

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018285.D
 Acq On : 17 Sep 2020 17:36
 Operator : SY/MD
 Sample : L4066-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWW2

Quant Time: Sep 18 06:20:17 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	280617	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279997	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133901	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87184	38.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.24%
7) Chloroethane-d5	1.58	69	74816	39.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.96%
11) 1,1-Dichloroethene-d2	2.12	63	128417	30.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.22%
21) 2-Butanone-d5	3.91	46	121069	86.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.49%
24) Chloroform-d	4.38	84	166096	41.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.72%
26) 1,2-Dichloroethane-d4	5.06	65	110420	43.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.82%
32) Benzene-d6	5.08	84	332434	41.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.94%
36) 1,2-Dichloropropane-d6	6.09	67	107516	42.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.42%
41) Toluene-d8	7.34	98	295998	40.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.04%
43) trans-1,3-Dichloropropene-	7.64	79	51316	39.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.30%
47) 2-Hexanone-d5	8.11	63	86478	89.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	142621	44.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	126550	46.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.04%

Target Compounds

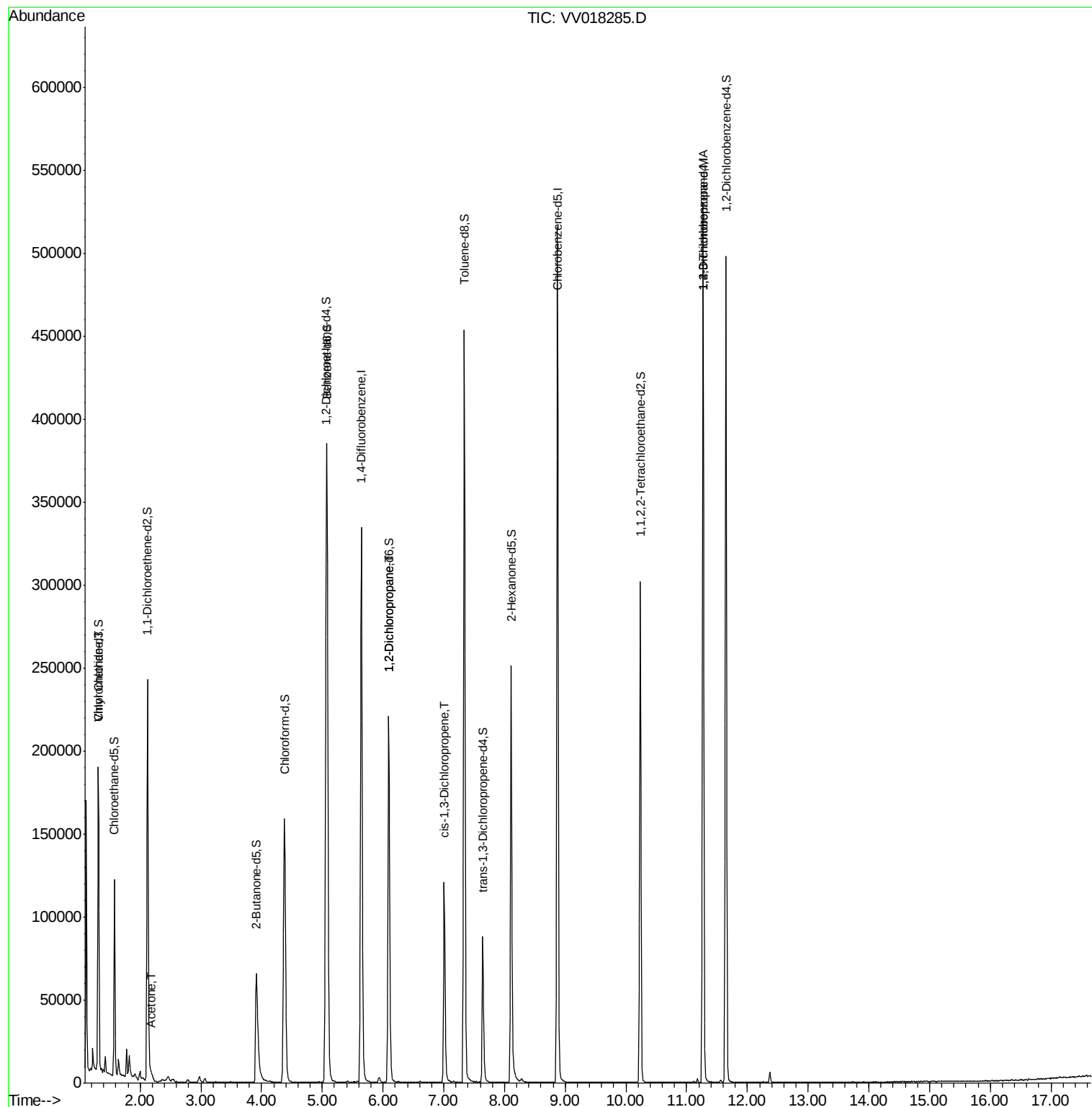
					Ovalue
3) Chloromethane	1.30	50	1941	0.869 ug/L	86
13) Acetone	2.19	43	5543	4.945 ug/L	94
37) 1,2-Dichloropropane	6.09	63	12182	5.743 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2783	0.851 ug/L #	64
59) 1,2,3-Trichloropropane	11.27	75	15557	6.235 ug/L	92

