

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018284.D
 Acq On : 17 Sep 2020 17:14
 Operator : SY/MD
 Sample : L4066-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWT5

Quant Time: Sep 18 06:20:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 06:17:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	302943	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	301912	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145652	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87612	35.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.98%
7) Chloroethane-d5	1.58	69	74924	37.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.18%
11) 1,1-Dichloroethene-d2	2.12	63	131263	28.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.96%#
21) 2-Butanone-d5	3.91	46	120730	79.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.89%
24) Chloroform-d	4.38	84	168306	39.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.58%
26) 1,2-Dichloroethane-d4	5.06	65	111558	40.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.26%
32) Benzene-d6	5.08	84	336522	38.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.88%
36) 1,2-Dichloropropane-d6	6.09	67	109315	39.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.62%
41) Toluene-d8	7.34	98	299821	38.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.12%#
43) trans-1,3-Dichloropropene-	7.64	79	52425	37.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.14%
47) 2-Hexanone-d5	8.11	63	85960	82.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	143960	41.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	127670	42.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.36%

Target Compounds

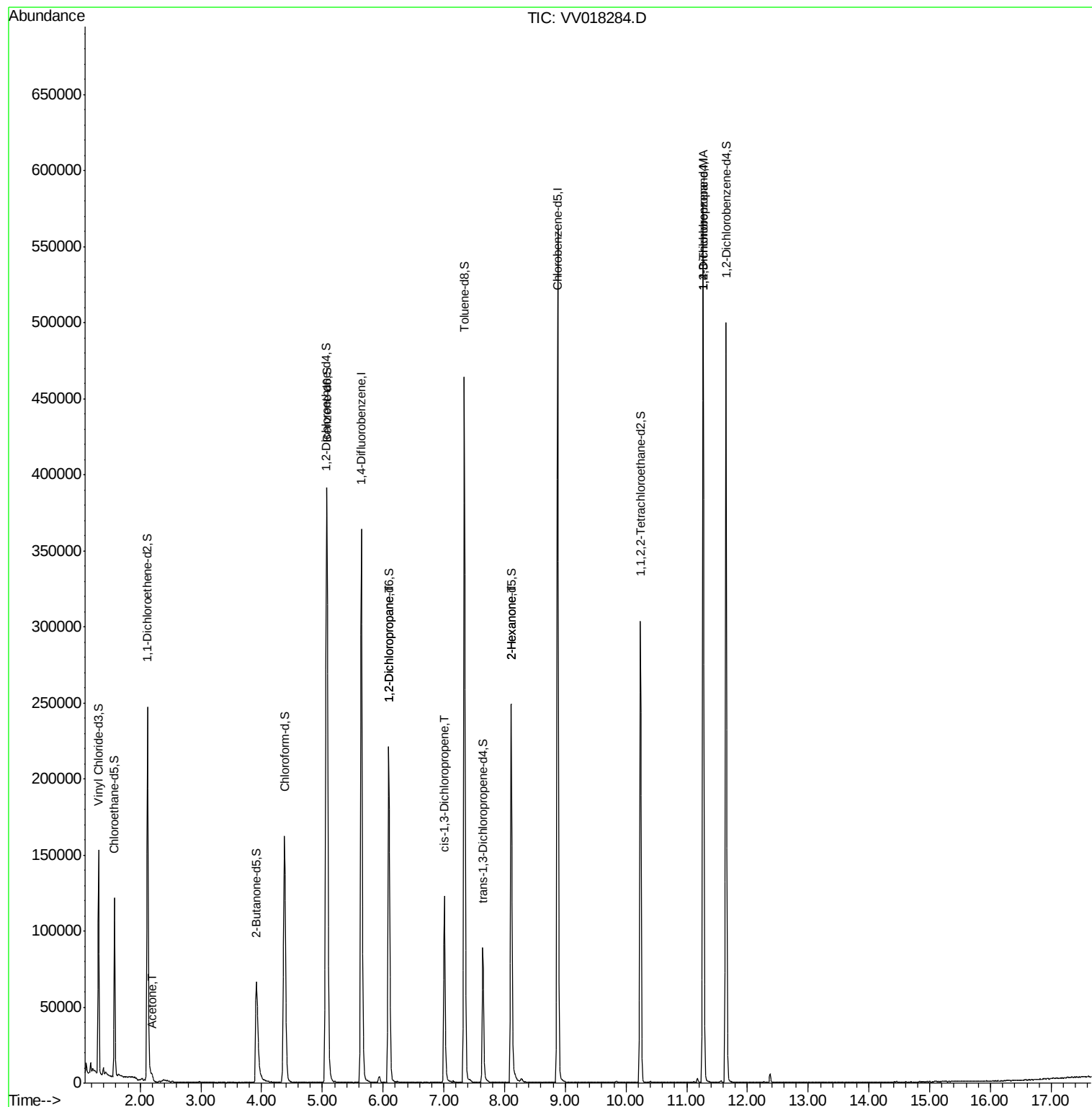
					Ovalue
13) Acetone	2.20	43	5810	4.801 ug/L	94
37) 1,2-Dichloropropane	6.09	63	11700	5.115 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2850	0.809 ug/L #	65
48) 2-Hexanone	8.11	43	10546	4.821 ug/L #	67
59) 1,2,3-Trichloropropane	11.27	75	16778	6.236 ug/L	92

