

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091420\
 Data File : VV018207.D
 Acq On : 14 Sep 2020 16:35
 Operator : SY/MD
 Sample : L4012-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWR5

Quant Time: Sep 15 05:29:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 15 05:21:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	293395	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	288753	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141550	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89380	37.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.76%
7) Chloroethane-d5	1.58	69	85187	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.08%
11) 1,1-Dichloroethene-d2	2.13	63	139178	31.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.46%
21) 2-Butanone-d5	3.91	46	146525	100.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.12%
24) Chloroform-d	4.38	84	198466	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	5.06	65	133106	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
32) Benzene-d6	5.08	84	391813	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.09	67	128024	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.48%
41) Toluene-d8	7.34	98	347199	46.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.18%
43) trans-1,3-Dichloropropene-	7.64	79	62740	47.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.02%
47) 2-Hexanone-d5	8.11	63	112925	113.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176243	53.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	151528	52.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.24%

Target Compounds

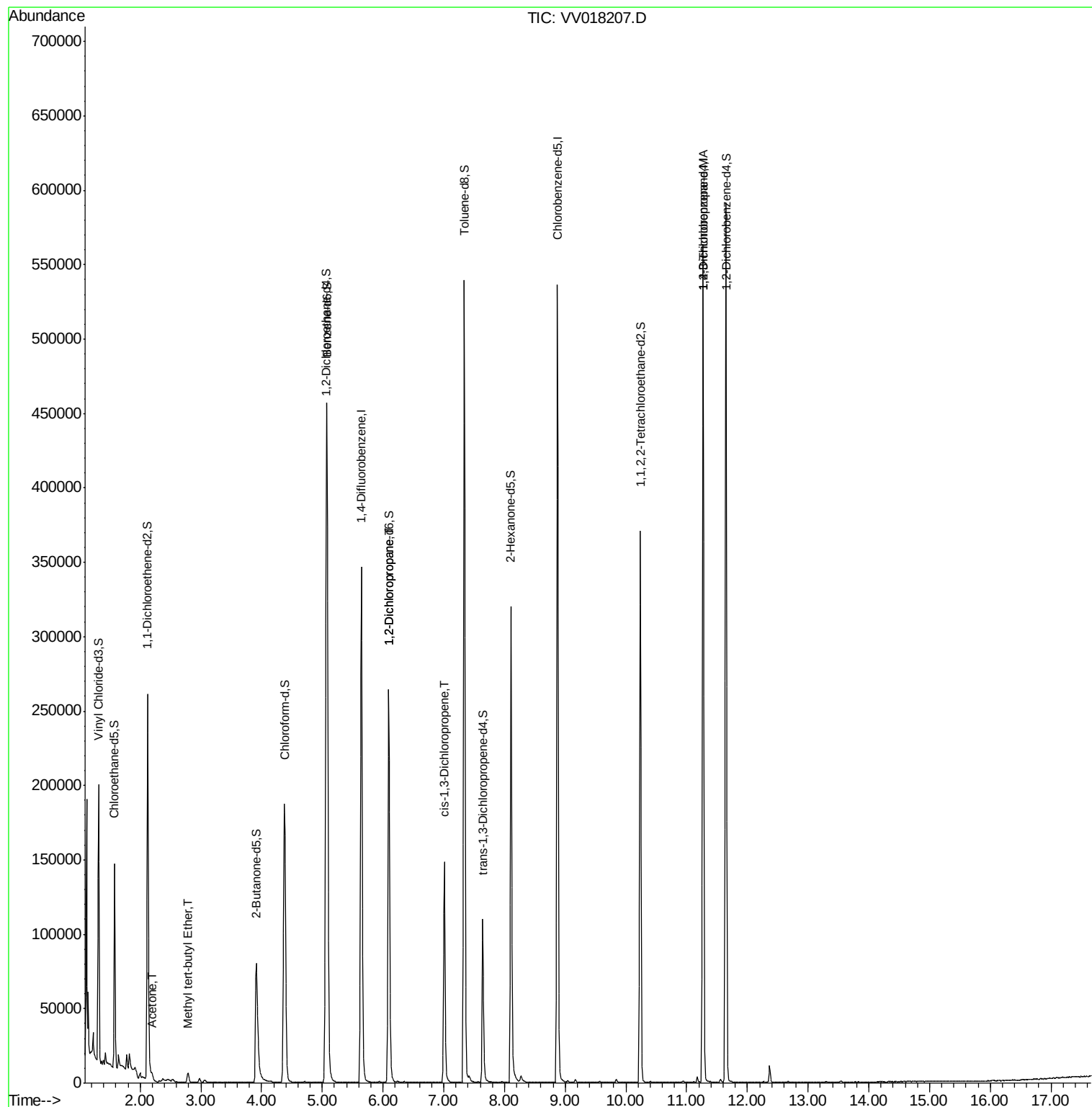
					Ovalue
13) Acetone	2.20	43	6259	5.341 ug/L	91
18) Methyl tert-butyl Ether	2.79	73	5008	0.815 ug/L #	77
37) 1,2-Dichloropropane	6.09	63	13661	6.244 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3816	1.132 ug/L #	59
59) 1,2,3-Trichloropropane	11.27	75	16021	6.226 ug/L	93