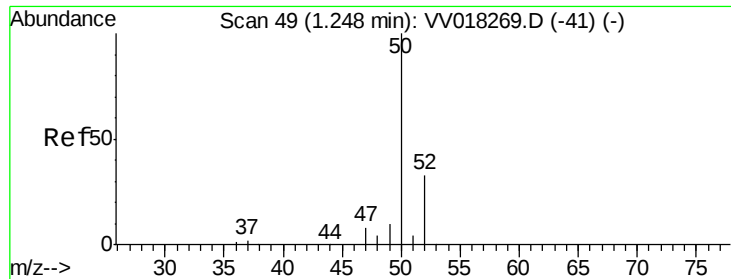
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.869 ug/L

RT: 1.30 min Scan# 66

Delta R.T. 0.05 min

Lab File: VV018285.D

Acq: 17 Sep 2020 17:36

Instrument :

MSVOA_V

ClientSampleId :

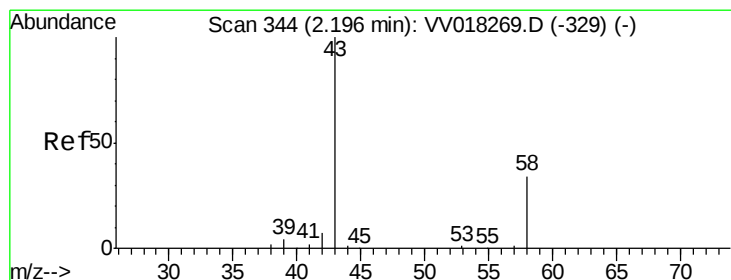
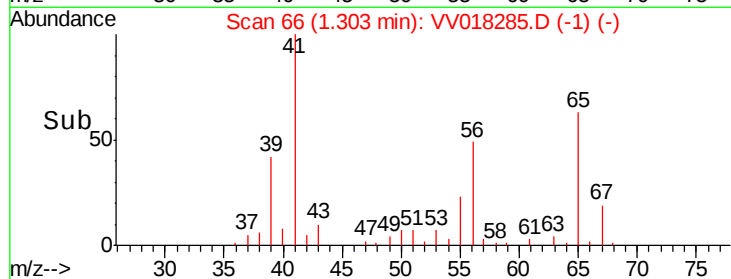
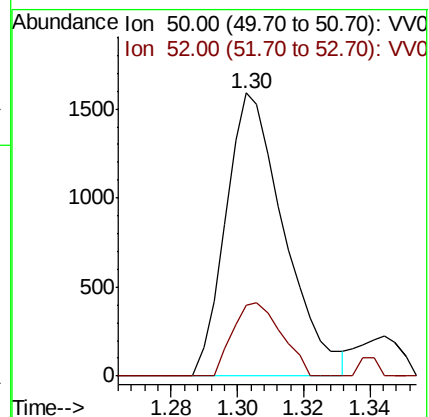
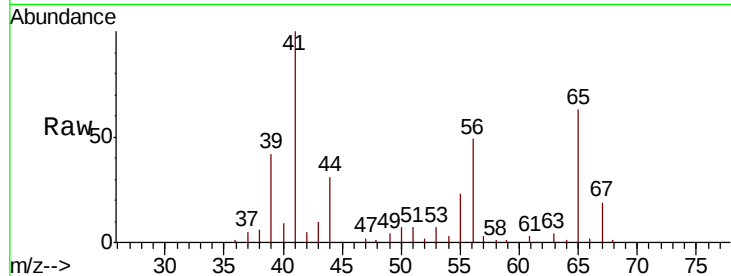
BFWW2

