

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018252.D
 Acq On : 16 Sep 2020 22:12
 Operator : SY/MD
 Sample : L4042-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 05:35:41 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	279370	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	274194	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130434	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90707	39.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.68%
7) Chloroethane-d5	1.58	69	77268	41.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.94%
11) 1,1-Dichloroethene-d2	2.12	63	130144	31.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.32%
21) 2-Butanone-d5	3.92	46	122537	87.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.93%
24) Chloroform-d	4.38	84	164421	41.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.24%
26) 1,2-Dichloroethane-d4	5.06	65	111047	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.70%
32) Benzene-d6	5.08	84	330130	42.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.12%
36) 1,2-Dichloropropane-d6	6.09	67	105954	42.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.96%
41) Toluene-d8	7.34	98	288197	40.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.58%
43) trans-1,3-Dichloropropene-	7.64	79	50701	40.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.00%
47) 2-Hexanone-d5	8.11	63	89447	94.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.68%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	143201	45.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	122667	45.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.58%

Target Compounds

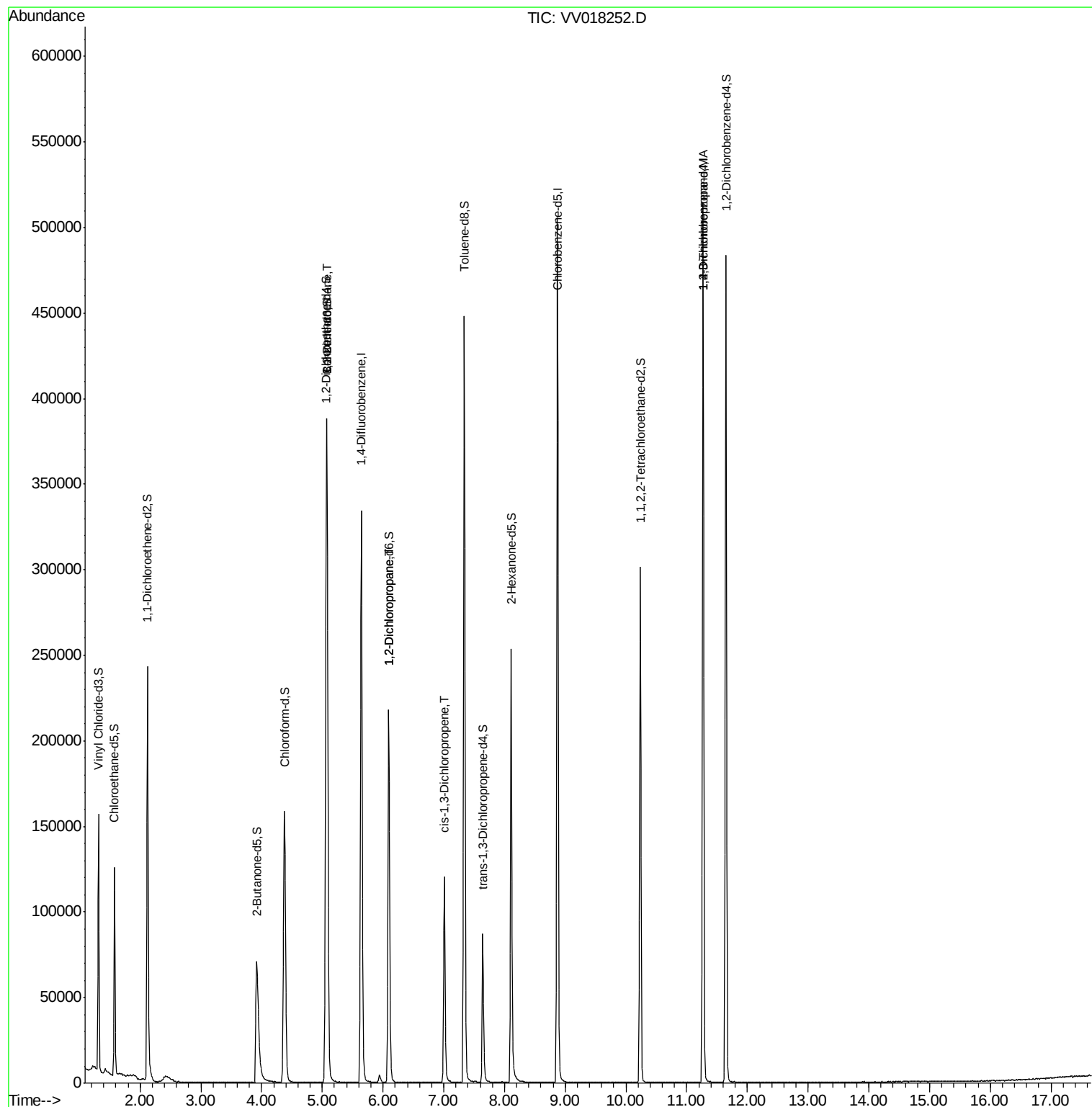
					Ovalue
27) 1,2-Dichloroethane	5.07	62	2006	0.713 ug/L #	74
37) 1,2-Dichloropropane	6.09	63	11458	5.516 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2820	0.881 ug/L #	51
59) 1,2,3-Trichloropropane	11.27	75	14551	5.955 ug/L	92

