

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017878.D
 Acq On : 09 Aug 2020 00:49
 Operator : SY/MD
 Sample : L3608-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2M17

Quant Time: Aug 10 05:13:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	224950	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	213610	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	104891	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60365	51.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.92%
7) Chloroethane-d5	1.58	69	51988	52.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.36%
11) 1,1-Dichloroethene-d2	2.12	63	106202	38.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.10%
21) 2-Butanone-d5	3.91	46	68553	94.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.24%
24) Chloroform-d	4.37	84	154984	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
26) 1,2-Dichloroethane-d4	5.06	65	118803	53.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.36%
32) Benzene-d6	5.07	84	265968	53.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.84%
36) 1,2-Dichloropropane-d6	6.09	67	69435	55.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.04%
41) Toluene-d8	7.34	98	257689	51.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.96%
43) trans-1,3-Dichloropropene-	7.64	79	36456	45.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.54%
47) 2-Hexanone-d5	8.11	63	45869	101.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	99152	50.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	121209	56.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.36%

Target Compounds

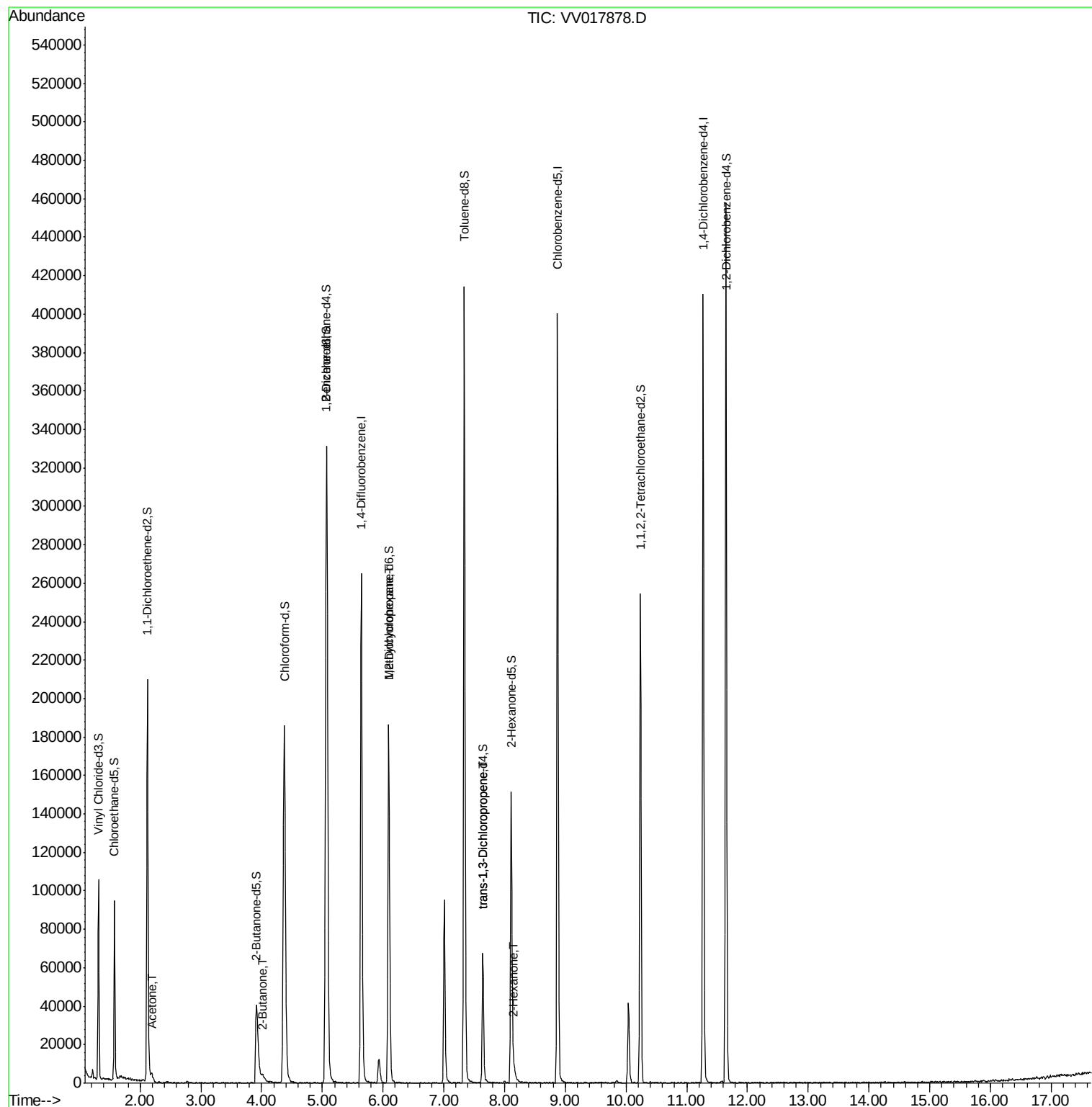
					Ovalue
13) Acetone	2.20	43	6393	6.753 ug/L	90
22) 2-Butanone	4.02	43	5293	6.441 ug/L #	71
35) Methylcyclohexane	6.09	83	22603	10.400 ug/L #	21
44) trans-1,3-Dichloropropene	7.65	75	2004	1.004 ug/L	83
48) 2-Hexanone	8.16	43	3089	2.560 ug/L #	72