Tot Ion: 50 Resp: 1941

Ion Ratio Lower Upper

50 100

52 24.9 22.7 42.3



#13

Acetone

Concen: 4.945 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV018285.D

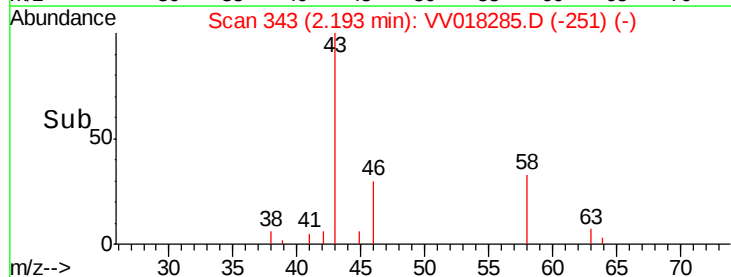
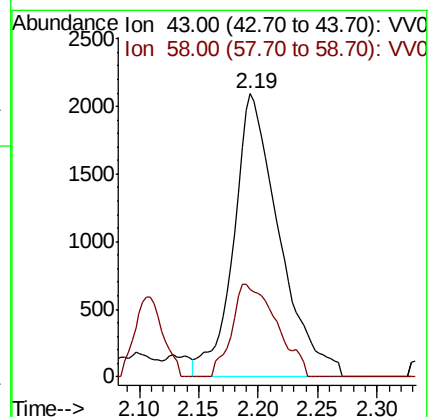
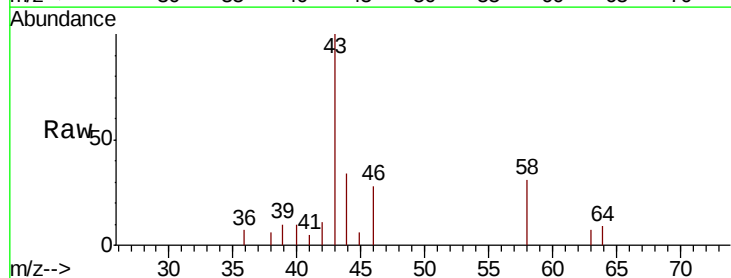
Acq: 17 Sep 2020 17:36

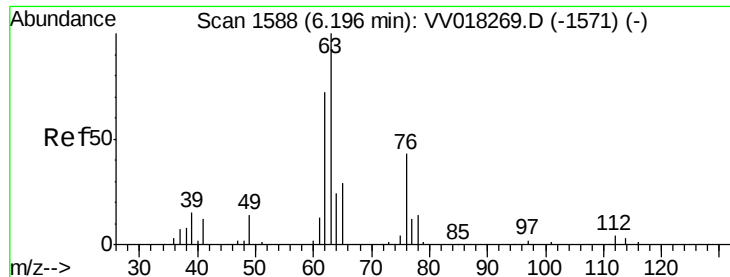
Tgt Ion: 43 Resp: 5543

Ion Ratio Lower Upper

43 100

58 30.4 0.0 67.4

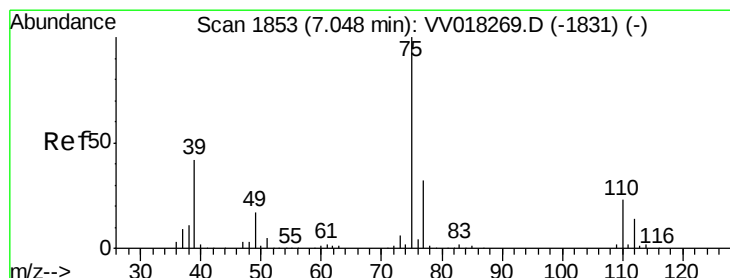
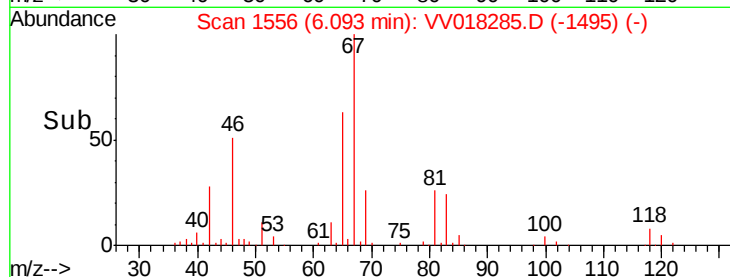
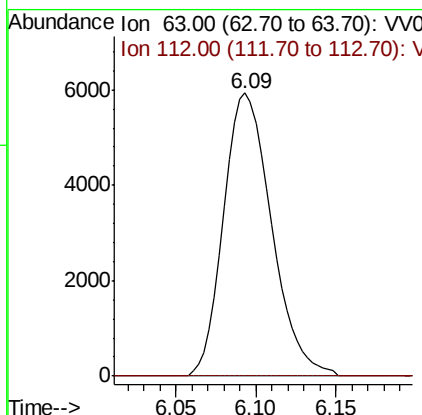
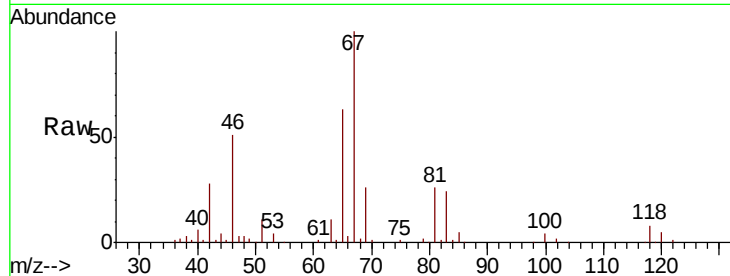




