

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091520\
 Data File : VV018225.D
 Acq On : 15 Sep 2020 16:33
 Operator : SY/MD
 Sample : L4012-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWZ3

Quant Time: Sep 16 05:47:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 16 05:45:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	289046	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	288647	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142848	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79460	33.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.46%
7) Chloroethane-d5	1.58	69	77463	40.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.38%
11) 1,1-Dichloroethene-d2	2.12	63	128709	29.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.58%#
21) 2-Butanone-d5	3.90	46	135268	93.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.82%
24) Chloroform-d	4.37	84	185750	45.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.90%
26) 1,2-Dichloroethane-d4	5.05	65	125359	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
32) Benzene-d6	5.07	84	364751	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.28%
36) 1,2-Dichloropropane-d6	6.09	67	120099	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.48%
41) Toluene-d8	7.33	98	325605	43.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.48%
43) trans-1,3-Dichloropropene-	7.64	79	56655	42.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.92%
47) 2-Hexanone-d5	8.10	63	100304	100.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.86%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	163034	49.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	145432	49.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.14%

Target Compounds

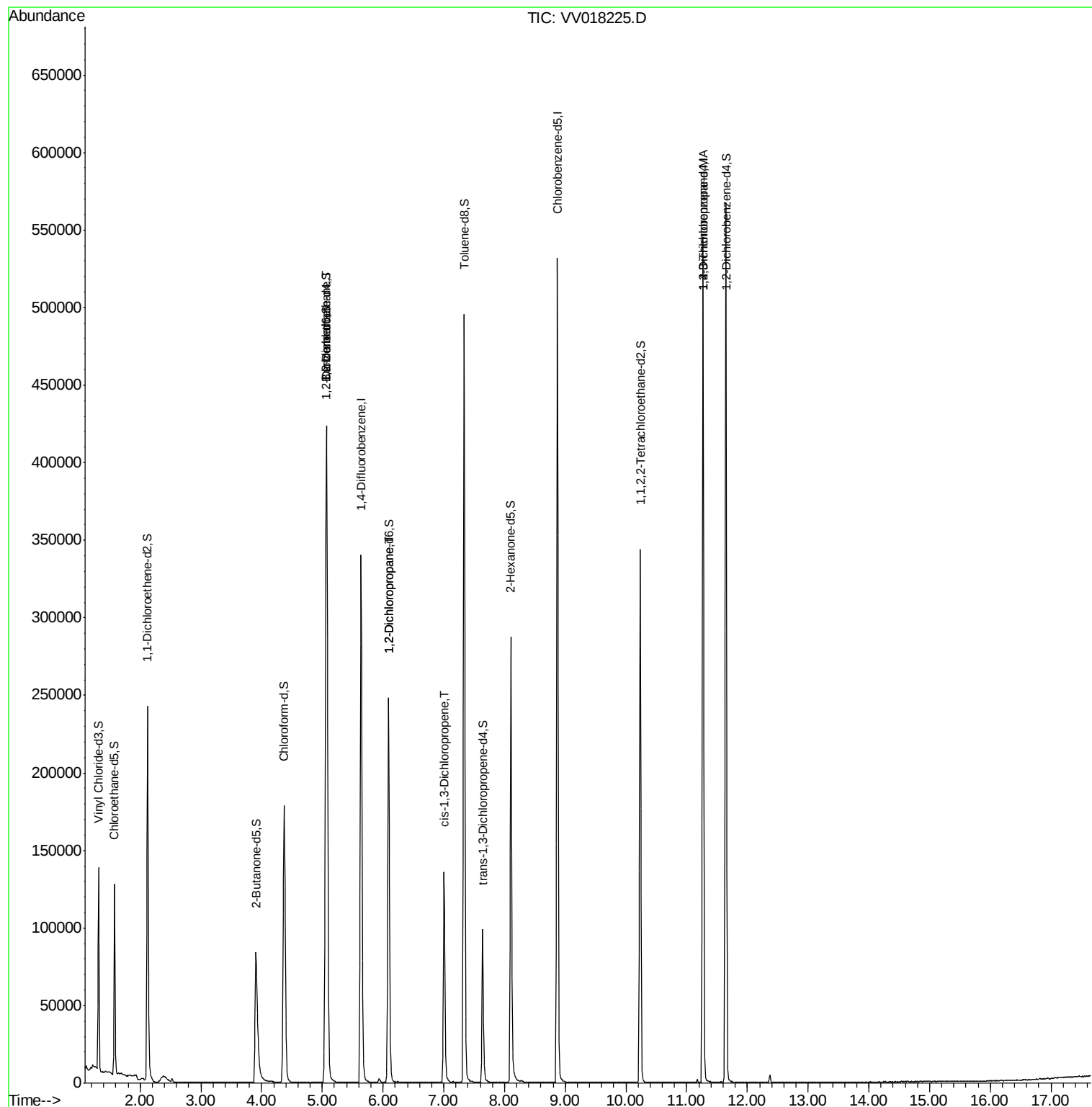
					Ovalue
27) 1,2-Dichloroethane	5.08	62	2156	0.741 ug/L #	74
37) 1,2-Dichloropropane	6.09	63	13363	6.111 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3213	0.954 ug/L #	51
59) 1,2,3-Trichloropropane	11.27	75	15886	6.176 ug/L	90

