

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091420\
 Data File : VV018208.D
 Acq On : 14 Sep 2020 16:57
 Operator : SY/MD
 Sample : L4012-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWR6

Quant Time: Sep 15 05:29:22 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	312033	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	309744	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149718	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89312	35.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.24%
7) Chloroethane-d5	1.58	69	85334	41.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.02%
11) 1,1-Dichloroethene-d2	2.13	63	139981	30.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.02%
21) 2-Butanone-d5	3.91	46	150282	96.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.55%
24) Chloroform-d	4.38	84	199612	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.48%
26) 1,2-Dichloroethane-d4	5.06	65	133542	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
32) Benzene-d6	5.08	84	394108	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.90%
36) 1,2-Dichloropropane-d6	6.09	67	129346	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.82%
41) Toluene-d8	7.34	98	351001	43.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.86%
43) trans-1,3-Dichloropropene-	7.64	79	63345	44.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.48%
47) 2-Hexanone-d5	8.11	63	114292	107.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.09%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179481	50.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	154250	50.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.34%

Target Compounds

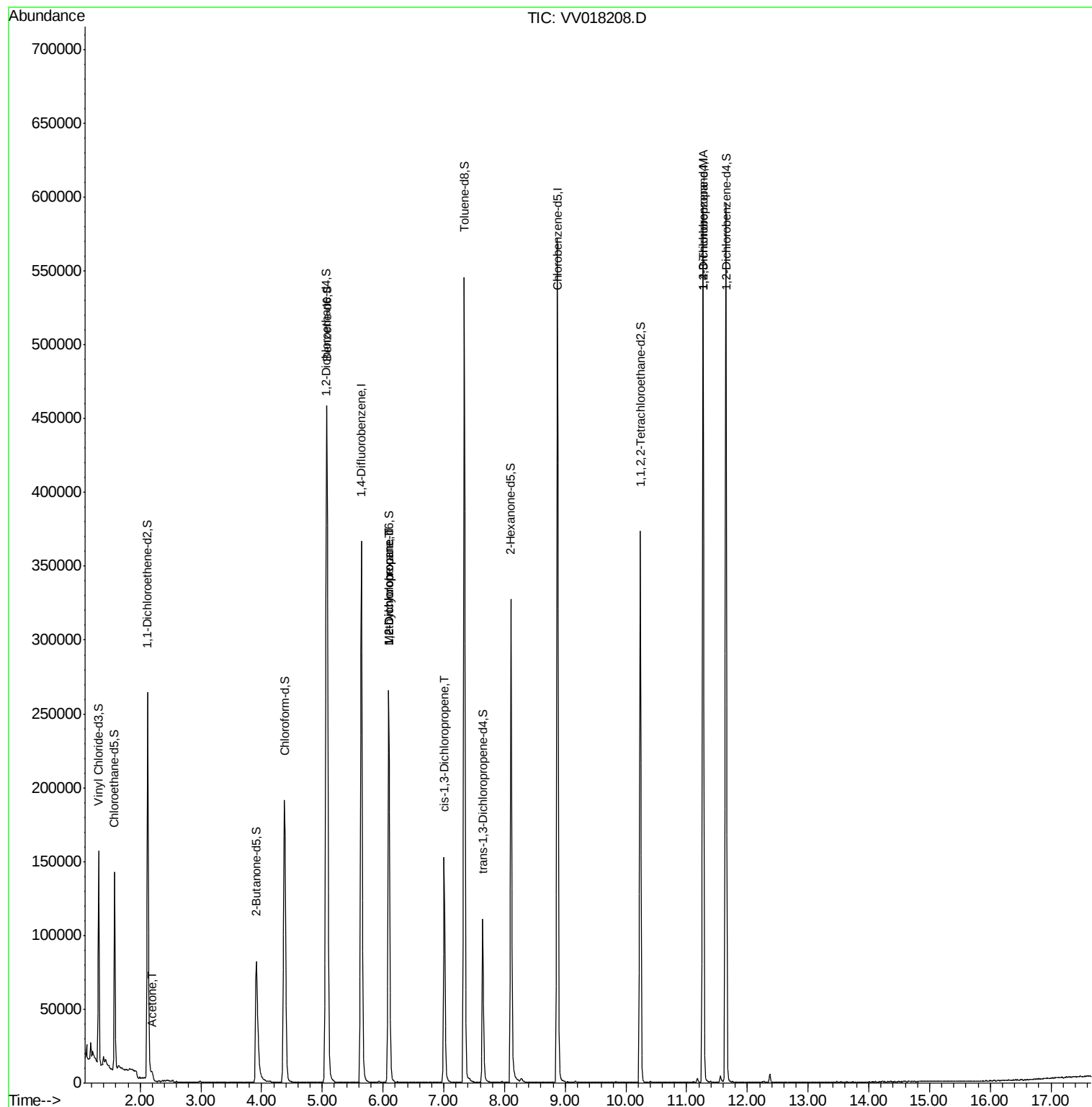
					Ovalue
13) Acetone	2.20	43	7598	6.096 ug/L	96
35) Methylcyclohexane	6.09	83	30844	8.492 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	14039	5.982 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3679	1.017 ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	16884	6.117 ug/L	90

