

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100520\
 Data File : VV018679.D
 Acq On : 05 Oct 2020 17:08
 Operator : SY/MD
 Sample : L4237-03DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 02:13:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 06 02:11:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	240545	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	238145	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	109085	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68529	48.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.16%
7) Chloroethane-d5	1.58	69	60110	51.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.06%
11) 1,1-Dichloroethene-d2	2.12	63	108535	37.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.52%
21) 2-Butanone-d5	3.91	46	89017	84.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.59%
24) Chloroform-d	4.38	84	133362	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	5.06	65	93978	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
32) Benzene-d6	5.07	84	253974	42.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.09	67	82574	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.60%
41) Toluene-d8	7.34	98	226503	39.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.82%#
43) trans-1,3-Dichloropropene-	7.64	79	39316	39.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.86%
47) 2-Hexanone-d5	8.11	63	46843	67.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.66%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	88897	36.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	96265	45.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.78%

Target Compounds

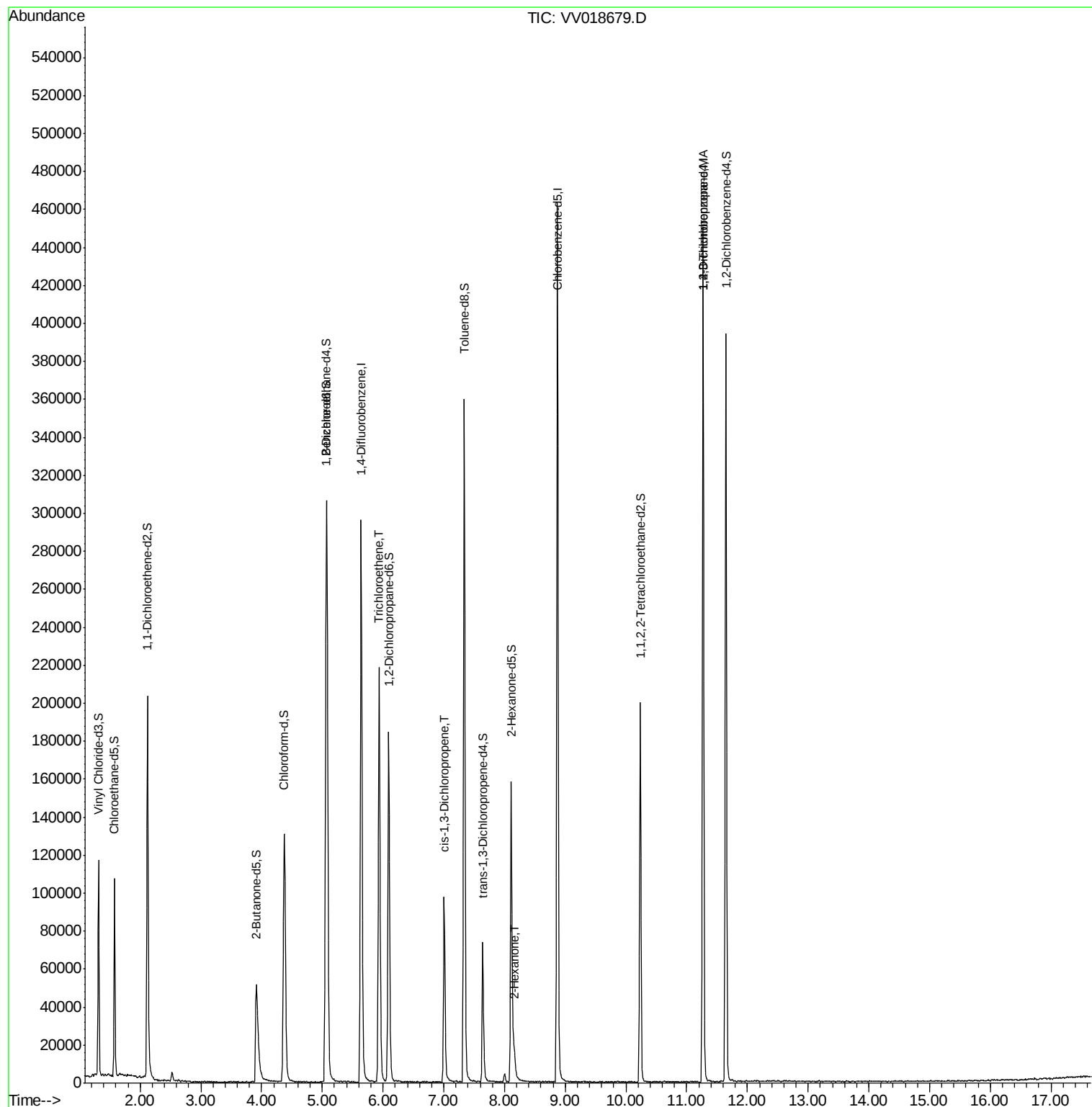
					Ovalue
34) Trichloroethene	5.94	95	68085	33.520 ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	2825	1.003 ug/L #	49
48) 2-Hexanone	8.16	43	8252	4.566 ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	13764	6.304 ug/L	90