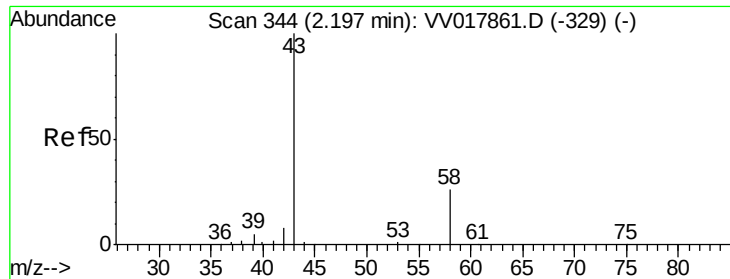
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.753 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV017878.D

Acq: 09 Aug 2020 00:49

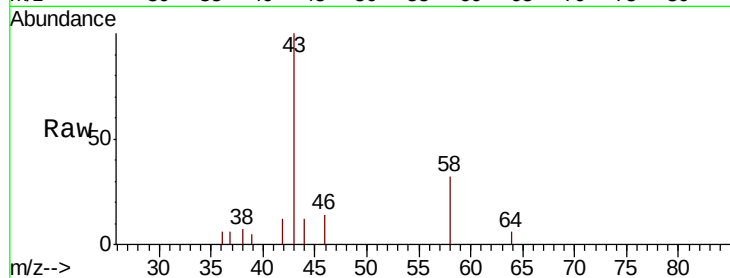
Instrument :
MSVOA_V
ClientSampled :
F2M17

Tot Ion: 43 Resp: 6393

Ion Ratio Lower Upper

43 100

58 22.0 0.0 54.8

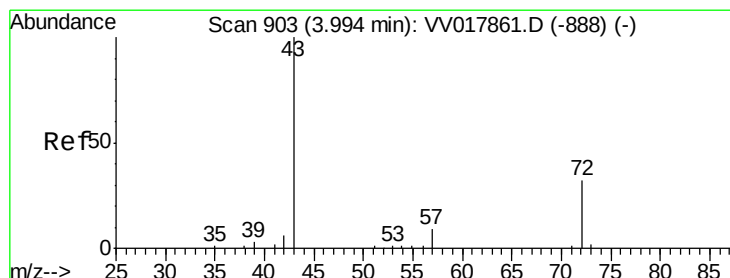
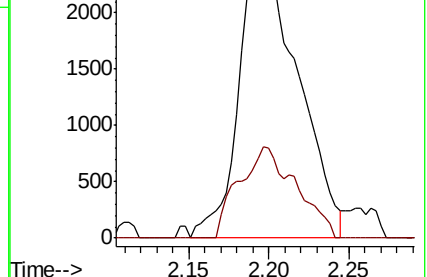
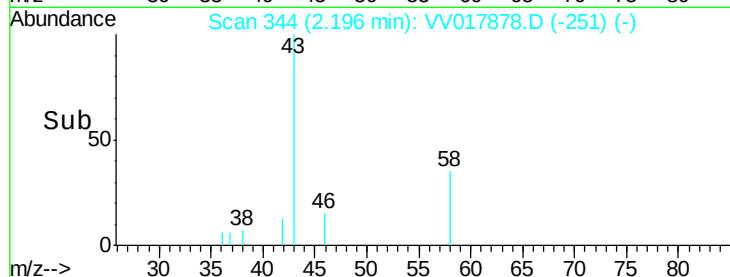


Abundance Ion 43.00 (42.70 to 43.70): VV017878.D (-251) (-)

Ion 58.00 (57.70 to 58.70): VV017878.D (-251) (-)