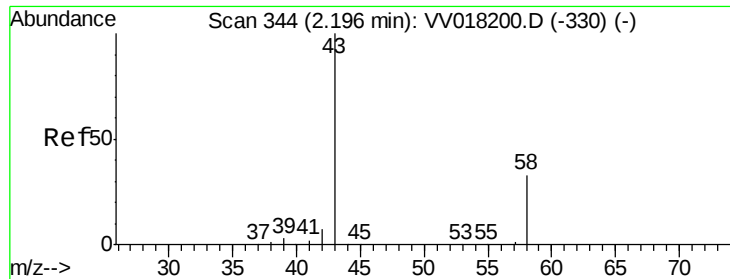
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 6.096 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV018208.D

Acq: 14 Sep 2020 16:57

Instrument :

MSVOA_V

ClientSampleId :

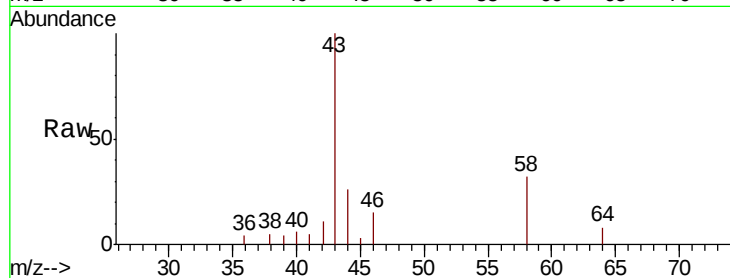
BFWR6

Tot Ion: 43 Resp: 7598

Ion Ratio Lower Upper

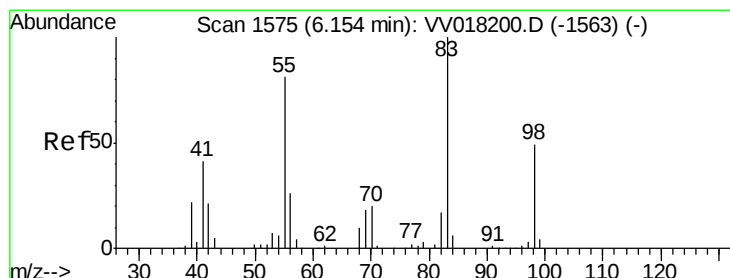
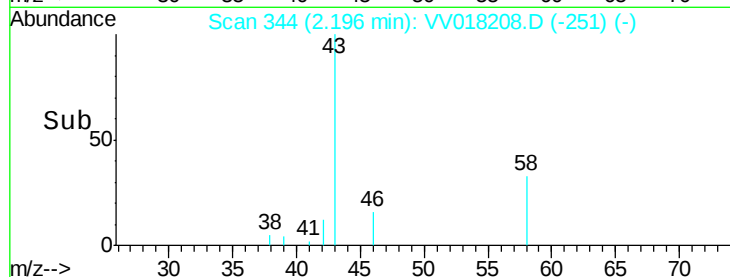
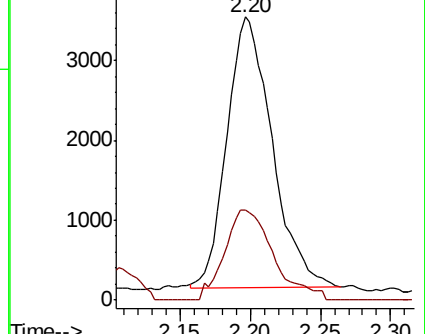
43 100

