

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091420\
 Data File : VV018210.D
 Acq On : 14 Sep 2020 17:42
 Operator : SY/MD
 Sample : L4012-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWR9

Quant Time: Sep 15 05:29:37 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	285910	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283055	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137167	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83454	35.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.64%
7) Chloroethane-d5	1.58	69	80898	42.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.86%
11) 1,1-Dichloroethene-d2	2.13	63	131443	30.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.50%
21) 2-Butanone-d5	3.91	46	143039	100.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.30%
24) Chloroform-d	4.38	84	194284	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	5.06	65	130592	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
32) Benzene-d6	5.08	84	378030	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
36) 1,2-Dichloropropane-d6	6.09	67	125151	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.22%
41) Toluene-d8	7.34	98	335388	45.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.84%
43) trans-1,3-Dichloropropene-	7.64	79	61373	46.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.82%
47) 2-Hexanone-d5	8.11	63	109422	112.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	173652	53.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	146956	52.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.34%

Target Compounds

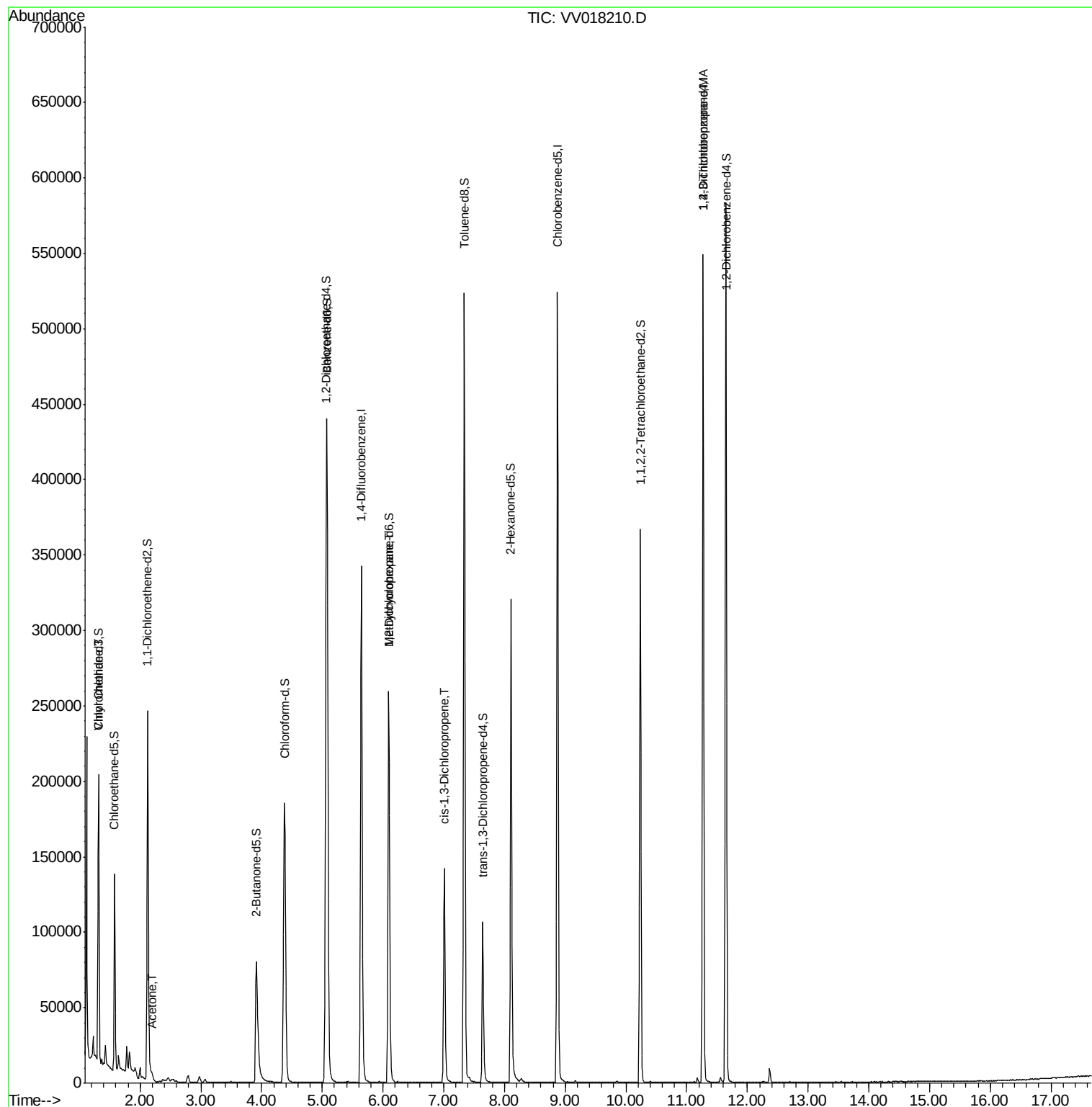
					Ovalue
3) Chloromethane	1.31	50	2349	1.032 ug/L	83
13) Acetone	2.20	43	6195	5.425 ug/L	100
35) Methylcyclohexane	6.10	83	30422	9.165 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	3647	1.104 ug/L #	69
59) 1,2,3-Trichloropropane	11.27	75	15841	6.280 ug/L	91

