

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018242.D
 Acq On : 16 Sep 2020 17:41
 Operator : SY/MD
 Sample : L4043-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 04:40:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 04:38:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	304718	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	301056	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146933	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93216	37.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.08%
7) Chloroethane-d5	1.58	69	77229	38.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.02%
11) 1,1-Dichloroethene-d2	2.12	63	134239	29.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.94%#
21) 2-Butanone-d5	3.92	46	116660	76.75	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.75%
24) Chloroform-d	4.38	84	163700	37.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.98%
26) 1,2-Dichloroethane-d4	5.06	65	110114	39.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.74%
32) Benzene-d6	5.08	84	331856	38.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.02%
36) 1,2-Dichloropropane-d6	6.09	67	105929	38.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.36%
41) Toluene-d8	7.34	98	298427	37.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.98%#
43) trans-1,3-Dichloropropene-	7.64	79	51486	37.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.00%
47) 2-Hexanone-d5	8.11	63	84924	81.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.87%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139073	40.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	125833	41.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.40%

Target Compounds

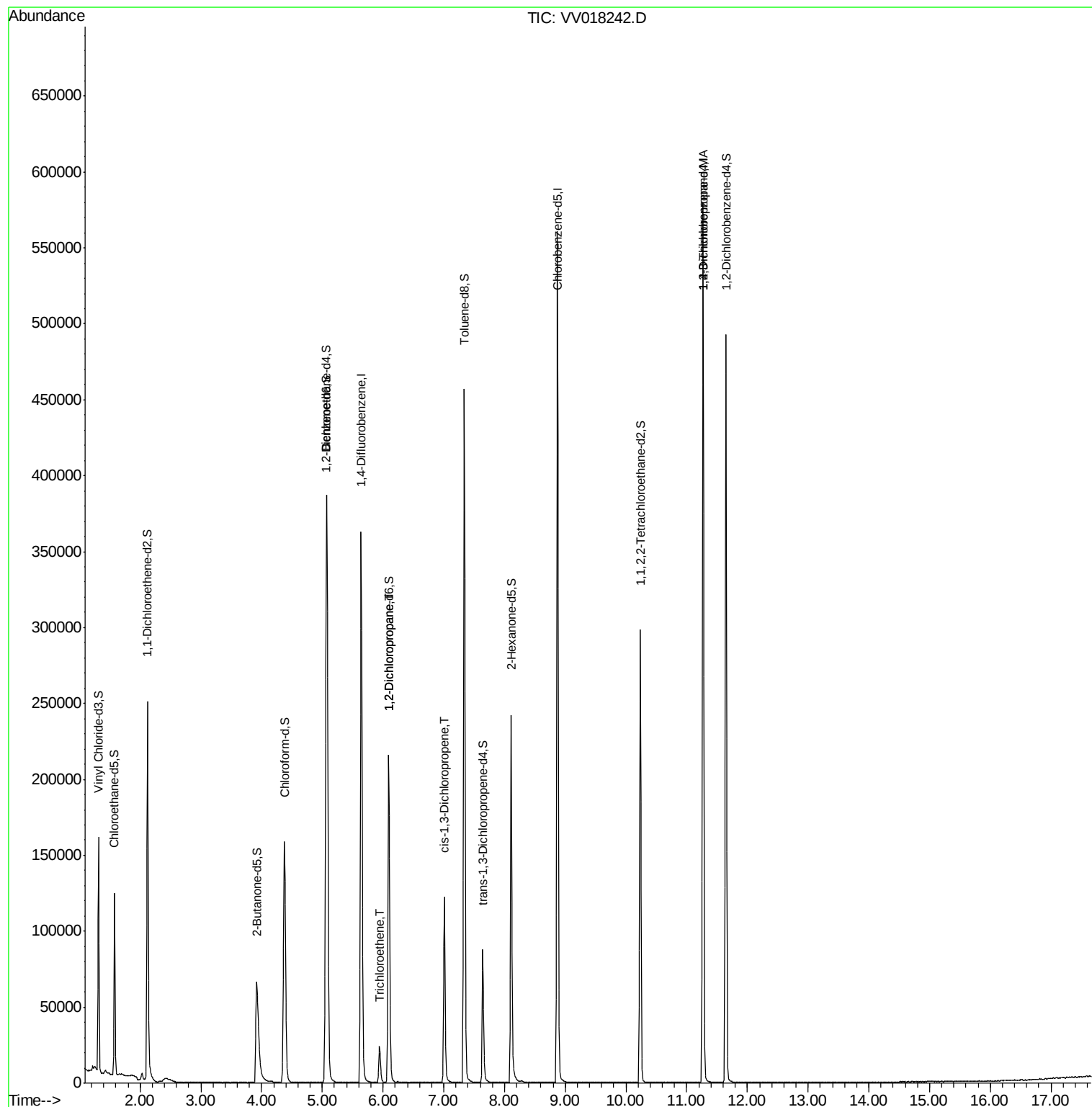
					Ovalue
34) Trichloroethene	5.95	95	8801	3.753 ug/L	93
37) 1,2-Dichloropropane	6.09	63	11441	5.016 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2899	0.825 ug/L #	65
59) 1,2,3-Trichloropropane	11.27	75	17160	6.396 ug/L	91