58 35.7 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#35

Methylcyclohexane

Concen: 8.492 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018208.D

Acq: 14 Sep 2020 16:57

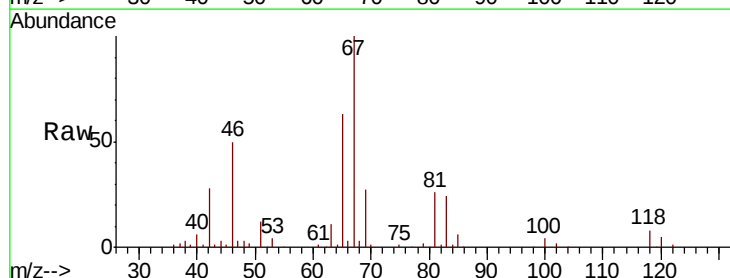
Tgt Ion: 83 Resp: 30844

Ion Ratio Lower Upper

83 100

55 0.5 63.4 95.2#

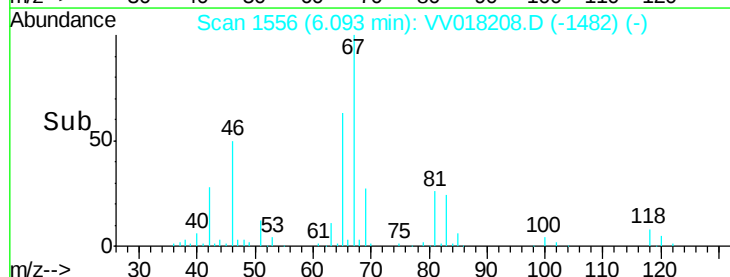
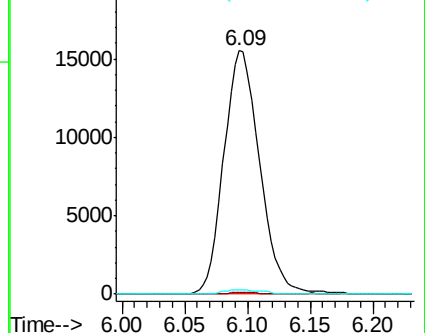
98 1.9 38.8 58.2#

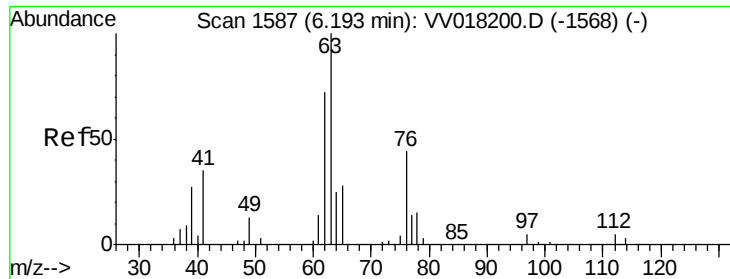


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

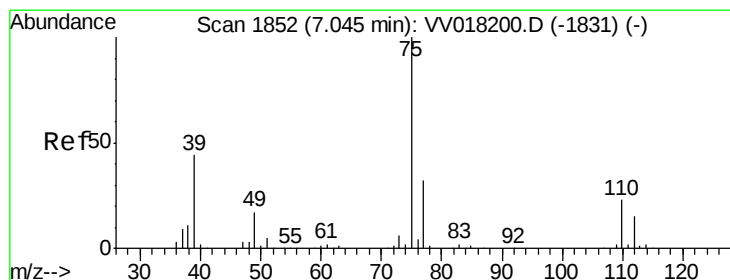
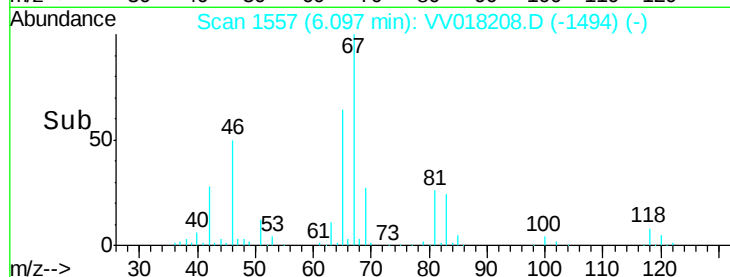
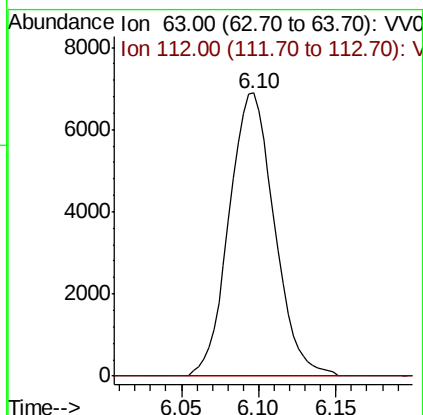
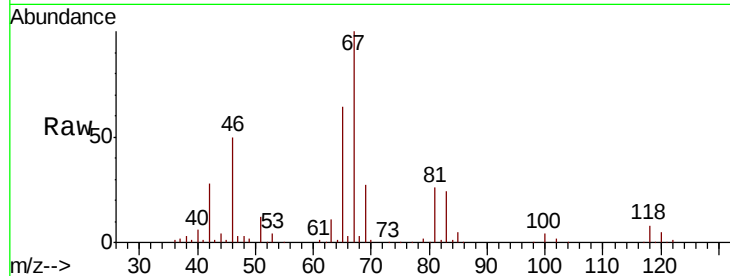