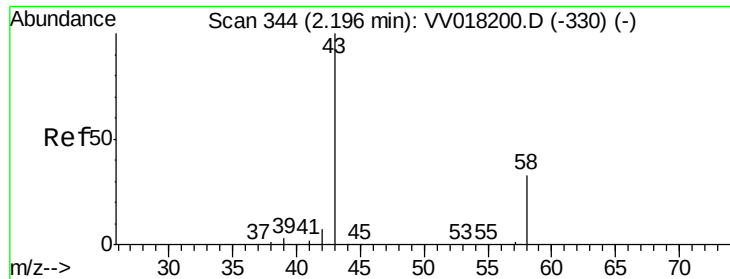
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.341 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV018207.D

Acq: 14 Sep 2020 16:35

Instrument :

MSVOA_V

ClientSampleId :

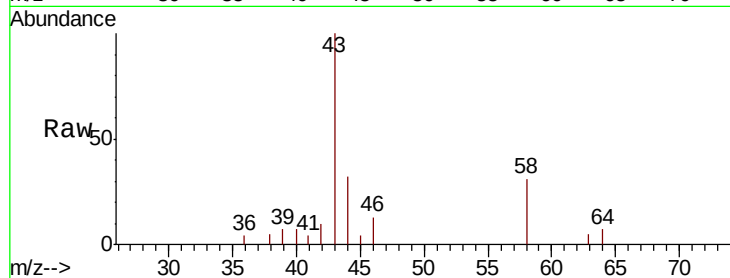
BFWR5

Tot Ion: 43 Resp: 6259

Ion Ratio Lower Upper

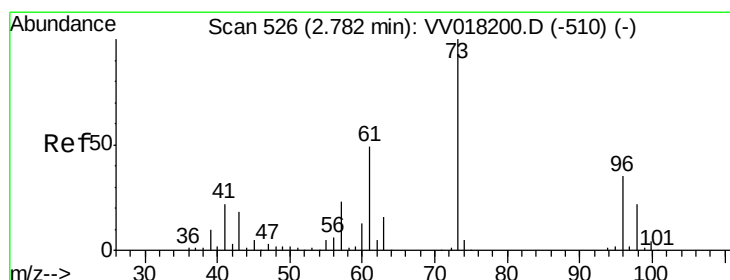
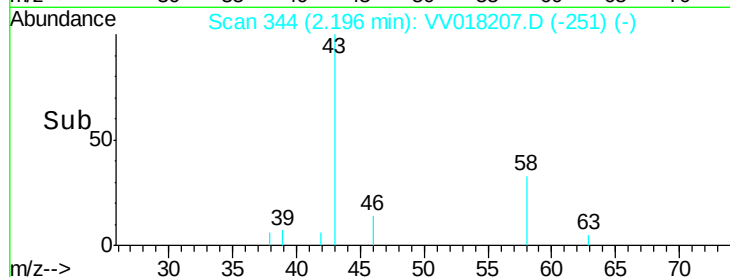
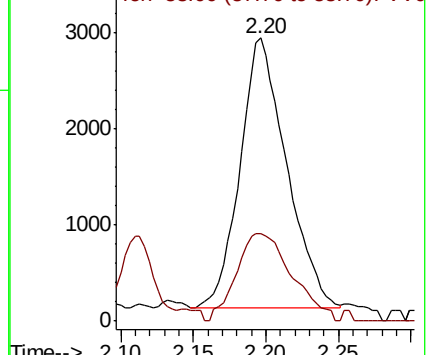
43 100