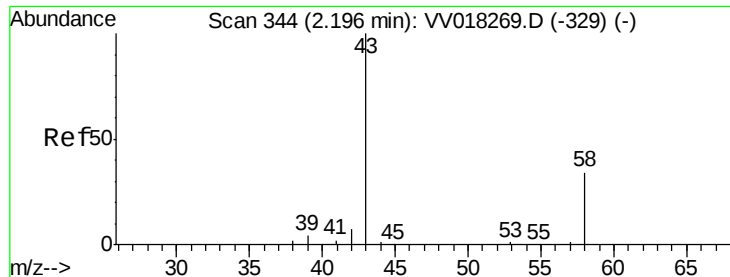
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 18 06:17:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.801 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV018284.D

Acq: 17 Sep 2020 17:14

Instrument :

MSVOA_V

ClientSampleId :

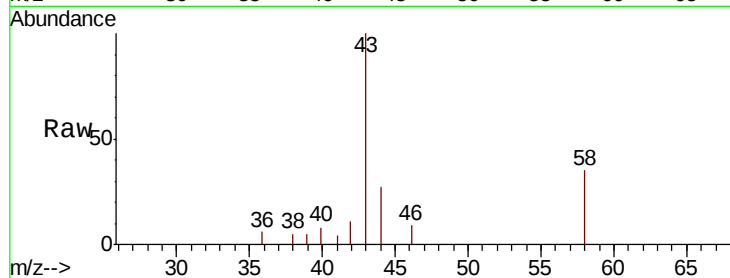
BFWT5

Tot Ion: 43 Resp: 5810

Ion Ratio Lower Upper

43 100

58 36.9 0.0 67.4



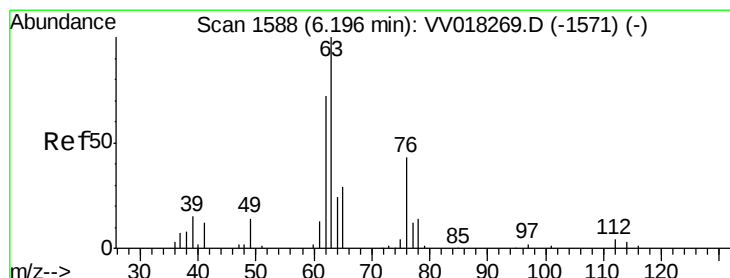
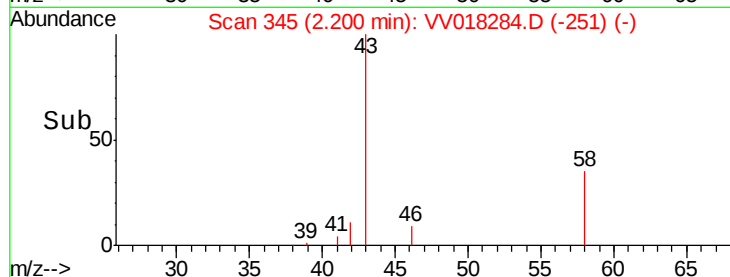
Abundance Ion 43.00 (42.70 to 43.70): VV018269.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV018269.D (-329) (-)

