

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
 Data File : VX017911.D
 Acq On : 14 Aug 2020 20:55
 Operator : JC/SP
 Sample : VX0814WBL02
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB69

Quant Time: Aug 17 02:10:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 02:07:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	305275	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	298398	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	128682	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	79685	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.69	69	68325	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.34	63	122433	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.53	46	242426	43.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.54%
24) Chloroform-d	5.14	84	174541	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	6.04	65	101983	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	6.05	84	332122	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	7.37	67	106780	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	8.70	98	283516	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.80%
45) trans-1,3-Dichloropropene-	8.99	79	41633	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
48) 2-Hexanone-d5	9.43	63	190939	41.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.78%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	80305	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	110964	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

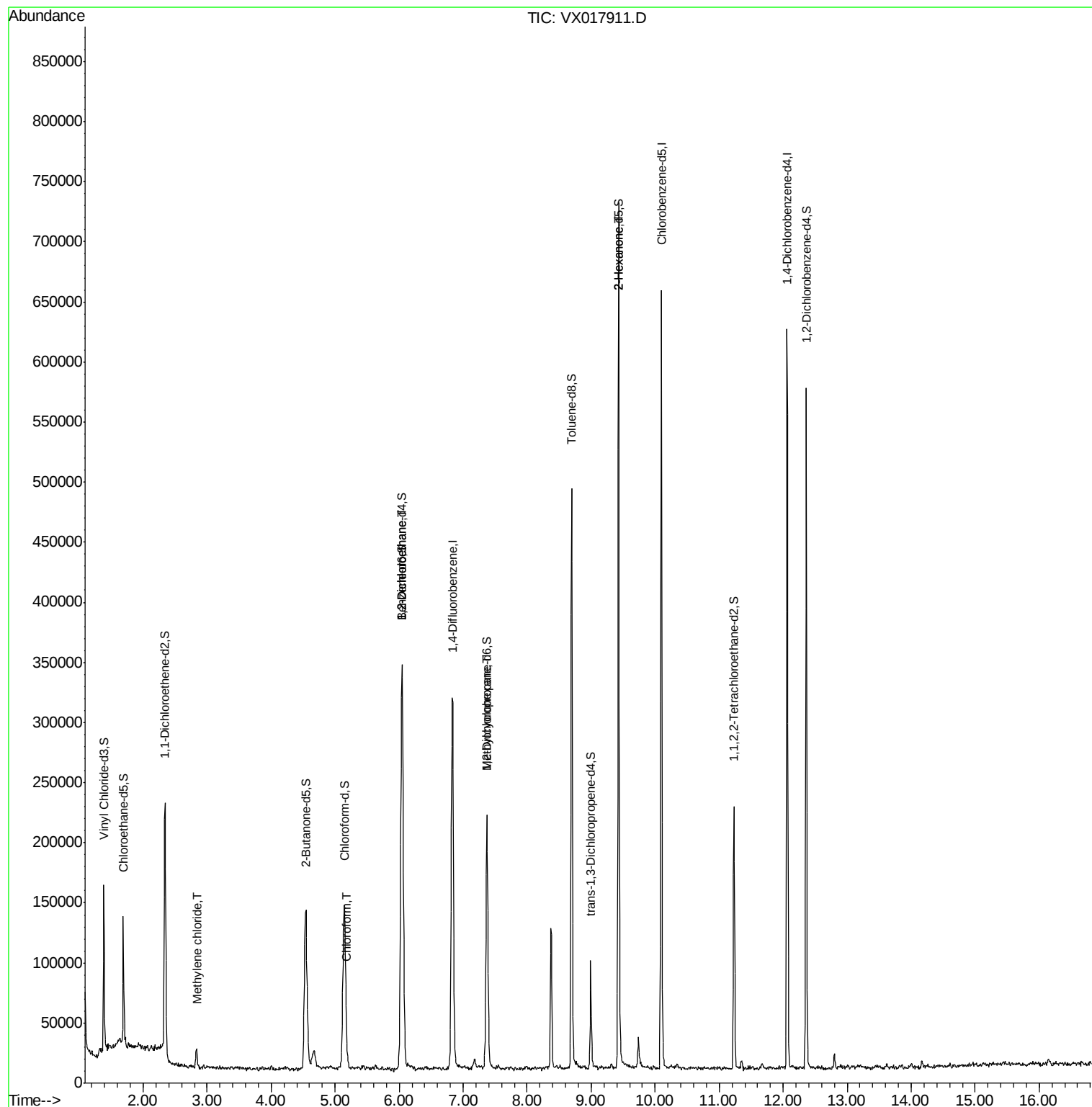
					Qvalue
16) Methylene chloride	2.84	84	7699	0.238 ug/L	91
25) Chloroform	5.18	83	8461	0.166 ug/L	87
27) 1,2-Dichloroethane	6.05	62	3093	0.095 ug/L	99
35) Methylcyclohexane	7.37	83	27959	0.645 ug/L #	20
50) 2-Hexanone	9.43	43	23765	1.917 ug/L #	68