#37
 1,2-Dichloropropane
 Concen: 5.743 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018285.D
 Acq: 17 Sep 2020 17:36

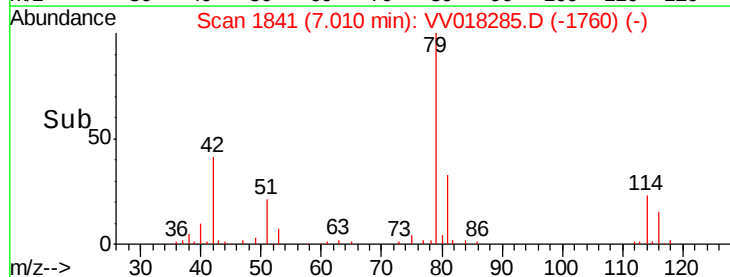
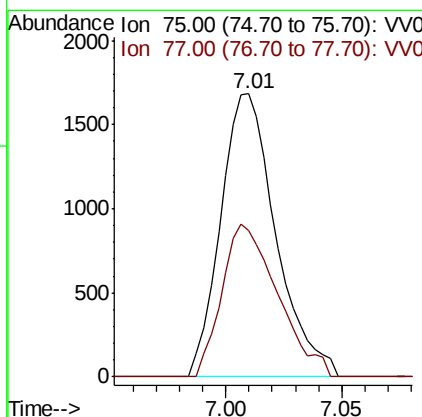
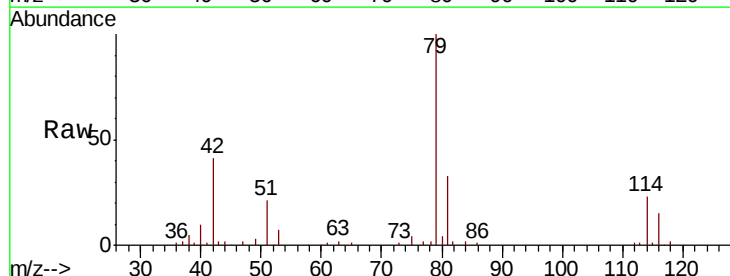
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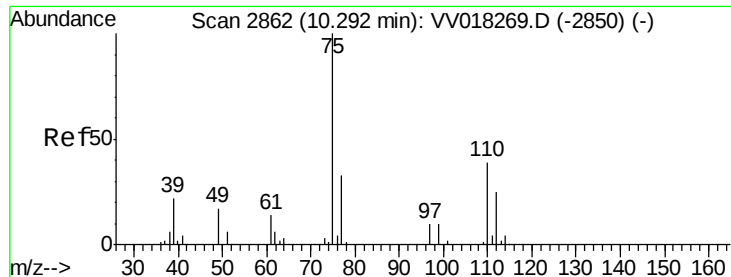
Tot Ion: 63 Resp: 12182
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.851 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018285.D
 Acq: 17 Sep 2020 17:36

Tgt Ion: 75 Resp: 2783
 Ion Ratio Lower Upper
 75 100
 77 51.8 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.235 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018285.D

Acq: 17 Sep 2020 17:36

Instrument :

MSVOA_V

ClientSampleId :

BFWW2

Tot Ion: 75 Resp: 15557

Ion Ratio Lower Upper

75 100

77 36.9 25.8 38.6