2.20

2.15 2.20 2.25

Time-->



#37

1,2-Dichloropropane

Concen: 5.115 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018284.D

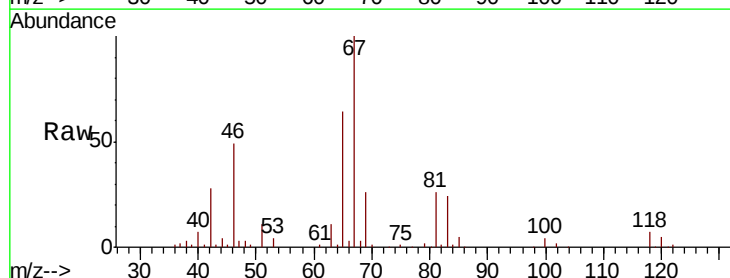
Acq: 17 Sep 2020 17:14

Tgt Ion: 63 Resp: 11700

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



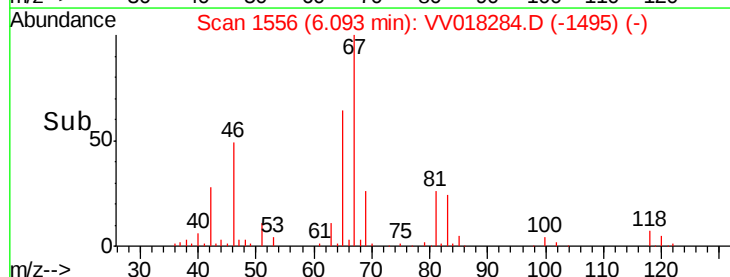
Abundance Ion 63.00 (62.70 to 63.70): VV018269.D (-1571) (-)

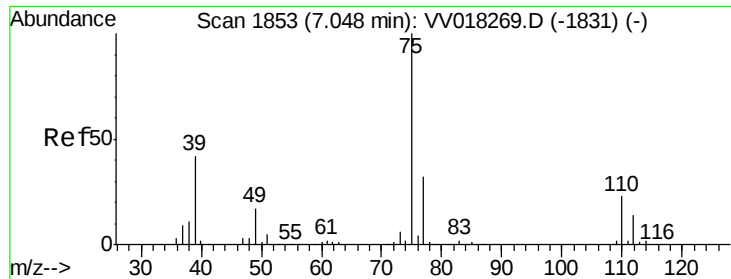
Ion 112.00 (111.70 to 112.70): VV018269.D (-1571) (-)

6.09

6.05 6.10 6.15

Time-->



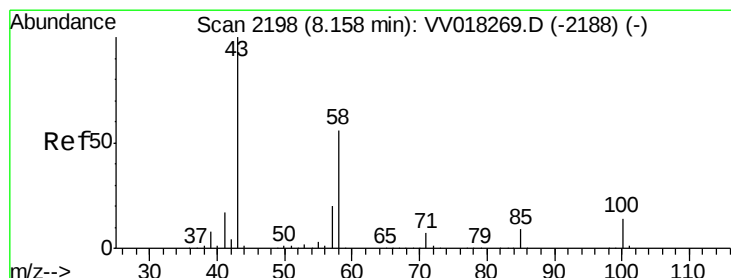
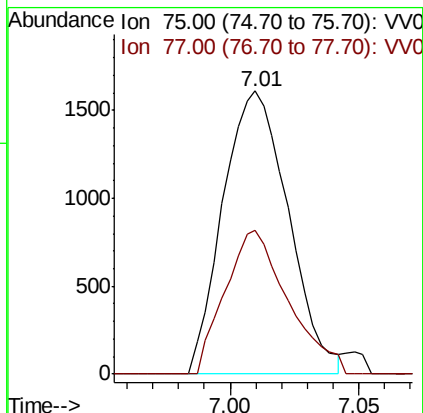
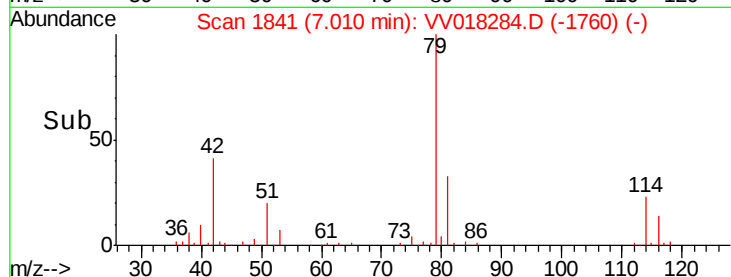
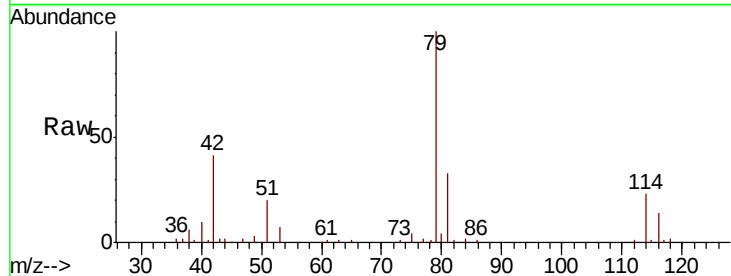