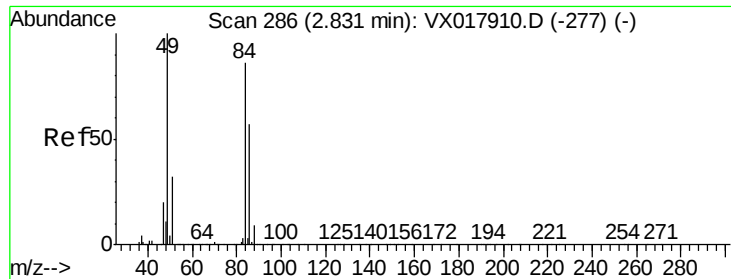
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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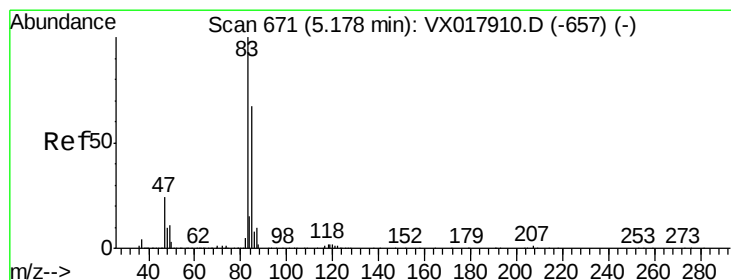
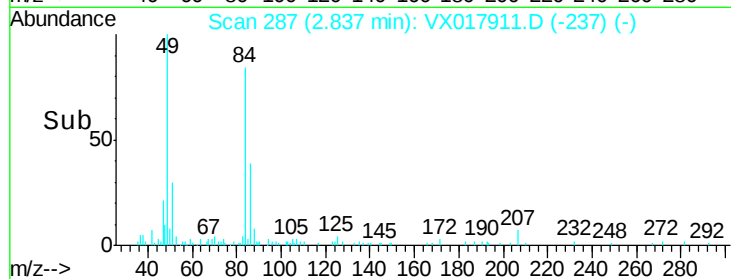
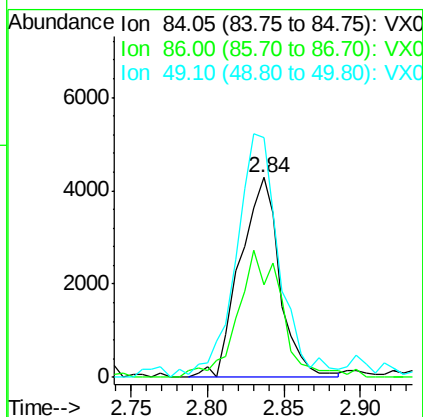
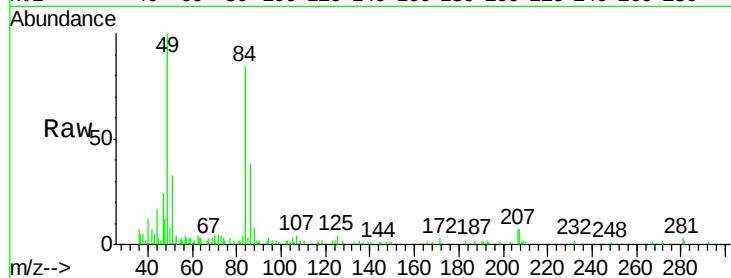




#16
Methylene chloride
Concen: 0.238 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX017911.D
Acq: 14 Aug 2020 20:55