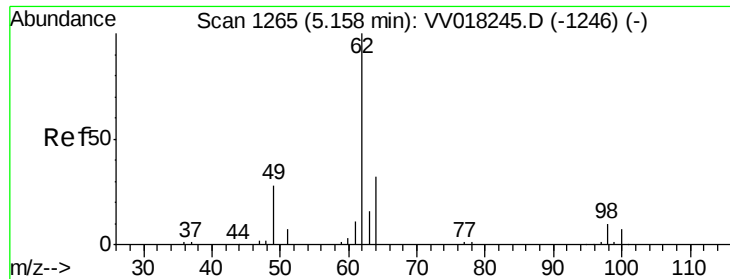
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#27

1,2-Dichloroethane

Concen: 0.713 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV018252.D

Acq: 16 Sep 2020 22:12

Instrument :

MSVOA_V

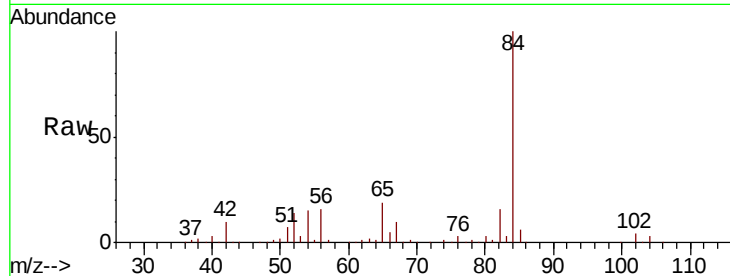
ClientSampled :

Tot Ion: 62 Resp: 2006

Ion Ratio Lower Upper

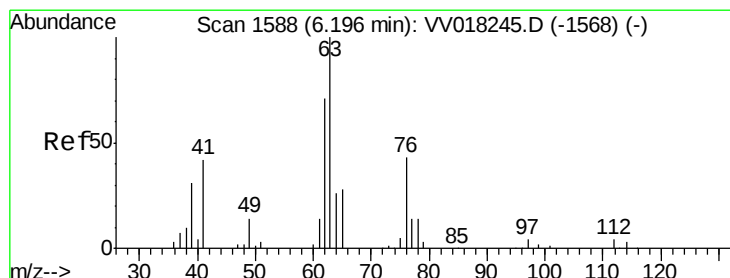
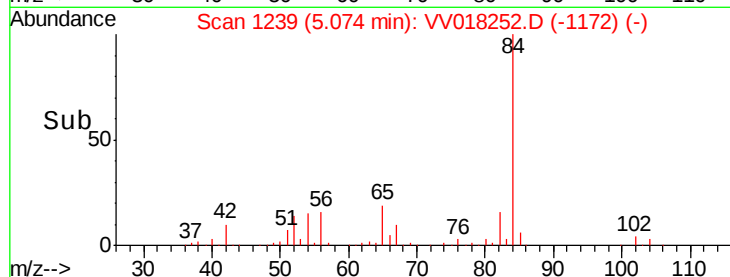
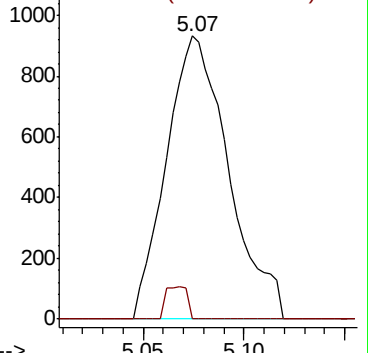
62 100