#39

cis-1,3-Dichloropropene
Concen: 0.809 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018284.D
Acq: 17 Sep 2020 17:14

Instrument :
MSVOA_V
ClientSampleId :
BFWT5

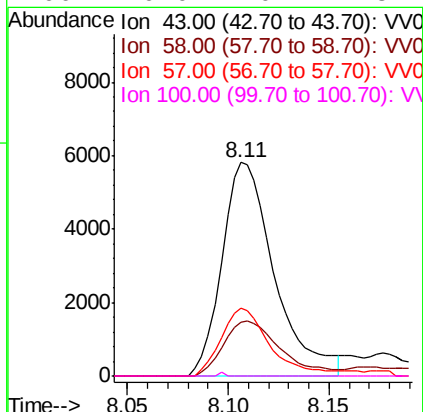
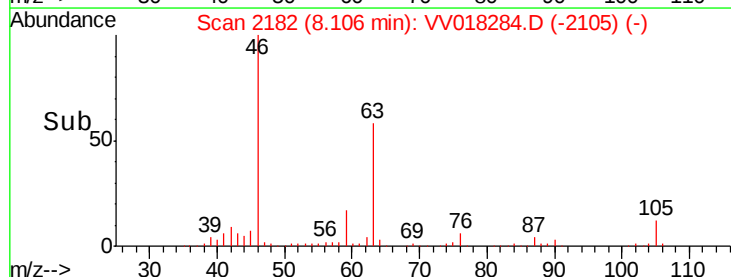
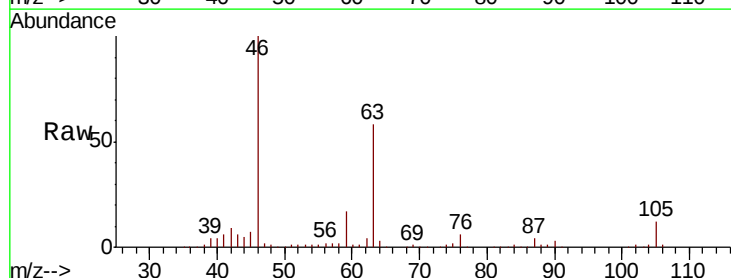
Tot Ion: 75 Resp: 2850
Ion Ratio Lower Upper
75 100
77 51.1 22.3 41.3#

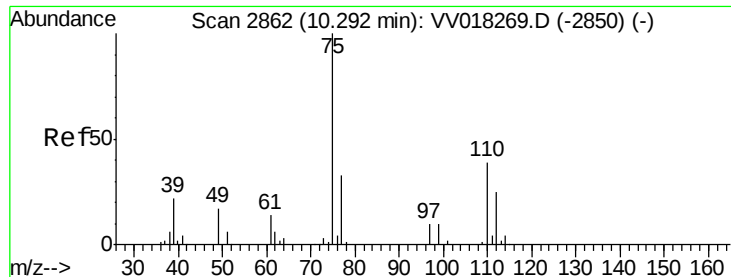


#48

2-Hexanone
Concen: 4.821 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV018284.D
Acq: 17 Sep 2020 17:14

Tgt Ion: 43 Resp: 10546
Ion Ratio Lower Upper
43 100
58 28.2 44.8 67.2#
57 29.2 15.8 23.6#
100 0.0 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.236 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018284.D

Acq: 17 Sep 2020 17:14

Instrument :

MSVOA_V

ClientSampleId :

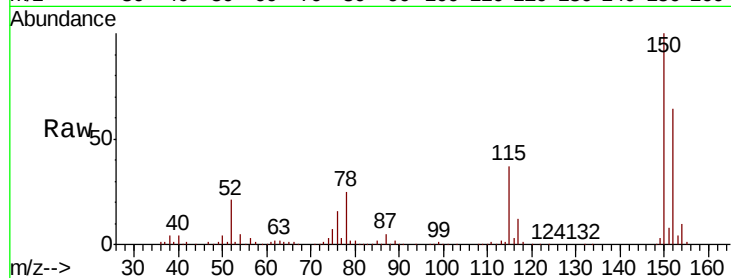
BFWT5

Tot Ion: 75 Resp: 16778

Ion Ratio Lower Upper

75 100

77 36.5 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