2.20

2.25



#22

2-Butanone

Concen: 6.441 ug/L

RT: 4.02 min Scan# 910

Delta R.T. 0.02 min

Lab File: VV017878.D

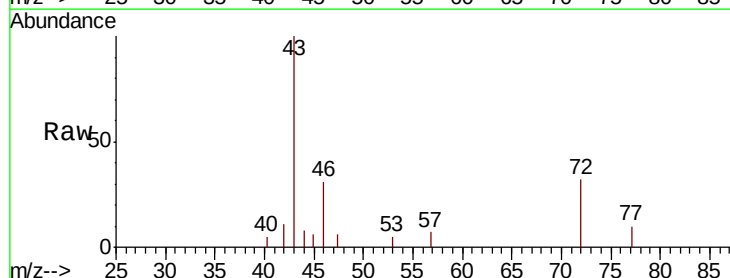
Acq: 09 Aug 2020 00:49

Tgt Ion: 43 Resp: 5293

Ion Ratio Lower Upper

43 100

72 14.3 14.9 44.7#

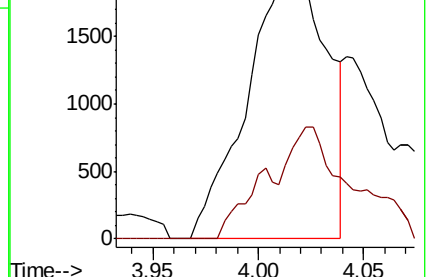
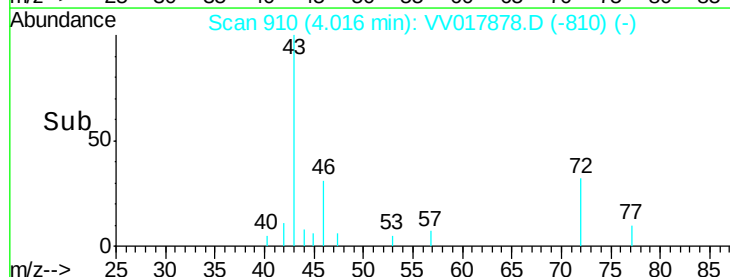


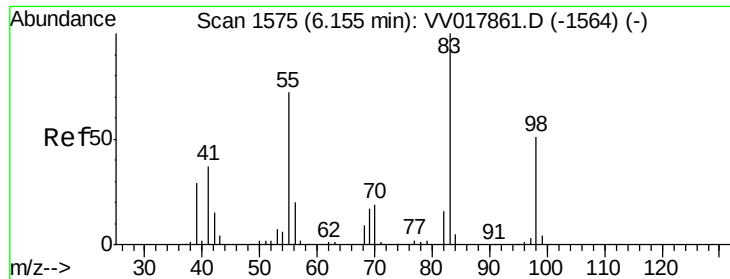
Abundance Ion 43.00 (42.70 to 43.70): VV017878.D (-810) (-)

Ion 72.00 (71.70 to 72.70): VV017878.D (-810) (-)

4.02

4.05

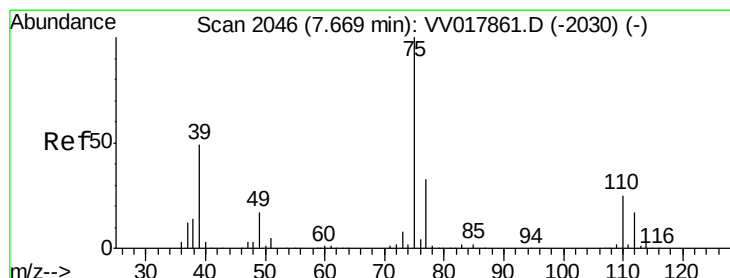
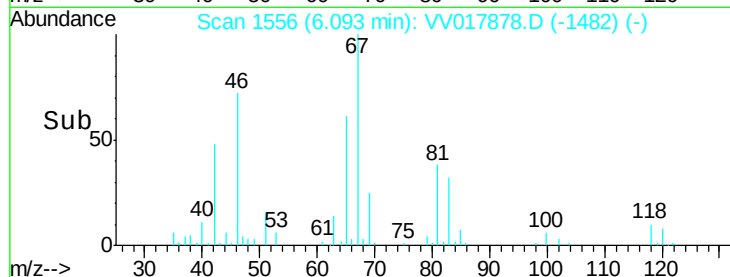
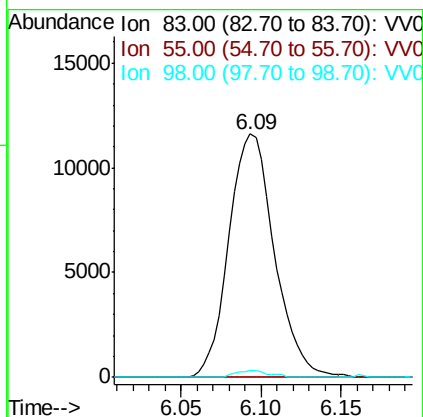
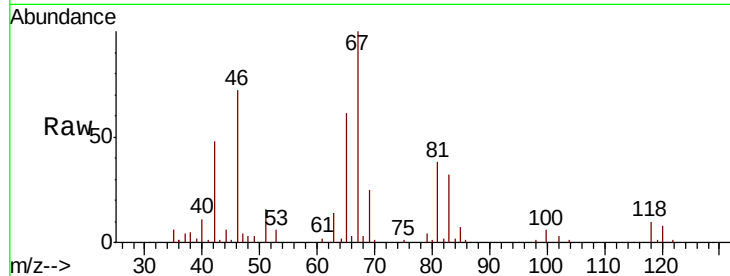