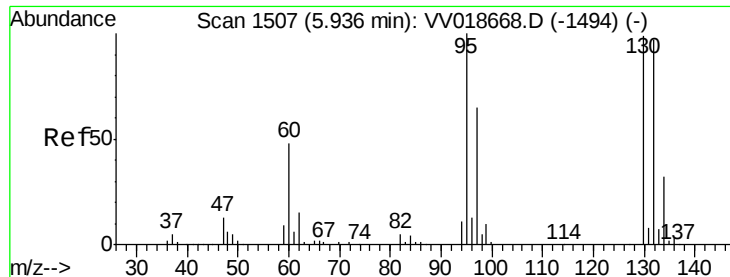
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 33.520 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018679.D

Acq: 05 Oct 2020 17:08

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 68085

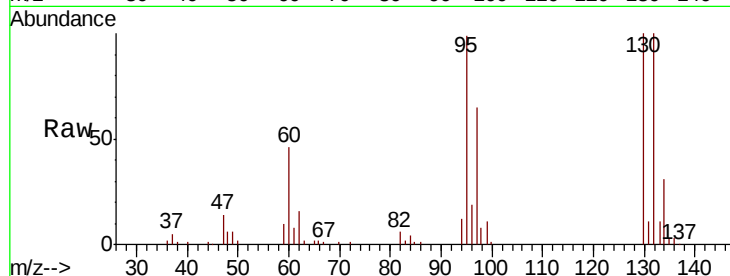
Ion Ratio Lower Upper

95 100

97 65.6 45.9 85.3

132 101.3 70.8 131.4

130 101.3 75.3 139.8

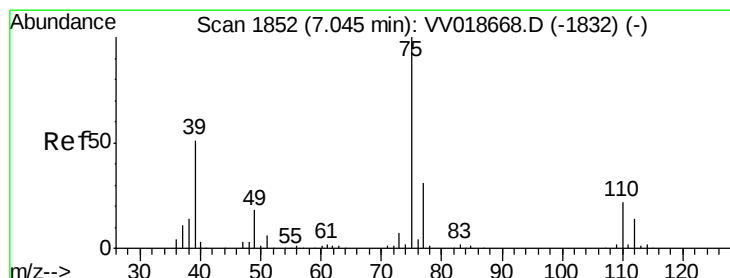
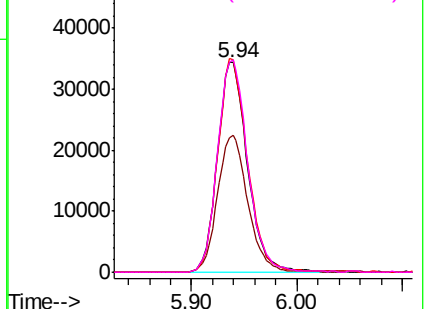
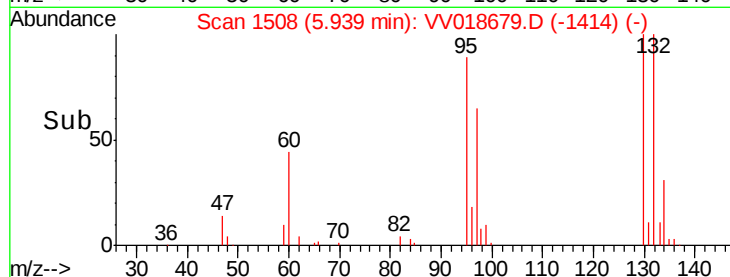