#37
 1,2-Dichloropropane
 Concen: 5.982 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018208.D
 Acq: 14 Sep 2020 16:57

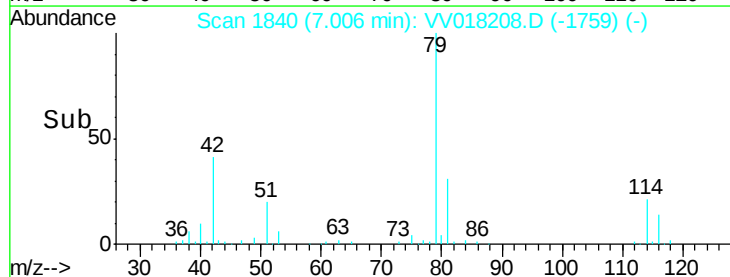
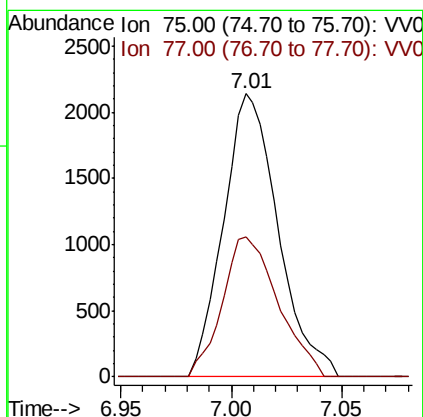
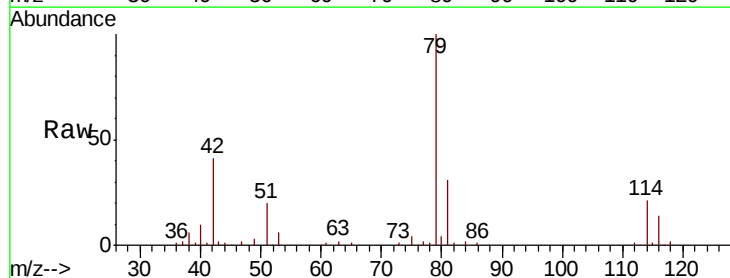
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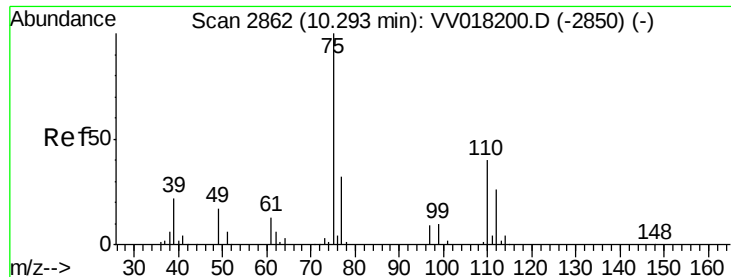
Tot Ion: 63 Resp: 14039
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.017 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018208.D
 Acq: 14 Sep 2020 16:57

Tgt Ion: 75 Resp: 3679
 Ion Ratio Lower Upper
 75 100
 77 49.6 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.117 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018208.D

Acq: 14 Sep 2020 16:57

Instrument :

MSVOA_V

ClientSampleId :

BFWR6

Tot Ion: 75 Resp: 16884

Ion Ratio Lower Upper

75 100

77 37.8 25.8 38.6