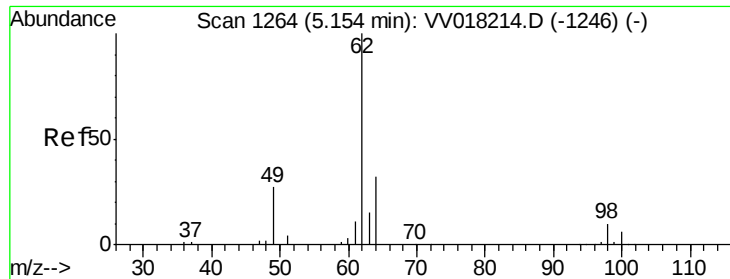
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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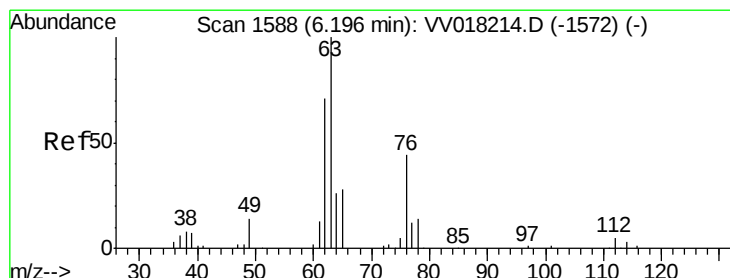
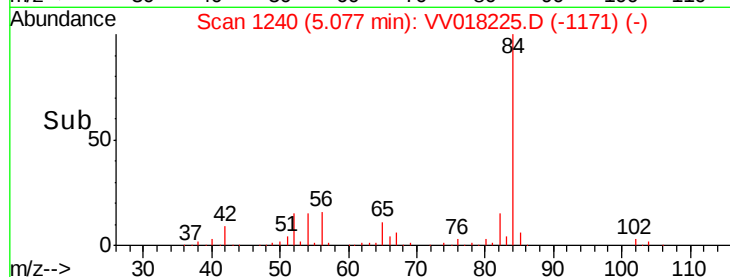
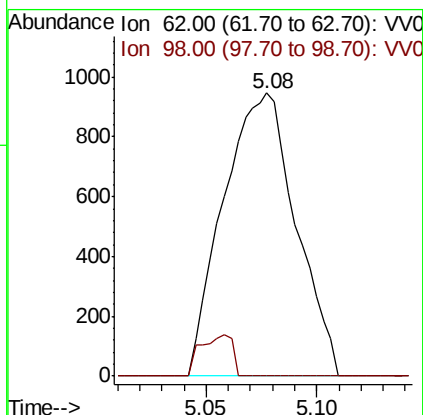
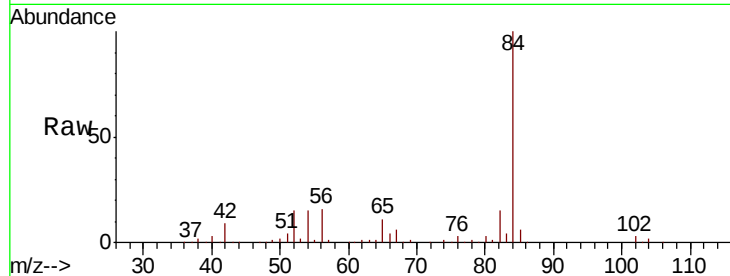




#27
 1,2-Dichloroethane
 Concen: 0.741 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV018225.D
 Acq: 15 Sep 2020 16:33

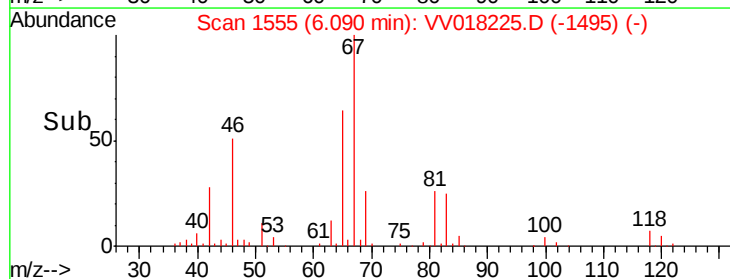
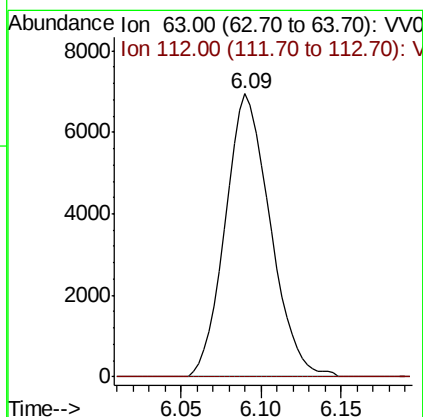
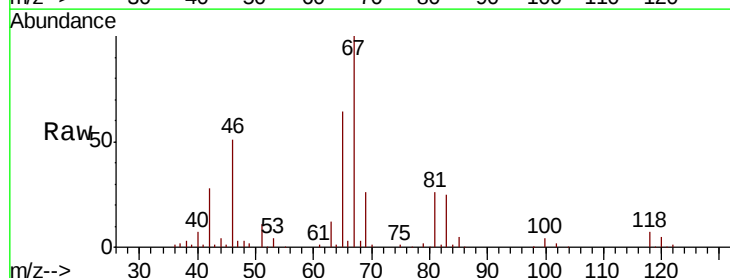
Instrument :
 MSVOA_V
 ClientSampled :
 BFWZ3