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#39

cis-1,3-Dichloropropene

Concen: 1.003 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018679.D

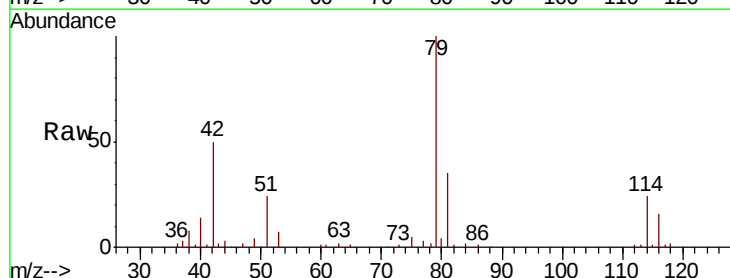
Acq: 05 Oct 2020 17:08

Tgt Ion: 75 Resp: 2825

Ion Ratio Lower Upper

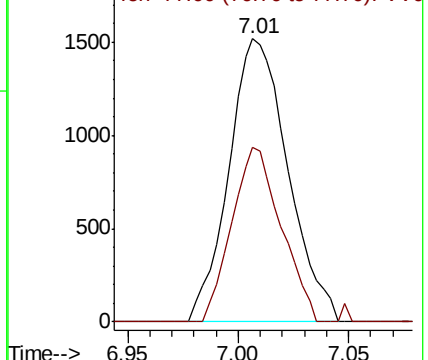
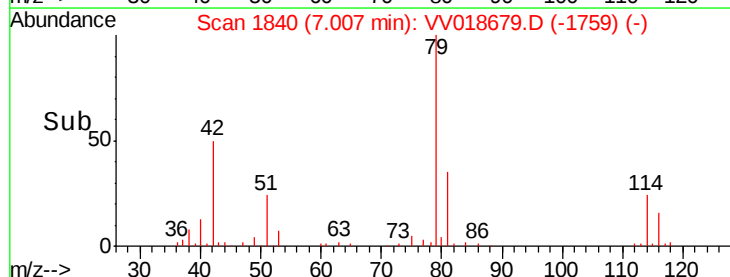
75 100

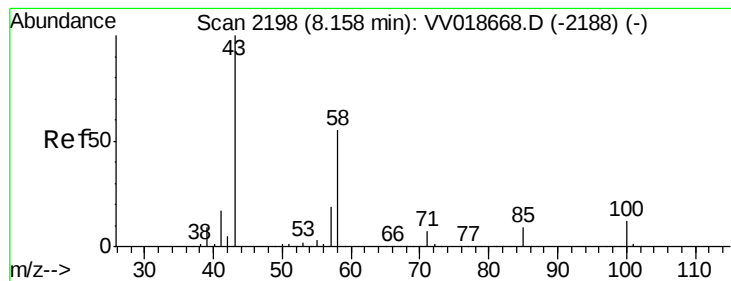
77 61.5 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 4.566 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018679.D

Acq: 05 Oct 2020 17:08

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 43 Resp: 8252

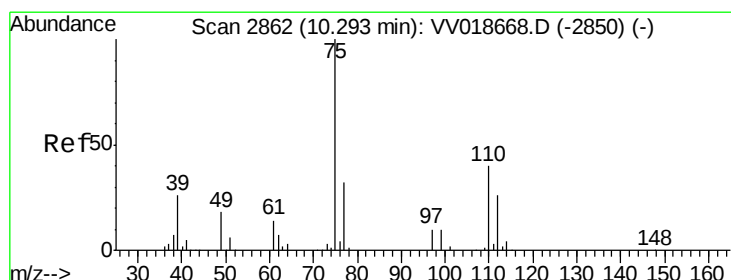
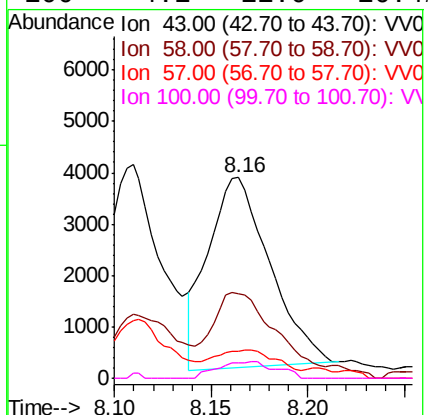
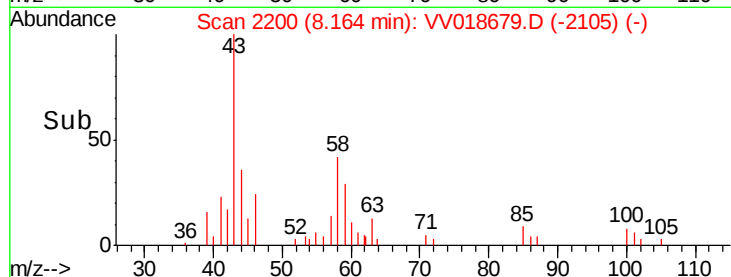
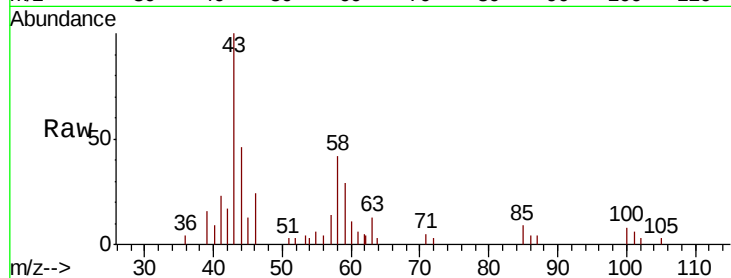
Ion Ratio Lower Upper

43 100

58 38.7 45.1 67.7#

57 15.4 15.7 23.5#

100 4.1 11.0 16.4#



#59

1,2,3-Trichloropropane

Concen: 6.304 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018679.D

Acq: 05 Oct 2020 17:08

Tgt Ion: 75 Resp: 13764

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.0