#35
Methylcyclohexane
Concen: 10.400 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017878.D
Acq: 09 Aug 2020 00:49

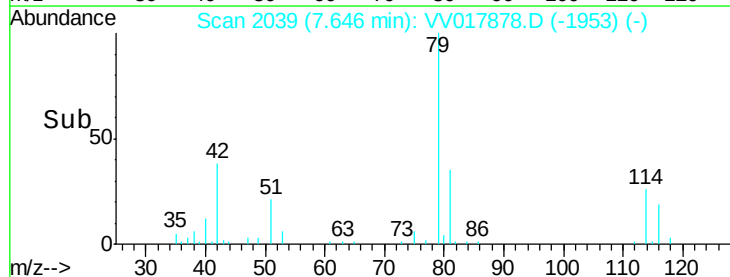
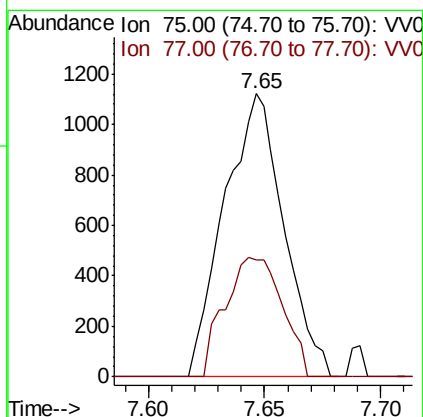
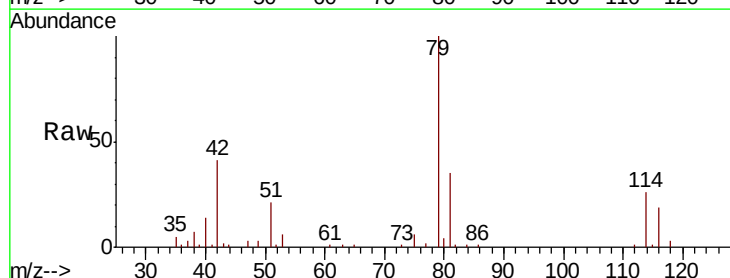
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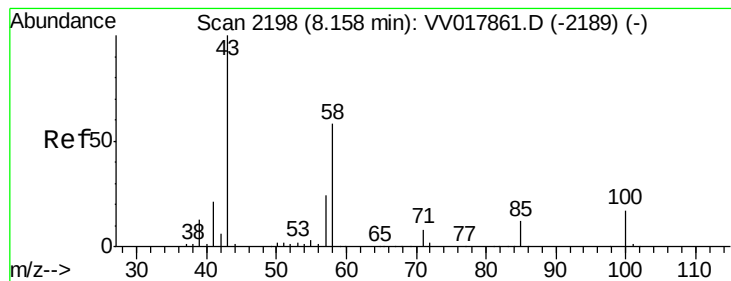
Tot Ion: 83 Resp: 22603
Ion Ratio Lower Upper
83 100
55 0.0 54.6 82.0#
98 1.9 41.1 61.7#



#44
trans-1,3-Dichloropropene
Concen: 1.004 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.02 min
Lab File: VV017878.D
Acq: 09 Aug 2020 00:49

Tgt Ion: 75 Resp: 2004
Ion Ratio Lower Upper
75 100
77 41.1 22.3 41.5





#48
 2-Hexanone
 Concen: 2.560 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV017878.D
 Acq: 09 Aug 2020 00:49

Instrument :
 MSVOA_V
 ClientSampleId :
 F2M17

Tot Ion: 43 Resp: 3089
 Ion Ratio Lower Upper
 43 100
 58 27.6 43.8 65.8#
 57 15.8 18.0 27.0#
 100 9.5 13.8 20.8#

