

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\
 Data File : VV017806.D
 Acq On : 06 Aug 2020 12:03
 Operator : SY/MD
 Sample : L3565-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG0A0

Quant Time: Aug 07 05:29:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 05:27:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	223485	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	223236	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	118945	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42453	38.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.92%
7) Chloroethane-d5	1.58	69	42002	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.28%
11) 1,1-Dichloroethene-d2	2.12	63	89274	34.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.18%
21) 2-Butanone-d5	3.90	46	77282	94.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.31%
24) Chloroform-d	4.37	84	136870	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
26) 1,2-Dichloroethane-d4	5.05	65	107706	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.02%
32) Benzene-d6	5.07	84	231771	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.76%
36) 1,2-Dichloropropane-d6	6.09	67	61661	42.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.54%
41) Toluene-d8	7.33	98	238111	45.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.96%
43) trans-1,3-Dichloropropene-	7.64	79	43204	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.64%
47) 2-Hexanone-d5	8.10	63	56996	90.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.91%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	89480	40.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	118549	50.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.54%

Target Compounds

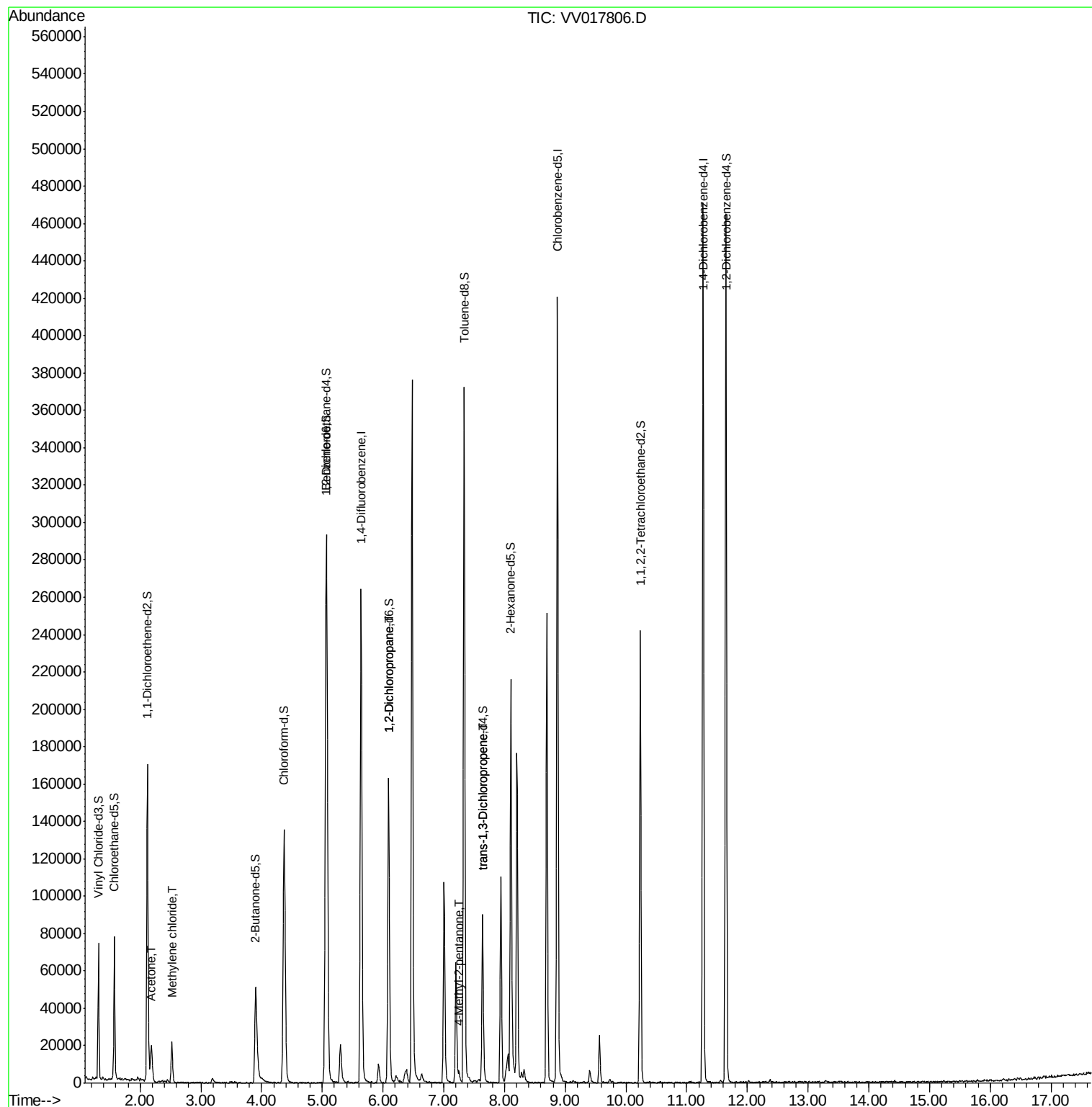
					Ovalue
13) Acetone	2.18	43	24194	23.247 ug/L	99
16) Methylene chloride	2.52	84	8791	5.543 ug/L	94
37) 1,2-Dichloropropane	6.09	63	9743	7.021 ug/L #	83
40) 4-Methyl-2-pentanone	7.25	43	2291	1.211 ug/L #	92
44) trans-1,3-Dichloropropene	7.64	75	2398	0.917 ug/L	85