58 38.6 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#18

Methyl tert-butyl Ether

Concen: 0.815 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.01 min

Lab File: VV018207.D

Acq: 14 Sep 2020 16:35

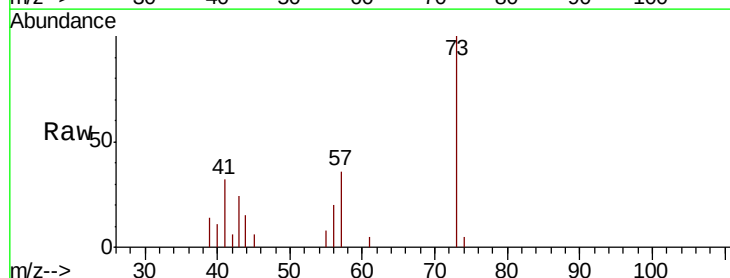
Tgt Ion: 73 Resp: 5008

Ion Ratio Lower Upper

73 100

43 26.6 15.4 23.0#

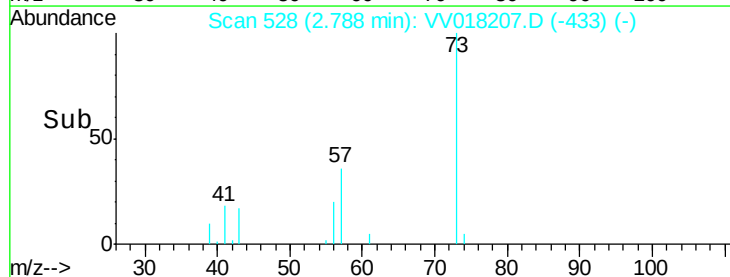
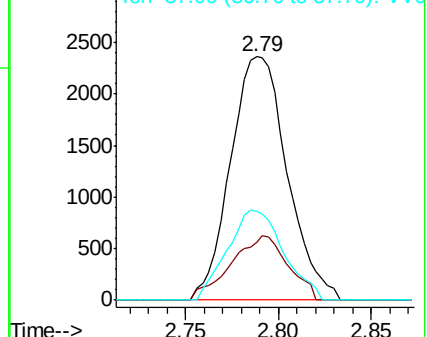
57 36.7 18.0 27.0#

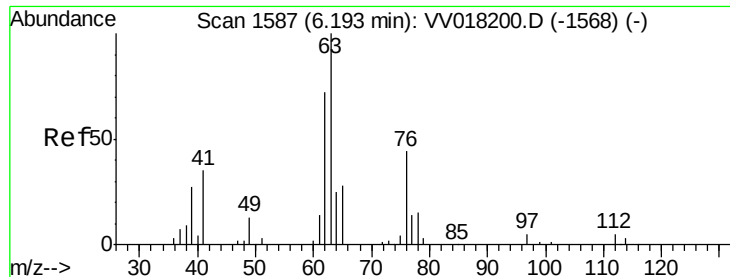


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

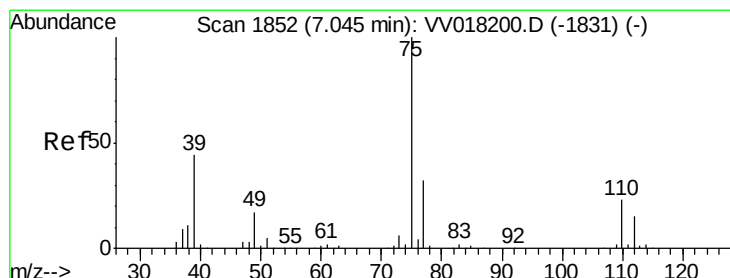
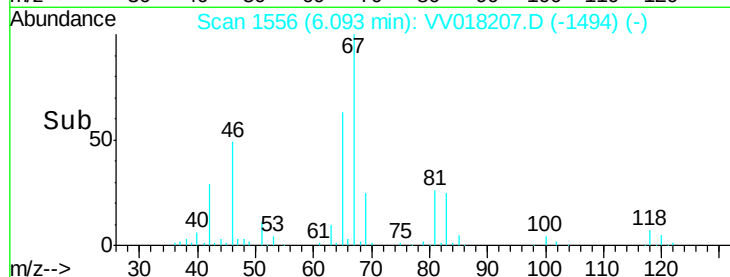
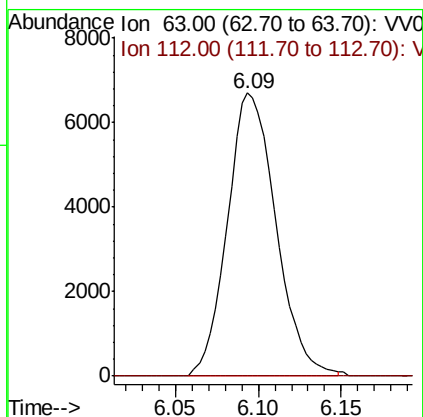
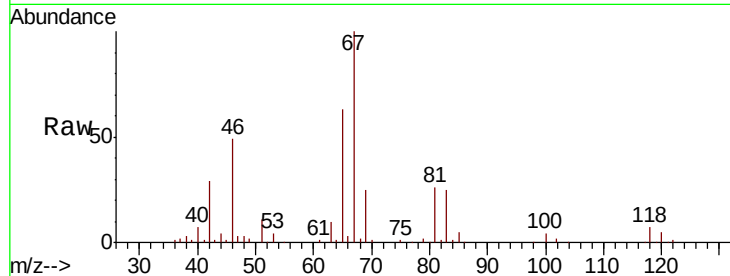