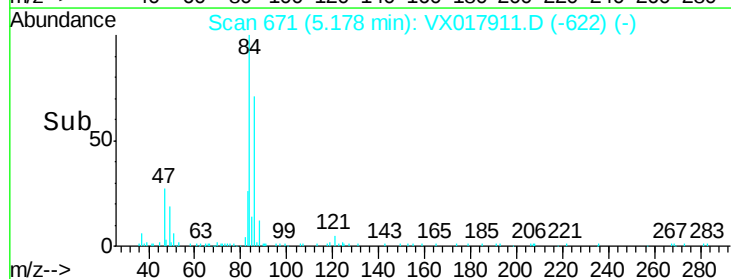
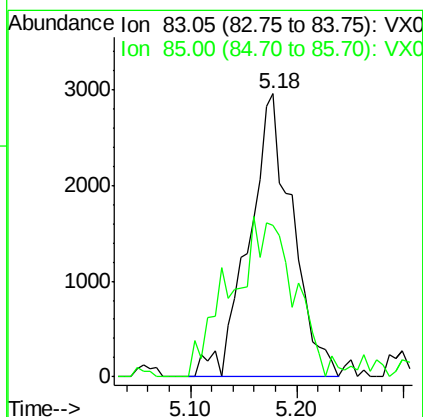
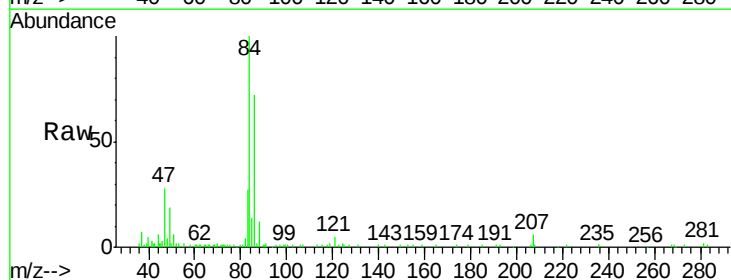
Instrument :
MSVOA_X
ClientSampled :
BFB69

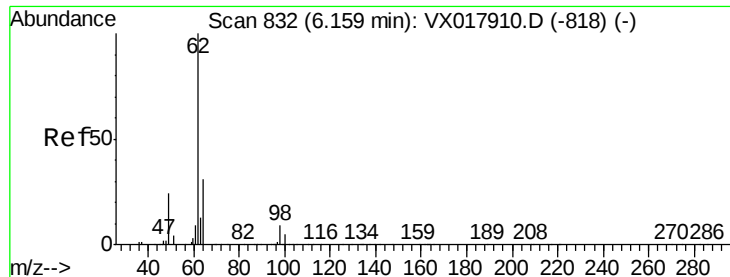
Tgt Ion: 84 Resp: 7699
Ion Ratio Lower Upper
84 100
86 46.1 43.0 80.0
49 119.6 86.9 161.3



#25
Chloroform
Concen: 0.166 ug/L
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017911.D
Acq: 14 Aug 2020 20:55

Tgt Ion: 83 Resp: 8461
Ion Ratio Lower Upper
83 100
85 53.6 44.7 83.1





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 6.05 min Scan# 814

Delta R.T. -0.11 min

Lab File: VX017911.D

Acq: 14 Aug 2020 20:55

Instrument :

MSVOA_X

ClientSampled :