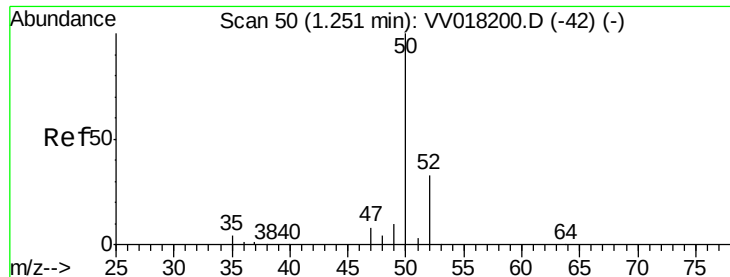
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.032 ug/L

RT: 1.31 min Scan# 67

Delta R.T. 0.05 min

Lab File: VV018210.D

Acq: 14 Sep 2020 17:42

Instrument :

MSVOA_V

ClientSampleId :

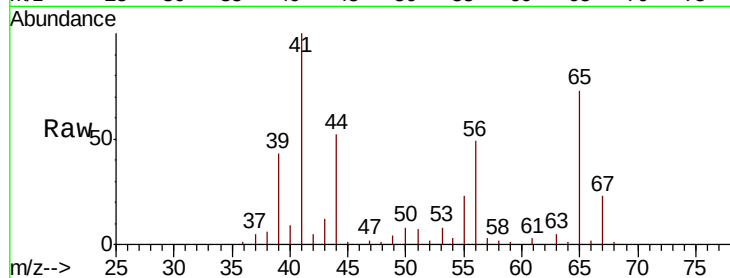
BFWR9

Tot Ion: 50 Resp: 2349

Ion Ratio Lower Upper

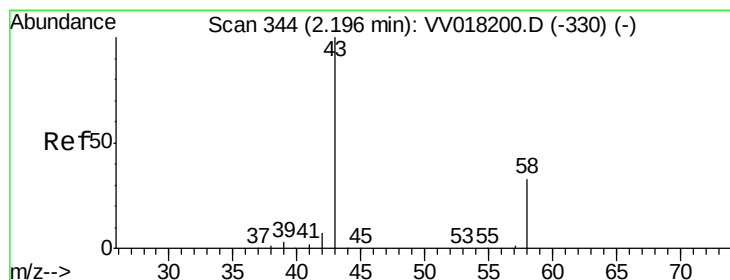
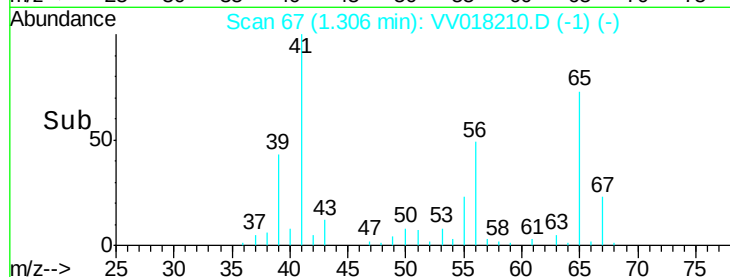
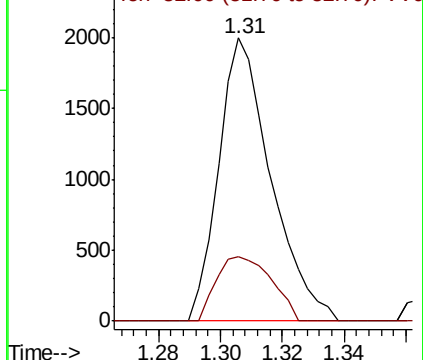
50 100

