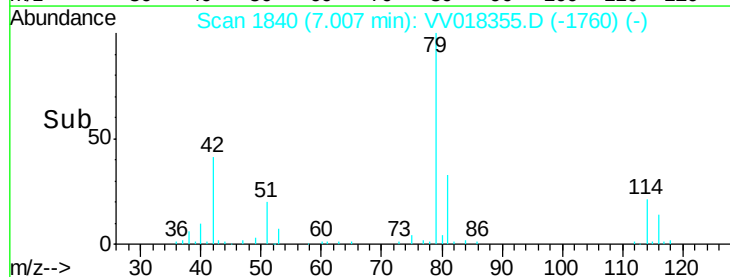
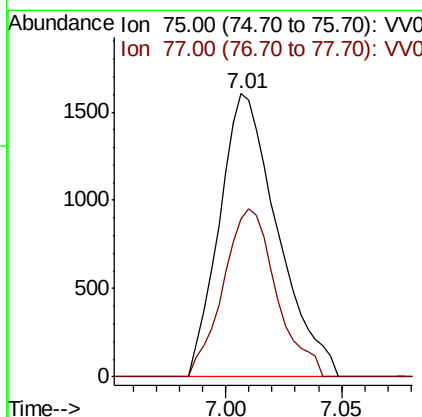
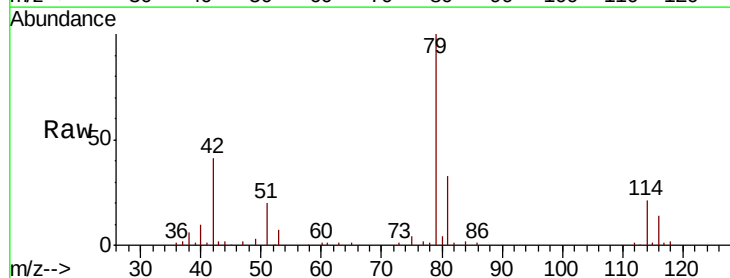
Instrument :
 MSVOA_V
 ClientSampled :

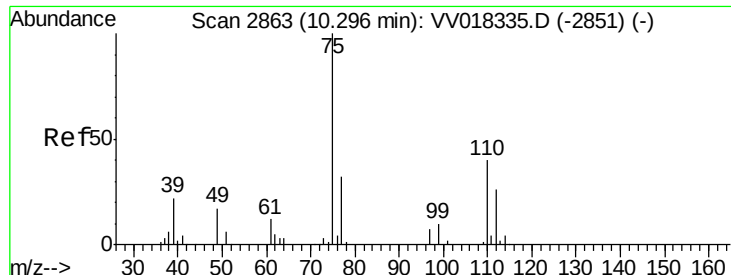
Tot Ion: 63 Resp: 11933
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.890 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018355.D
 Acq: 19 Sep 2020 03:55

Tgt Ion: 75 Resp: 2790
 Ion Ratio Lower Upper
 75 100
 77 55.8 22.3 41.3#





#59
 1,2,3-Trichloropropane
 Concen: 6.037 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV018355.D
 Acq: 19 Sep 2020 03:55

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 14445
 Ion Ratio Lower Upper
 75 100
 77 38.4 25.8 38.6