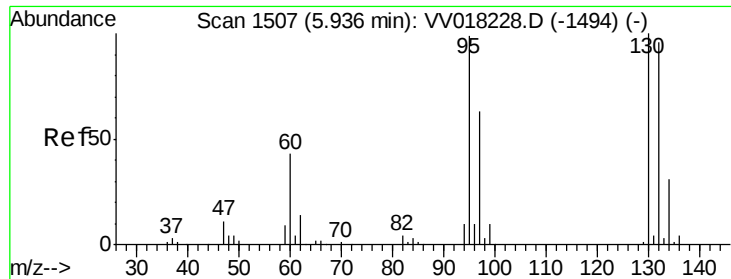
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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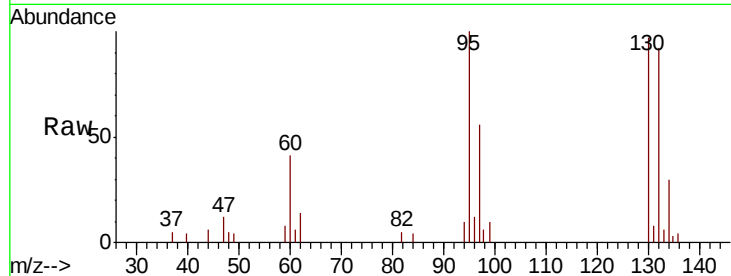




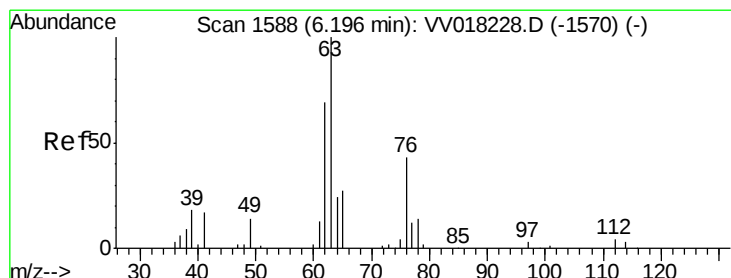
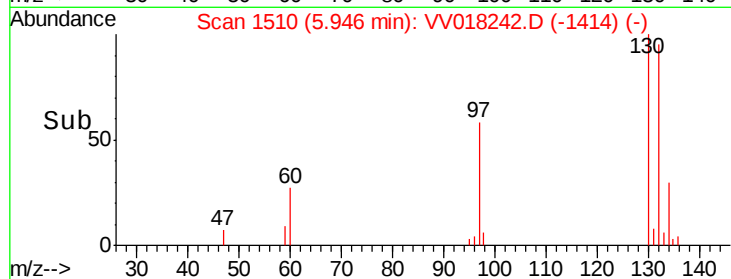
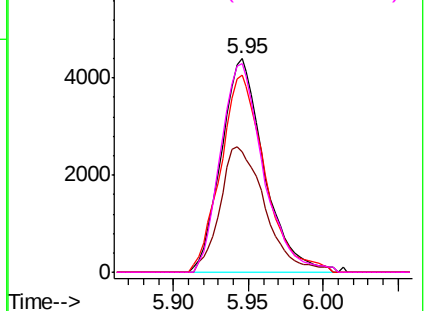
#34
 Trichloroethene
 Concen: 3.753 ug/L
 RT: 5.95 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VV018242.D
 Acq: 16 Sep 2020 17:41

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 8801
 Ion Ratio Lower Upper
 95 100
 97 56.3 46.3 85.9
 132 92.5 68.1 126.5
 130 97.5 71.5 132.9