52 22.8 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#13

Acetone

Concen: 5.425 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV018210.D

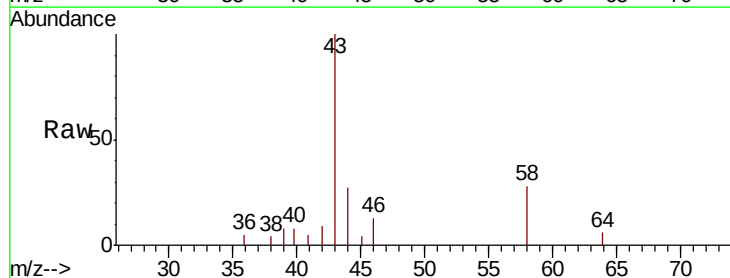
Acq: 14 Sep 2020 17:42

Tgt Ion: 43 Resp: 6195

Ion Ratio Lower Upper

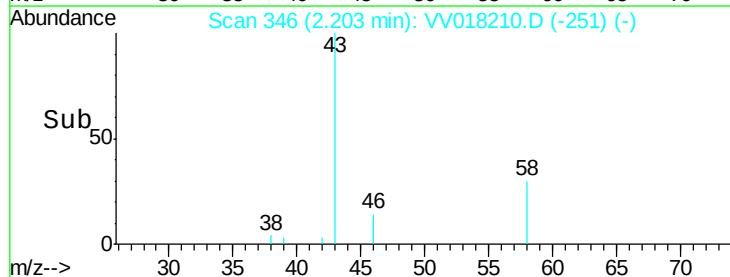
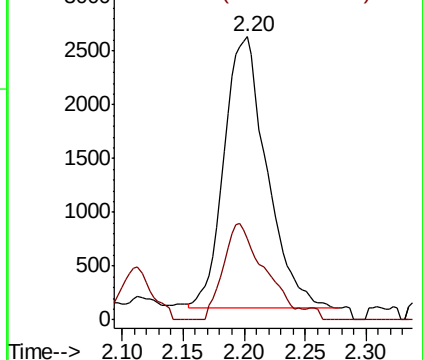
43 100

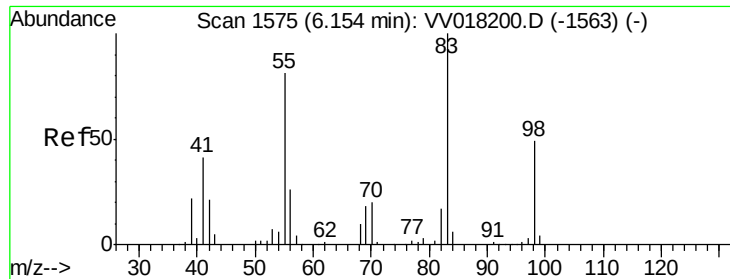
58 33.8 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

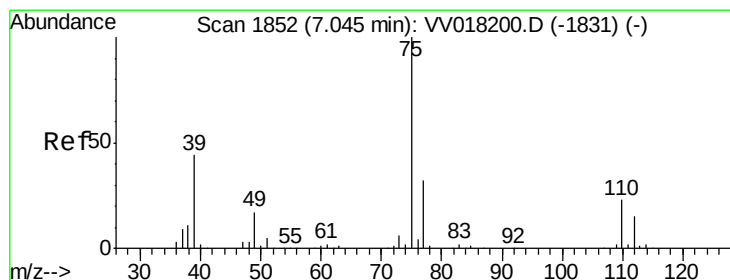
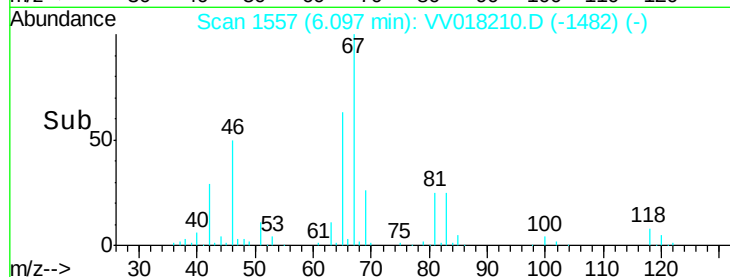
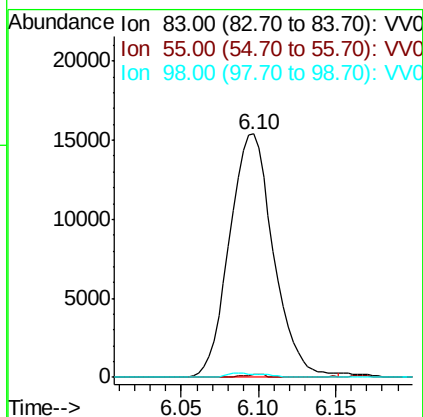
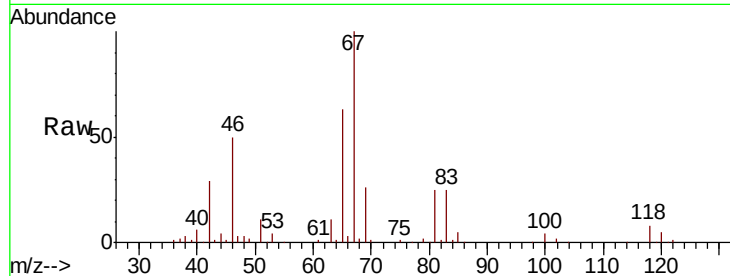