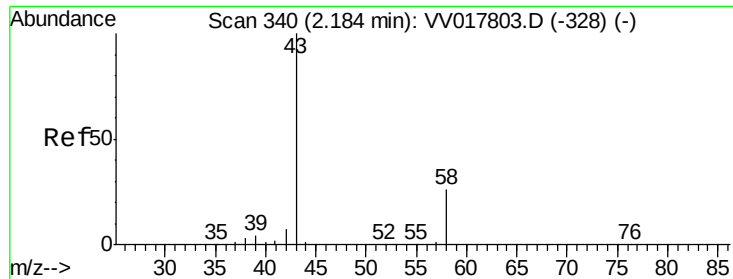
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 23.247 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV017806.D

Acq: 06 Aug 2020 12:03

Instrument :

MSVOA_V

ClientSampleId :

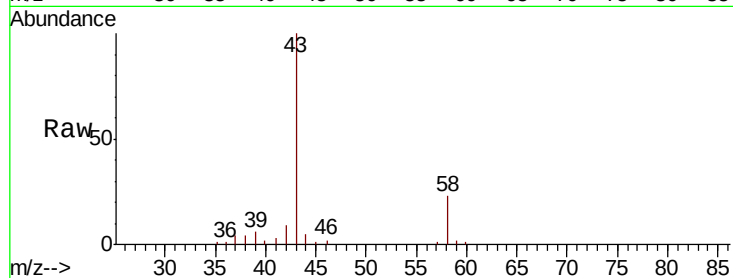
BG0A0

Tot Ion: 43 Resp: 24194

Ion Ratio Lower Upper

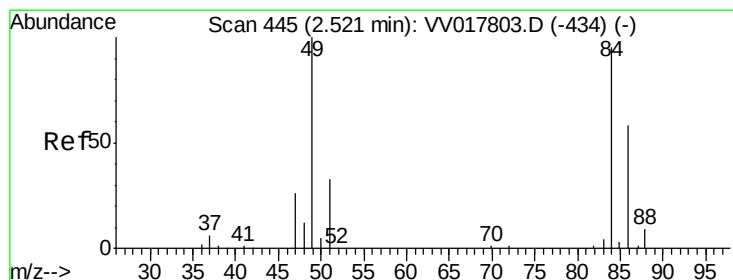
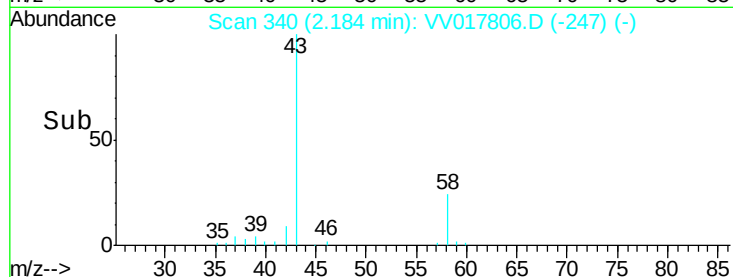
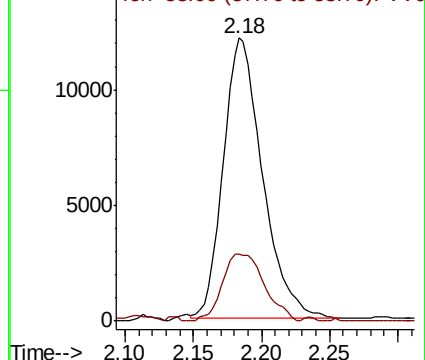
43 100

58 25.6 0.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 5.543 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV017806.D