#37
 1,2-Dichloropropane
 Concen: 6.244 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018207.D
 Acq: 14 Sep 2020 16:35

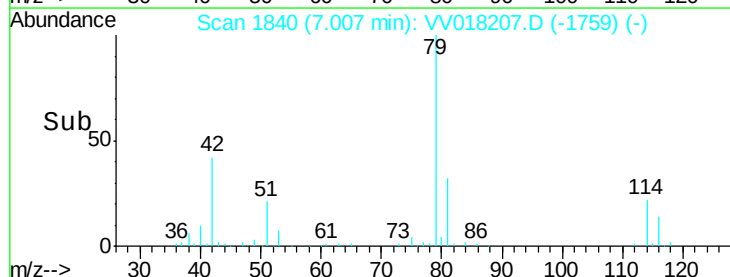
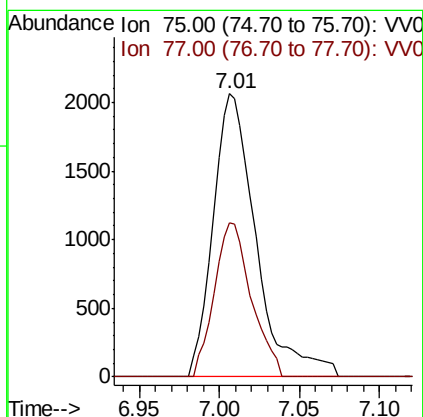
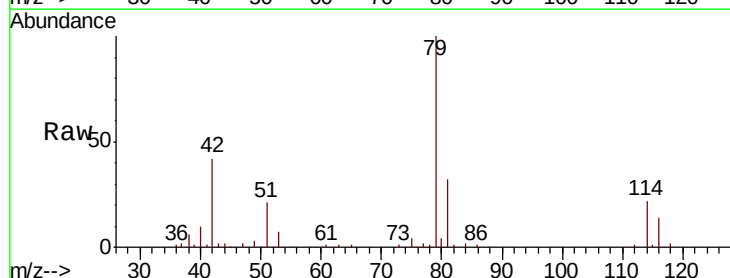
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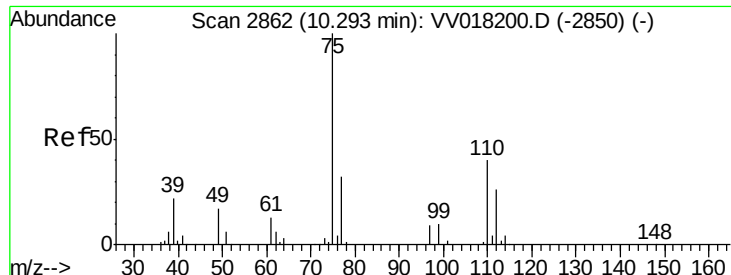
Tot Ion: 63 Resp: 13661
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.132 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018207.D
 Acq: 14 Sep 2020 16:35

Tgt Ion: 75 Resp: 3816
 Ion Ratio Lower Upper
 75 100
 77 54.4 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.226 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018207.D

Acq: 14 Sep 2020 16:35

Instrument :

MSVOA_V

ClientSampleId :

BFWR5

Tot Ion: 75 Resp: 16021

Ion Ratio Lower Upper

75 100

77 36.2 25.8 38.6