#35
Methylvlcyclohexane
Concen: 9.165 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV018210.D
Acq: 14 Sep 2020 17:42

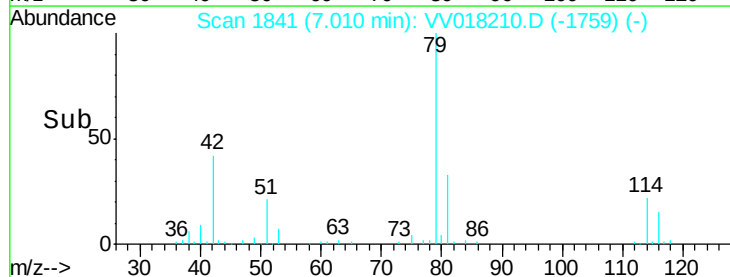
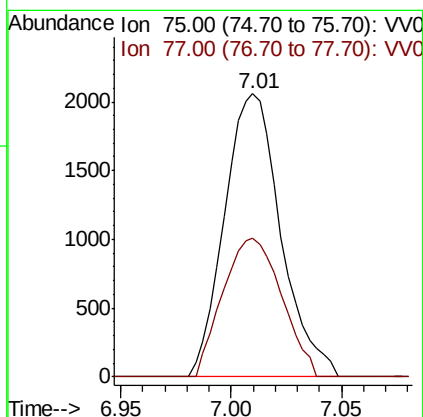
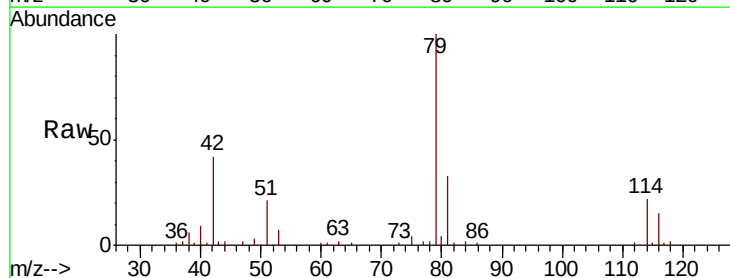
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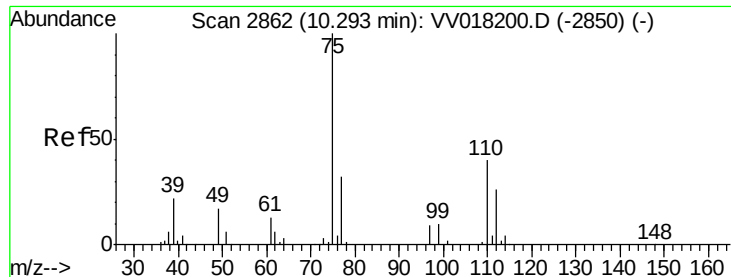
Tot Ion: 83 Resp: 30422
Ion Ratio Lower Upper
83 100
55 0.6 63.4 95.2#
98 0.8 38.8 58.2#



#39
cis-1,3-Dichloropropene
Concen: 1.104 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018210.D
Acq: 14 Sep 2020 17:42

Tgt Ion: 75 Resp: 3647
Ion Ratio Lower Upper
75 100
77 48.9 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.280 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018210.D

Acq: 14 Sep 2020 17:42

Instrument :

MSVOA_V

ClientSampleId :

BFWR9

Tot Ion: 75 Resp: 15841

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.6