98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#37

1,2-Dichloropropane

Concen: 5.516 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018252.D

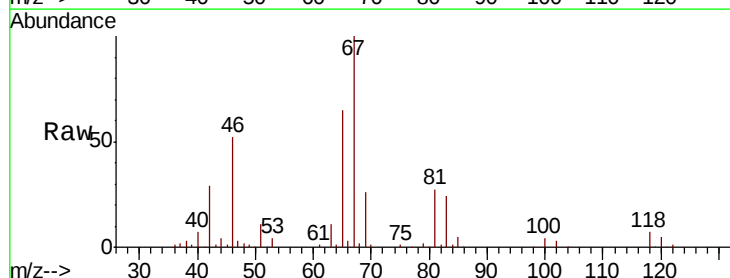
Acq: 16 Sep 2020 22:12

Tgt Ion: 63 Resp: 11458

Ion Ratio Lower Upper

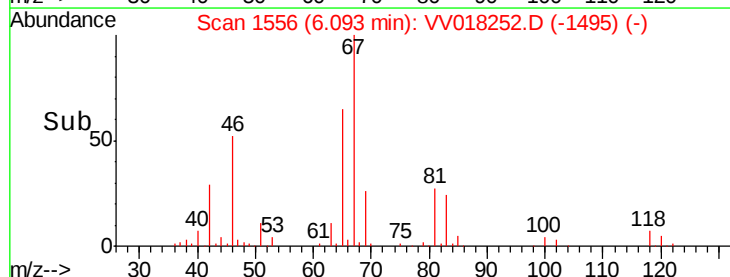
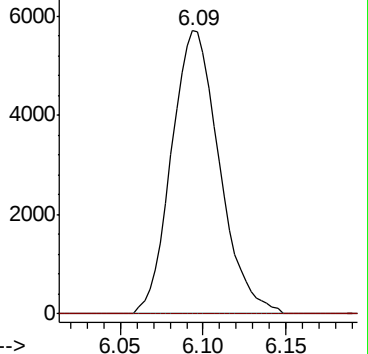
63 100

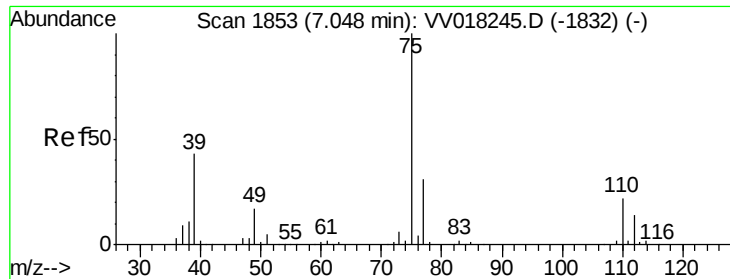
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

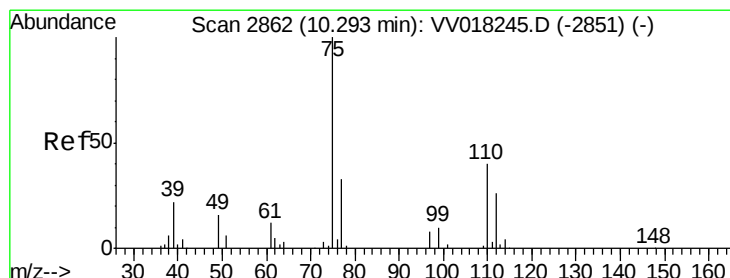
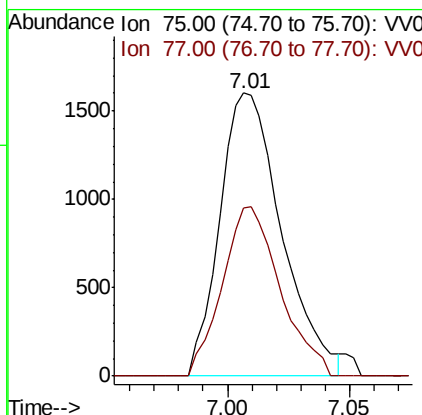
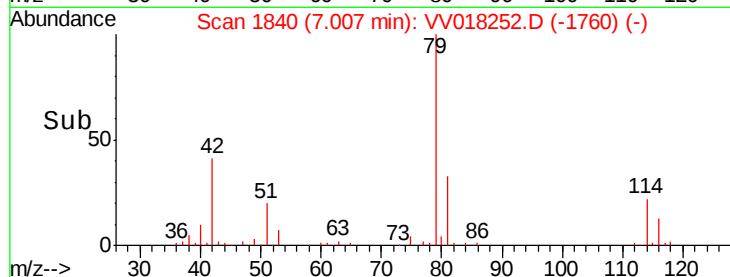
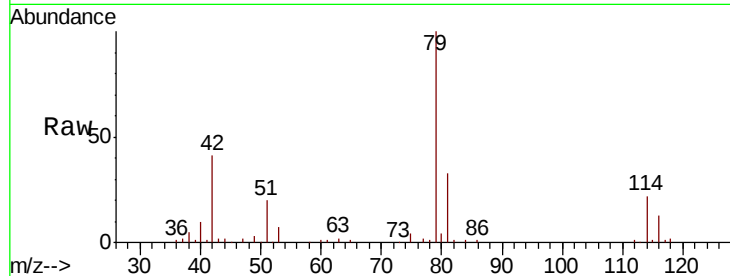




#39
 cis-1,3-Dichloropropene
 Concen: 0.881 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018252.D
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Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 2820
 Ion Ratio Lower Upper
 75 100
 77 59.2 22.3 41.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.955 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018252.D
 Acq: 16 Sep 2020 22:12

Tgt Ion: 75 Resp: 14551
 Ion Ratio Lower Upper
 75 100
 77 36.9 25.8 38.6