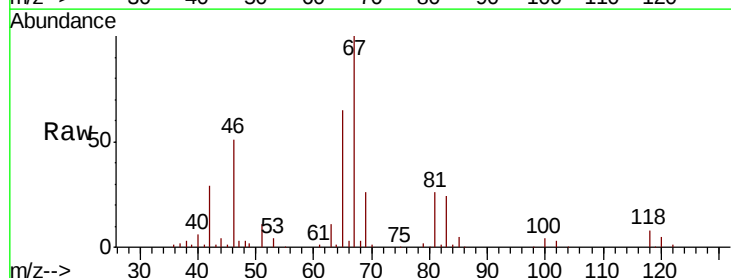


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

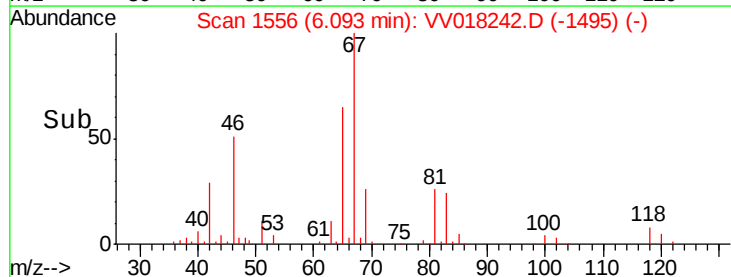
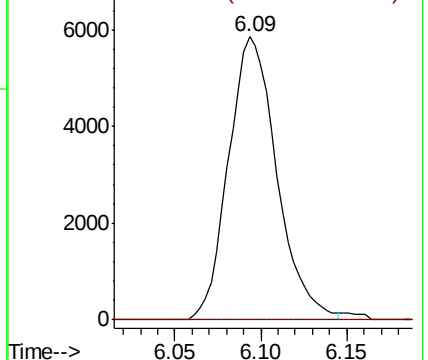


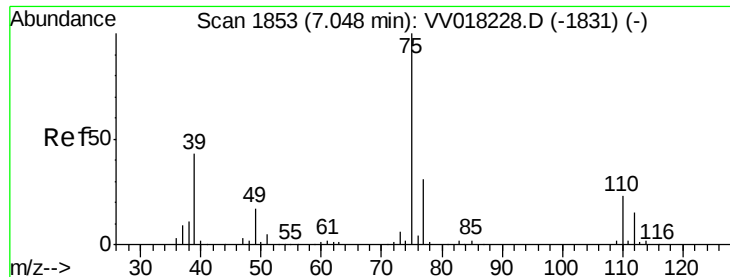
#37
 1,2-Dichloropropane
 Concen: 5.016 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018242.D
 Acq: 16 Sep 2020 17:41

Tgt Ion: 63 Resp: 11441
 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

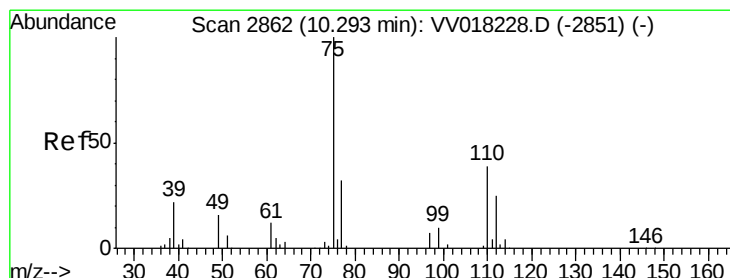
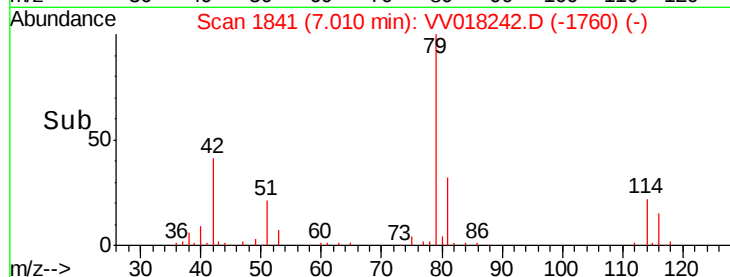
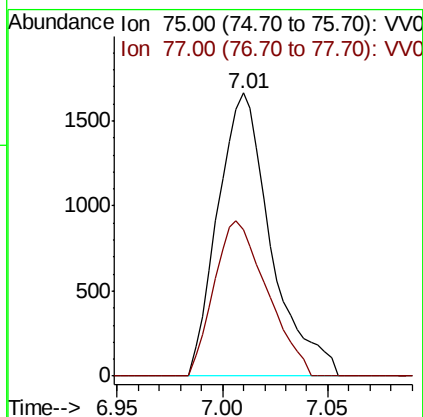
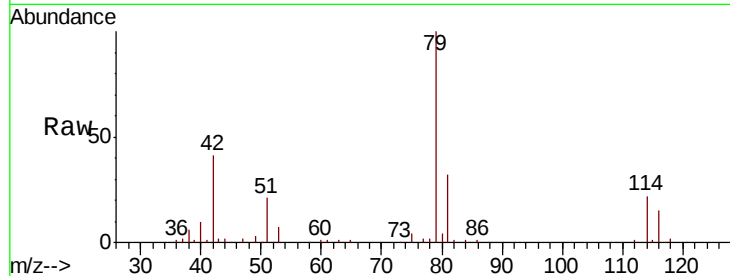




#39
 cis-1,3-Dichloropropene
 Concen: 0.825 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018242.D
 Acq: 16 Sep 2020 17:41

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 2899
 Ion Ratio Lower Upper
 75 100
 77 51.5 22.3 41.3#



#59
 1,2,3-Trichloropropane
 Concen: 6.396 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018242.D
 Acq: 16 Sep 2020 17:41

Tgt Ion: 75 Resp: 17160
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.8 38.6