Acq: 06 Aug 2020 12:03

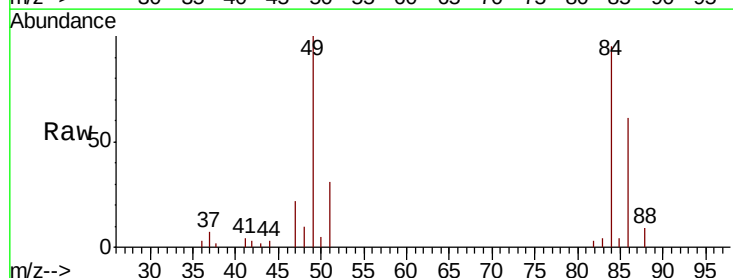
Tgt Ion: 84 Resp: 8791

Ion Ratio Lower Upper

84 100

86 63.6 45.4 84.4

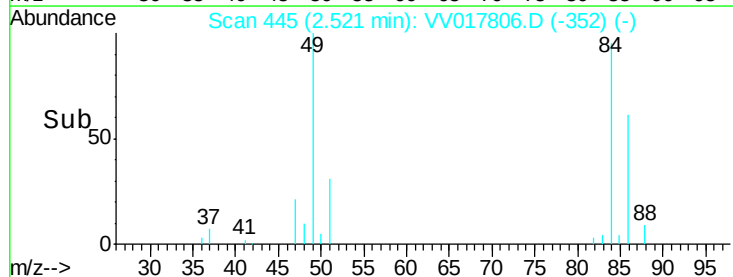
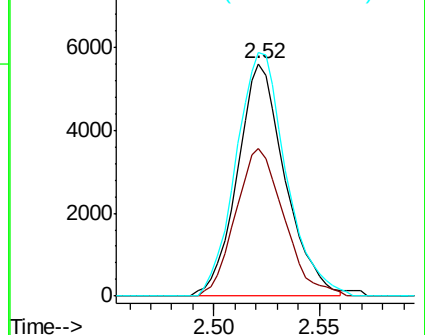
49 104.9 79.2 147.2

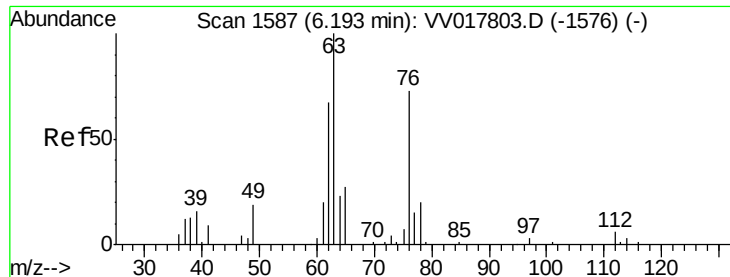


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

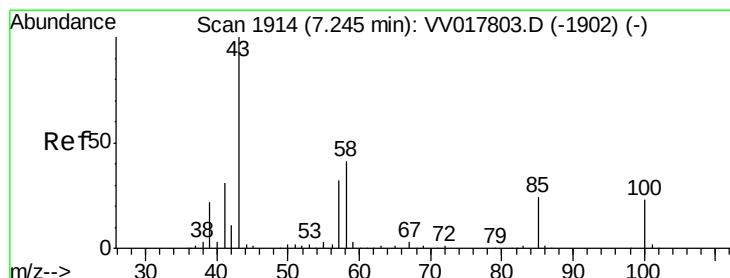
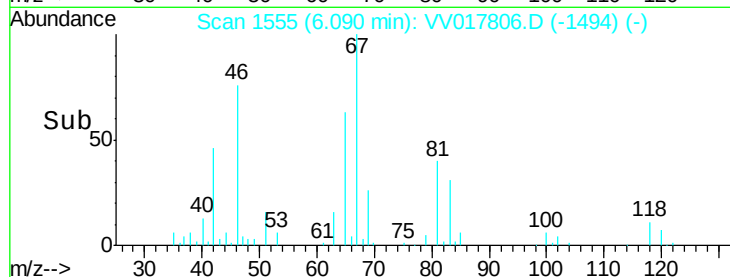
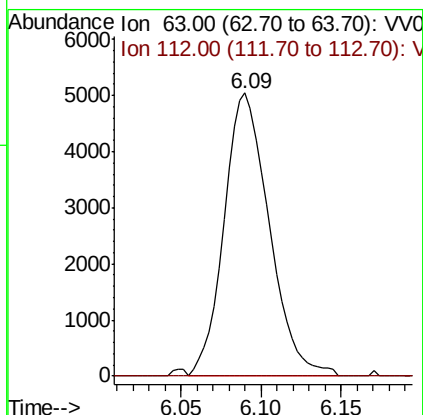
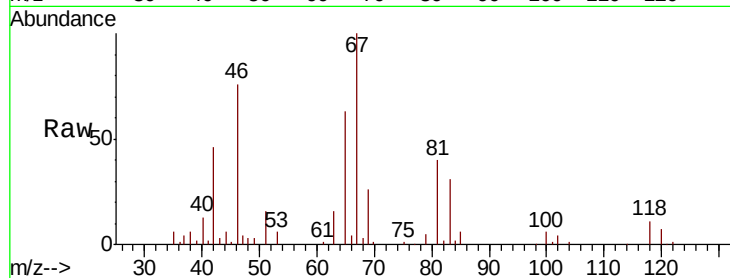