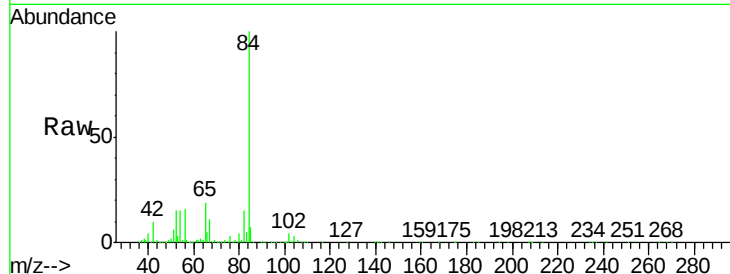
BFB69

Tgt Ion: 62 Resp: 3093

Ion Ratio Lower Upper

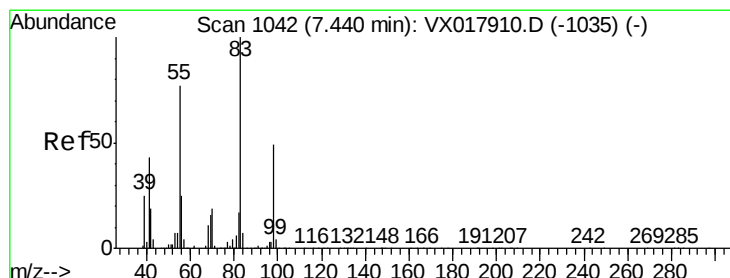
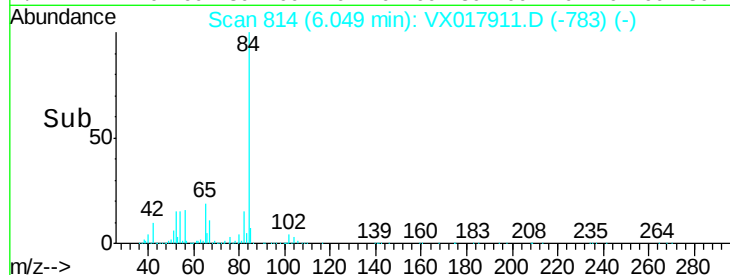
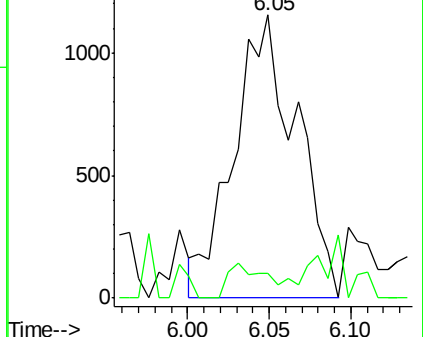
62 100

98 8.6 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.05 (97.75 to 98.75): VX0



#35

Methylcyclohexane

Concen: 0.645 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.07 min

Lab File: VX017911.D

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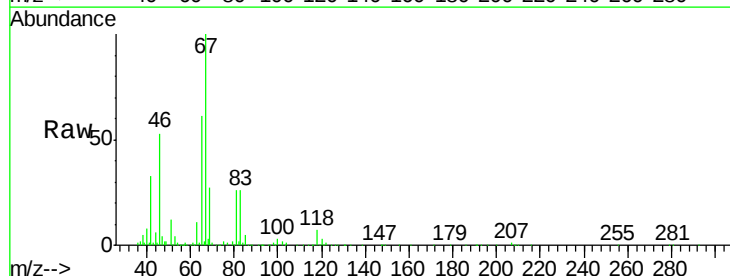
Tgt Ion: 83 Resp: 27959

Ion Ratio Lower Upper

83 100

55 0.8 62.4 93.6#

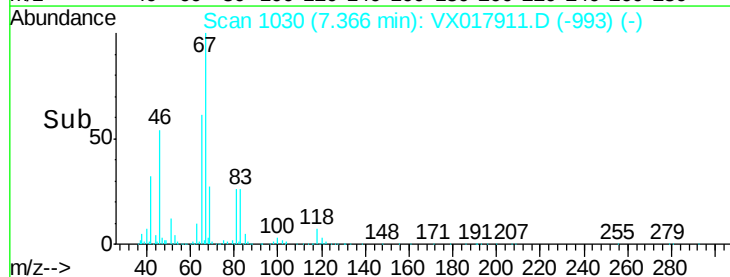
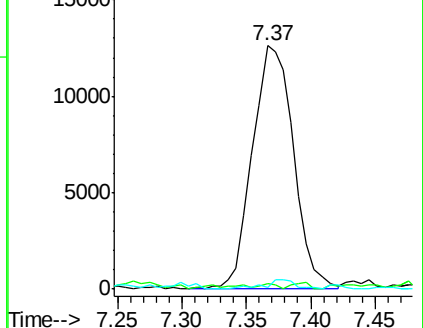
98 3.0 38.0 57.0#

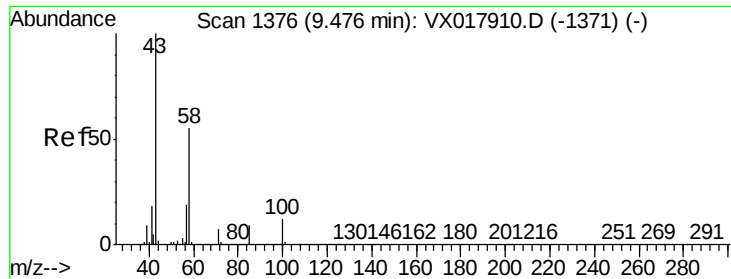


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#50
 2-Hexanone
 Concen: 1.917 ug/L
 RT: 9.43 min Scan# 1368
 Delta R.T. -0.05 min
 Lab File: VX017911.D
 Acq: 14 Aug 2020 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:	43	Resp:	23765
Ion	Ratio	Lower	Upper
43	100		
58	29.4	43.0	64.6#
57	31.9	15.0	22.4#
100	1.6	9.2	13.8#