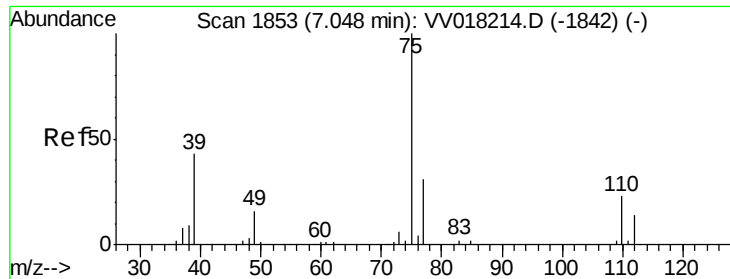
Tot Ion: 62 Resp: 2156
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#37
 1,2-Dichloropropane
 Concen: 6.111 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV018225.D
 Acq: 15 Sep 2020 16:33

Tgt Ion: 63 Resp: 13363
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.954 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018225.D

Acq: 15 Sep 2020 16:33

Instrument :

MSVOA_V

ClientSampleId :

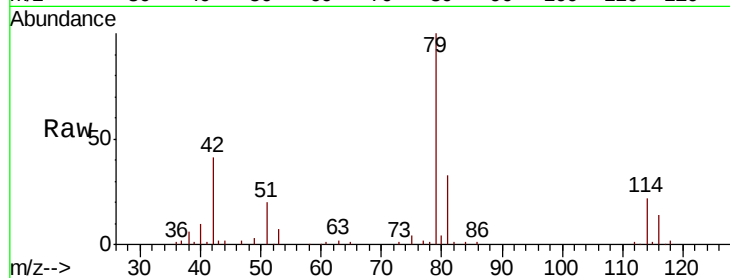
BFWZ3

Tot Ion: 75 Resp: 3213

Ion Ratio Lower Upper

75 100

77 59.2 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

2000

1500

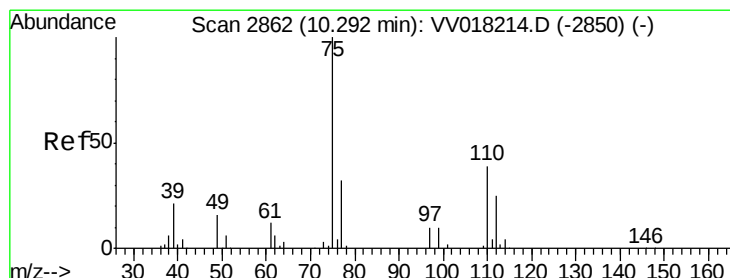
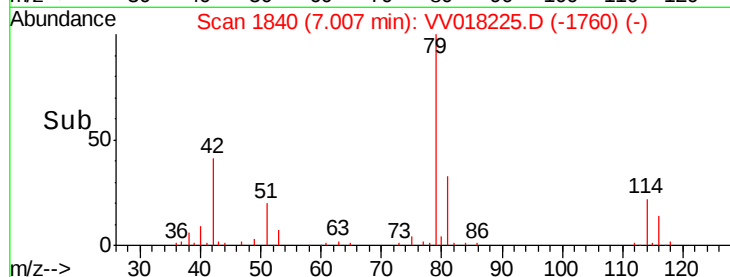
1000

500

0

6.95 7.01 7.05

Time-->



#59

1,2,3-Trichloropropane

Concen: 6.176 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV018225.D

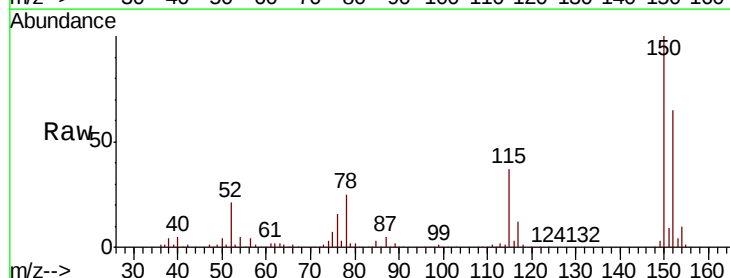
Acq: 15 Sep 2020 16:33

Tgt Ion: 75 Resp: 15886

Ion Ratio Lower Upper

75 100

77 37.9 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

12000

10000

8000

6000

4000

2000

0

11.25 11.27 11.30

Time-->