#37
 1,2-Dichloropropane
 Concen: 7.021 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.10 min
 Lab File: VV017806.D
 Acq: 06 Aug 2020 12:03

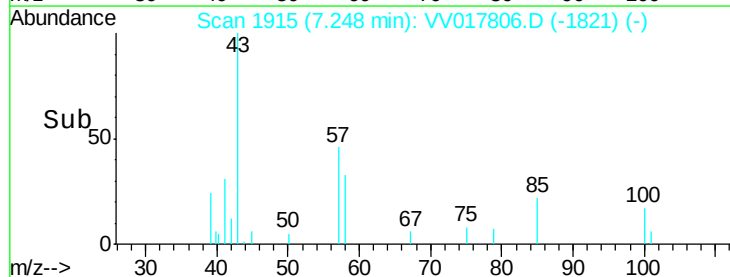
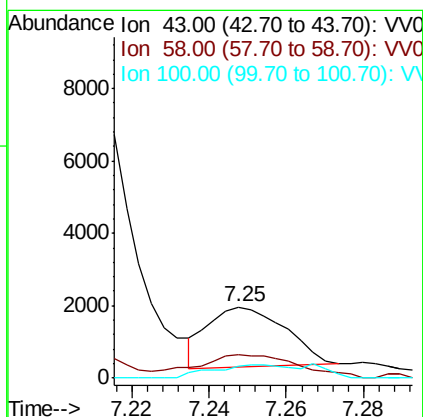
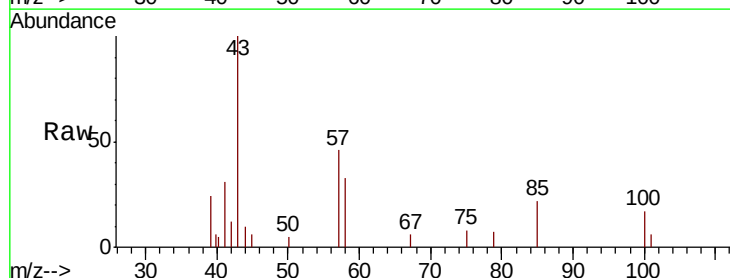
Instrument :
 MSVOA_V
 ClientSampled :
 BG0A0

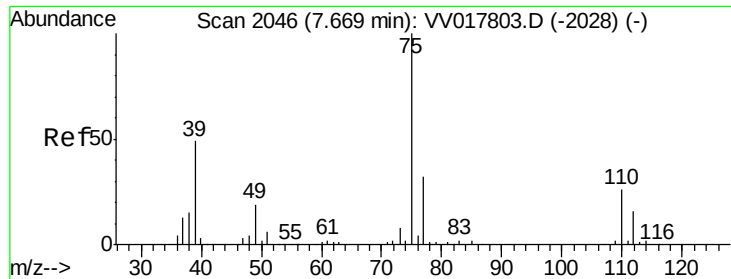
Tot Ion: 63 Resp: 9743
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.6 6.8#



#40
 4-Methyl-2-pentanone
 Concen: 1.211 ug/L
 RT: 7.25 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VV017806.D
 Acq: 06 Aug 2020 12:03

Tgt Ion: 43 Resp: 2291
 Ion Ratio Lower Upper
 43 100
 58 44.6 32.4 48.6
 100 23.0 14.9 22.3#





#44

trans-1,3-Dichloropropene

Concen: 0.917 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017806.D

Acq: 06 Aug 2020 12:03

Instrument :

MSVOA_V

ClientSampleId :

BG0A0

Tot Ion: 75 Resp: 2398

Ion Ratio Lower Upper

75 100

77 39.5 21.8 40.6

